

A catalyst system for our society

1. Introduction

Just like building a house, it has many different steps. During the constructing, there would be a lot of different tasks every day. However, once the house is done, it is for relaxing and enjoying life. If the construction keeps going after the house is done, it would be very strange.

Japan, a developed country, is like a house of which the construction is almost done. Your infrastructure is extremely nice, not only the hardware part, but also in many different areas. Looks like that your people should be very happy to live in Japan; however, it's not the case. I think that the problem is related to people's mind, the way people evaluate things.

About evaluating things, let us think about the difference between different generations. For people who started their careers when Japan was in reconstruction, there were a lot of works needed people to participate. As long as you would like to do, you could earn money and made yourself live and even be rich. In addition, because of the one-trick pony(一技入魂) is upheld, the quality of Japan's products is amazing well. That's a huge success. However, for next generation, the market was shrinking because Japan was no longer in reconstruction era and was a developed country and newer techniques were also taking over some jobs. They might need to face the problem that could not find a good job, or would be laid off again and again. They could not earn enough money to support their family and the anxiety for the future also became a heavy burden for them. Then, for the recent generation, their parents' anxiety turns to be reality. Since it fails, they, of course, will try to find a new way to keep going on. New technologies bring in new chances, multiple abilities can reduce the risk of out of work to support their lives.

From the perspective of the old generation, they got huge success because of the spirit of one-trick pony so that they usually use the same requirement for the recent generation. By the way, the old generation or their successor is usually the boss of a company, it is obvious that the boss would think that the quality of recent generation getting worse year by year. They also think that the works done by the recent generation are low-value. However, on the stand of the recent generation, they will think that they are also trying hard to survive in this society. Why can't I find a way to live without anxiety? Then, some of them become the one giving up their hope and dream and we say that they are the problem of a country.

From the perspective of building a new house, this problem seems quite easy. People just need to change their mind from working hard to build the house to relaxing and enjoying the life. However, a

society is much larger than a house, no matter from the aspect of time or space or even the number of people. There is inertia. So, how to change the mind of people? How to change the way people used to evaluate the world? This is what I want to talk about in this email.

2. What is money?

First of all, let us think about this question: “What is money?” Although money is just one kind of medium that people use to evaluate things, people use it to quantify things. Once people quantify everything, it can simplify actions and make actions more efficient since we can use logic – by ourselves or by device today – to help us make a decision as soon as possible. Simply speaking, our society needs good interactions and money can trigger the interactions among us, or between us and the environment. Money is an efficient medium to trigger the interactions.

However, money triggers not just only good interactions but also bad ones. Or I should say, it triggers the interaction people think that it is good for themselves but may not be good for the society or the whole earth. For example, people can use money to hire a killer to kill someone. Surely it is efficient but it is bad. However, if I say the government hires prison officials to execute a condemned criminal. Good or bad? It’s hard to say because it depends on the level of maturity of people’s mind. A law is another efficient way to reduce the bad interactions; however, a law can be a bad law, either.

2.1. Like Heat is disordered

When we want to study a problem, we usually need to map our problem to a solvable one: to (measured) numbers. Just like if we want to study a projectile motion on earth surface, we map an object to 7 numbers, 3 for position, 3 for velocity and one for its mass. In fact, we have extremely simplified the object we want to study. However, under suitable conditions, the result is closed to the reality one. Similarly, when we evaluate a thing by money, we map it to a number (amount). Under this mapping, many information is ignored and they are irreversible. This is the 1st property of heat: forget about its history.

Think of that, about 60 years ago, when people went to eat in a restaurant, they not only paid for their food, but also, they might help the waiters to clean up when they finished because they knew their lives were not good, either. However, today many people think that they’ve paid so that the waiter need to do no matter how uncomfortable the waiter is. Many good personalities, such as empathy, kindness, or even the spirit of one-trick pony, etc., are related to long-term interactions and cannot be easily quantified. The more we are used to use money to evaluate things, the more good personality will be suppressed because it teaches us to roughly map things to numbers and ignores the things it maps.

Second, heat is related to statistic, i.e., not just for one or some similar objects but for an enormous number of similar objects. For each person, he might have his own way to spend his money. However, for many people, each possible way has its own probability no matter it is good or bad. The less correlation between people, the more chance that we can determine the probabilities or even can manipulate people's global behaviors.

Since money just like the heat, an engine - even an ideal engine - which is worked by heat must has energy lost which is predicted by thermodynamics and the wasted energy, heat, is disordered, will have the chance to hurt that engine. For example, you may prepare an amount of money for a project of urban construction. This money triggers the construction, of course; however, there usually are some corrupt things like bribes or bribe receptions, too. For a large project, this kind of disordered energy, heat, is hard to avoid. Or even we can say it is the price that we must pay if it is worked by heat!

2.2. It defines the social class

Originally, we use the money to quantify things. As time goes on, the world is getting more and more complex, sometimes people determine the value of something in their minds according to its price. The businessmen like to use this phenomenon to trick the customers. By cutting corners, mixing fake ingredients, driving up prices, inducing vanity, etc., all of these behaviors hurt the trust between people and even compassion.

Moreover, it defines the social class. As long as you have money, you can easier get the resources. People usually give ones who can pay for it, and don't care how they get their money even by corrupt means. On the contrary, if you work hard to help people freely and you don't like to let people know, you'll hard to live. So, earning more and more money means I am more valuable. For them good behavior is just for making money easier since the society is still not 100% controlled by money and will boycott them if their bad behaviors are too over.

In the beginning, we only want to increase the number of good interactions between people; however, money turns up all possible interactions and some of them hurt this society and good culture.

Are these disadvantages from money the predestination for our society? At least many wise men and religions say no. Just like the microscopic world is dominated by quantum mechanics, not the heat, everyone has the nature of long-term interaction and this nature will be suppressed when the temperature is high. Usually we use heat to drive a system because we cannot well control a system. If we know, we even try to drive one electron in a transistor or try to cool down a system to turn up its superconductivity. What's the benefit? Look at your mobile phone and Shinkansen, they are

examples. Since scientists have embraced quantum mechanics and relativity, why not try to use new technologies and tools to help people to enhance their long-term interaction?

3. Company vs. Country

A basketball team has a clear goal: to win the game! (Nowadays, they also need to entertain the audiences.) Its players are trained to win the game during about 2 hours. If I'm a boss, I'll try to find out the students with potential or hire someone who is an expert because they can increase the chance of winning.

So, for a team or a small company, its tasks and targets are usually clear and they are happened in a short time and in a small range.

For some companies, to distribute their risk, they will expand their business into many different areas. Although they have many different targets, long-term strategic layout; no matter how, their main goal is to make more and more money. Every strategy is to fulfill this goal.

Although a country looks like a company, they are different.

3.1. A company can choose people, but a country cannot

First of all, even for a big country, it can be separated into many small pieces and each piece has its own short-term goal. For satisfying that requirement, of course they have to sift. And in fact, I think that we can try to build a diagram like Food Chains to find out needed one.

Although many people are employees of companies, even they are bosses, there are still many people do not work in any company. They might be cocooning(ひきこもり) or preachers. No matter a country likes or dislikes, all of them are its citizens. A country is just like a reservoir and each company is just a subsystem, and the value of money in fact is defined by a country.

So, a country is for the welfare of all the people and the government is to make all the people's need to be satisfied. Desire and need are different. A lot of unhappiness comes from desiring too many unneeded things and we have the opportunity to reduce those excessive desires. Just like our bodies, if we exercise regularly and correctly, our bodies will be healthier, i.e., harder getting injured when moving and less dependent on the environment. In the same manner, we strengthen our knowledge and logic because we can use them to solve problems and earn money. But it is very strange that our societies do not uphold the training of our minds which determine how we use our bodies, knowledge and logic. A better mind can reduce the hurt from money.

In the world of money, some people may think that a country shouldn't pay too much attention to the people who has less impact to the society – if they can disappear or leave might be a good thing; however, it is not correct. A country is more complicated than a company. Its number of targets is astronomical and its influence is widespread, both in space and in time. For example, a kindness greeting might help a person in despair to stand up again. And few years later, he might testify about it. In ancient China, a person named Han Xin(韓信) is the case. He, a man changed the history of China, was once in despair. An old country woman's sympathy cheered him up again. What's the value of her charity? By the way, sometimes the breakthrough point of a major problem is not from the experts, but from the non-professionals, because experts are too professional to see other possibilities sometimes. Therefore, the diversity of the population is an advantage of society.

3.2. Do not over-evaluate and take good interactions among people as the first priority

For a society, it is hard to evaluate things because we are like the cells in a body. Because of circulations in our body, each cell can get what it needs, discharge the waste and perform its duty. In our society, when we give, we usually want to get something back with the same value or even more. However, just like the blood in our body, it transports nutrition to many cells in our body; however, its cells do not get the nutrition from those cells directly. Although they cannot get supply directly from those cells, they get benefits from those cells in fact because they are in the body circulation. Although disabled people might be useless for some companies, they do have contributions to society. How can we easily map a thing to a number?

We have used to over-evaluate things and used to map them into numbers. What do we want? In fact, we want good interactions. And performing good interactions should be our main duty when we live in a country. However, in the money world, to have money means life security. The one running casinos, brothels or debt collection companies perform a lot of bad interaction can get a lot of money. They release a lot of poisons into our society daily; however, they even can be government officials because they have money. How many people are died because of their bad interactions directly or indirectly? On the contrary, look at the random killings on the street. The offenders usually are the bad interactions' receiver. They kill pedestrians once when they are overwhelmed and then they'll be executed. Who hurts more people? In fact, is the previous one. The later one, in fact, is a victim, too. What kind of citizens do we want? Germs, virus? Or cells? Of course, we want citizens to be the cells of a body. Performing Good interactions is our duty. In fact, it can be our happiness, not our burden if our mind is well prepared, trained and exercised.

4. Current problem

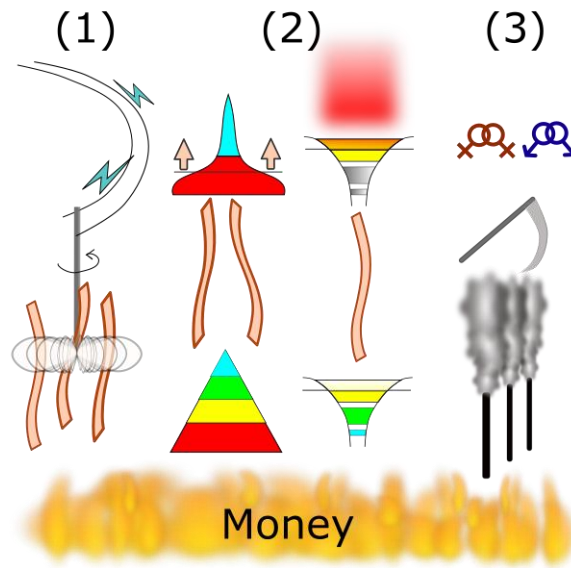


FIGURE 1 THIS IS A SKETCH OF THE BASIC CONCEPT.

MONEY LIKE THE HEAT, IT CAN (1) TRIGGER THE HEAT ENGINE TO GENERATE USEFUL ACTIONS. (2) (LEFT) MANY PEOPLE DROP TO THE LOWER CLASS AND THE WELFARE LINE RISES, (RIGHT) JUST LIKE ELECTRONS IN SOLID STATE PHYSICS, THE HIGHER TEMPERATURE MAKES MORE ELECTRONS WITH HIGHER ENERGY. (3) BECAUSE THE NATURE OF MONEY IS SIMILAR TO HEAT, DAMAGE IN THE SYSTEM CANNOT BE AVOID, I.E., HOMOSEXUALITY, MURDER, POLLUTION, ETC. BECOME NECESSARY EVIL.

Before talking about the possible solution, we need to look at the problems, need to know why these problems occur. Maybe you would like to say that there are many examples not as what I said. However, just like the study of ideal gas diffusion by Law of Large Numbers (LLN), you'll see a tendency which is determined; but, if you look into each gas particle, you always can find some gas particles move in the opposite direction. If people's mind was well prepared and exercised, the long-term interactions would dominate almost all our interactions. During that kind of world, LLN might not work since we cannot treat everyone just as a similar particle which is the basic requirement of LLN. However, nowadays our society becomes easier to be manipulated and predicted; unfortunately, we are like similar particles. Here I'm from the view of LLN not from the view of each person.

Focusing on some positive examples can give us hope and cheer us up; however, it does not mean the problems have vanished in the thin air. We need to face up the problems.

4.1. Machines and logical computing devices are being substituted for jobs relied on human's physical strength and intelligence

For primitive men and many species of animals, strength and health are very important. With the invention of tools and instruments, having skills or knowing how to use them is better sometimes, e.g., knowing how to use a hoe will be better than loosing soil by hands because it is safer and faster. Then, strategy, planning, analysis, etc., become more and more important. By the way, for efficiency, division of labor is very important, too. However, before the invention of the computer, people cannot well control tools and instruments. Many labor-intensive works will be more efficient if people can work like a machine, which can work monotonously and repetitively. Besides, many dangerous or toxic jobs need people to do in the work field, too. Under these conditions, a rigid social class is a

good choice, e.g. caste. So, education, religion or culture is very important, they can persuade people to live in a specific lifestyle even it is a suffering. They can make a man as a garbage, a machine or a wise man.

In the right-hand side of Figure 1 (2), it's a concept based on solid state physics. A crystal is constituted of nuclei and electrons. We can simply classify those electrons into 4 types: (a) near a core, (b) around nuclei, (c) bonded but quasi-free and (d) unbounded. And they are similar to type of lifestyle of people: (a) labor-intensive, (b) logic- and knowledge-intensive, (c) interacting and (d) less-interacting or marginalized people.

Long, long ago, strong is the most important ability. Later on, a man knowing a lot of knowledge is more valuable. Then, a man having a good logic analysis ability occupies a higher social class.

However, after computer and AI had been invented, our society doesn't need many people to live in the lifestyle of (a) and (b) since machine can be more accurate, reliable, stable than us, and logical devices and AIs can control these machines accurately and can make logic operations, such as prediction, much faster than us.

Here comes a problem (in fact, is a benefit), more and more people should live in the lifestyle of (c) or (d). For a government, of course, we want those people would live in the lifestyle of (c) with good interactions not (d). However, if we don't make some changes, we can see more and more people change their lifestyle to be of (d).

By the way, in the lifestyle of (a) labor-intensive, people work in farms or factories, etc., just like the core electrons are just bonded near a nucleus prefer to have a fixed living place. Even for the lifestyle of (b) logic- and knowledge-intensive, people work for companies or schools, etc., have a fixed life circle so that they also would like to live around their working places. Nowadays, more and more people have to live in the lifestyle of (c), their interactions can be very long distance and long time. Why do they have to stay at one place? In fact, for a government, if the thought of land ownership is not upheld, the urban planning can be done easier. Now, the problem is from people who live in the lifestyle of (c) interacting with bad interactions and (d) less-interacting. Let me discuss it in next section.

Besides, if all of us are living in the lifestyle of (c), the social class will become useless, too. Maybe one day our descendants will say that is a symbol of lag. Look at this generation, even a teenager can be a famous CEO. They aren't strong; they don't have a lot of knowledge and experience; they even don't have good logic ability, why do people want them to guide a company? Because our training makes us too narrow on some topics, those kids can find the way to turn up the interactions among people no matter those interactions are good or bad.

4.1.1. One day the intelligence may be just for fun

Nowadays, strong, or having a little talent in sport cannot help you to earn money, i.e., a higher social class. Most of the time they are just like entertainment for us. We exercise because we want to be healthier. Exercise makes our bodies well prepared to face the challenges in our environment and cleanses waste inside our body, even our bad emotion.

Similarly, we also need to exercise our brain to have better logical reasoning and memorize things more efficient, etc., and those are what we do in school. A smart person is an important asset for a country nowadays because they even can shape the fate of a country. So, school education is getting more and more close to the training of intellectual education, but just pay a little attention to the education of spirit or mind. In fact, how to use our ability is decided by our minds. So, we need to pay more attention to how to enhance spiritual or mind training.

Because of the invention of machines with logical devices, strong is just for fun. However, the it is not the case for intelligence at this moment. We usually cooperate with logical devices in the following way: a) we decide something we want to know or to do, b) we map the complex world to symbols or digits, c) the logic devices using simple logic rules to operate or calculate to get or predict a result, d) we match the result to something in the complex world.

In these 4 steps, you can find only c) is done completely by logic device since it works so fast and so stable. However, because of the invention of the logic of Artificial Neural Network (ANN), a lot of works of step b), e.g.: speech recognition, can be replaced by logic devices, too. In fact, they even do the job better than us, such as the case of early cervical cancer findings by pictures. By the way, many tedious, dangerous, toxic and simple jobs in step d) have been taken over by machine + AI. In fact, some tedious decision making in step a) we are also trying to ask AI to take over the job, e.g., self-driving.

So, what kind of job must be done by us in the future? Many people so called expert are the expert of steps b) and d). In the near future, they will be replaced. Sometimes it doesn't happen just because we hinder it.

Well, even in step a), some easy responses or feedbacks have been replaced by logic devices. Maybe we think that originality or creative thought cannot be replaced by AI. However, is that true? I suspect it. As a human, every second we are stimulated through touching, smelling, watching, etc. Most of the interactions are ignored or simplified by our brains so that we can deal with them properly. For Archimedes, the stimulus from the water inside the tank inspired him to find out Archimedes' principle. Usually we'll ignore this kind of stimulus; however, when he was in deep and diverse thinking, all the stimuli became sources of inspiration. A normal genius may have a strong ability to map the complex world's information into a simplified one for logic analysis. However, a genius, like

Archimedes, may have an ability to find new possibilities from the stimuli of this complex world. Maybe some people that we think they are stupid because they are poor in language, mathematics, etc. However, maybe they just cannot easily ignore the stimuli which we think are useless. For a machine, AI, etc., their information, stimuli are narrowed to what we want them to deal with. Maybe those we think are stupid are valuable in AI's view. What if we provide the AI with immense stimuli and diverse thought?

Maybe one day the intelligence is just for fun, too.

4.2. People are living longer and longer

Longevity is a dream of most people and a man need time to mature. However, it may not be a good thing in this current system because society basically evaluates things by money. Therefore, how to earn more and more money is a basic rule for survival. What kind of job do people think can make money and valuable? Usually, it is based on the experience of elders or friends or even the propagandas of media. However, the media often whitewash problems, and many new forms of interactions are not experienced before, people don't easily treat a new form of interaction as a valuable one.

So, on the one hand, many jobs don't need people to do now, i.e. we've lost many jobs' opportunity; on the other hand, many new forms of interactions people don't think are valuable even they are good for our society. Assuming that the rates are the same, i.e., they cancel out, the number of valuable jobs is not changed. So, more and more people are out of a job which is considered valuable because of longevity. Although there are many jobs can earn money, people don't feel that they are valuable.

4.2.1. Retire or keep working?

Today, we want to prolong our life with a healthy body and we make it. Although some jobs like Uber eats can be done by everyone who can drive, usually these kinds of job are not considered valuable. Many jobs which are considered valuable eager for experienced and skilled workers. If you have worked in one of such kind of job for a long period, you have a higher potential to make your job done well, i.e., you usually have a higher possibility to stay on that job than a younger person. If you quit a job, you'll lose some of your advantage and you'll need to fight with others for a new job. However, since the market of jobs shrinks, the number of candidates for a job will be large and your uncertainty of fitting to this job will make you harder to get a new job which is considered valuable. Therefore, even the job is not suitable for you, or you get a health problem, you might keep working on it even until death.

To retire or to keep working? To retire to enjoy your life based on your savings, investment, etc., young people might envy you. They hope that you can keep working to survive because they are paying a lot of time for a little money and have less vision of their future. However, if you keep staying at your original position, they lose a position considered valuable for them. They will hope you leave your position. So, if you want to fit their desire, you just can do the job which is not considered valuable; however, these kinds of job usually aren't suitable for an old man. Both of to retire or to keep working are troublesome under the current system of values which is based on money.

In fact, under today's system, it might be better if we could only live 40 years. Think of that, if a person starts work at the age of 20 and has two children, then when the couple dies, these two children can fill those two empty positions released by their parents when they are twenty. Assuming that the number of jobs considered valuable is a constant, everyone can find a job to work on when they're 20.

However, because people live longer and longer, a job considered valuable is still not released by their parents when they are 20, 40, 60 even 80 years old!

Reduce the number of people? That's why we have a lower fertility rate. Postpone the age of starting to work and having the first child? That's why about a decade ago people were chasing for higher education and getting married until middle age. However, our physiological structure does not support.

So, how about increasing the number of jobs? Sure, and this is what every government does. Since the number of interactions between people is proportional to the square of the population, we can certainly increase the number of interaction-based jobs easily. Therefore, you can see some news about how young YouTubers can earn money easily to persuade people there are many new types of jobs waiting for them. However, if you are not a celebrity and you do not like to lay it on thick, you will find that it is very hard to make money from sharing your videos. Because of many failure experiences people do not so trust the news from social media even from the government. When people work on these jobs which are considered low-value and cannot get a job considered valuable for a long time, the bad emotions, such as envy, anxiety, hatred, etc., may appear in their minds and make them do bad to others. Having a lot of new types of jobs is not the key issue in the current system but the lack of jobs considered valuable is. It is not so easy to make people consider a job is valuable.

If this problem cannot be solved, there must be war. There is still a method named tittytainment which is an entertainment-based psychotropic anesthetic. However, it just turns the problem to be chronic in our society. To solve a chronic disease, we need patience.

4.3. More and more people cannot find a thing considered valuable to do

Religions tell us that we need to love each other, and we need to do good to each other. Well, under this kind of thought, every good interaction is considered valuable. However, this is not the logic of the current system of values which is based on money. We also need to thank religions to postpone the time of onset.

Since machine can be much stronger than us, logical devices + AI can make a calculation, prediction accurately in a very short time, and a machine + AI can also do some high-precision work, many jobs for people will almost disappear since they can be done by devices. As the (2) part shown in the above Figure, the middle classes disappear and most of the people stay in the lower classes; besides, just like a material which is under a high temperature, more and more electrons stay on the higher energy (less-interaction part) and once they release their energy, that heat might cause a damage to the system. Longevity even exacerbates this problem.

4.4. Many people are members of the working poor; although the society has enough resource, they cannot use them.

Because many jobs are not considered valuable, people are hard to earn money constantly and usually time-consuming. In this atmosphere, it's difficult to avoid anxiety. Buying insurance has become a way for people to cope with this anxiety. For some start-ups, you may still make a lot of money for the time being; however, many people are working poor. Even insurance is a burden for them. This kind of life is stressful, so some of them are looking for new ways of life. For someone, they turn this kind of stress to be their mental nutrients and exercise their spirit. However, for some people, this kind of stress might become a constant injury. For ourselves, sometimes we will get hurt when we exercise too much. After the injury, our bodies need time to recover. If we continue to exercise during that time, the injury may turn into a chronic sports injury, which is very difficult to recover from. Stop for a while might be a good choice; however, this choice might be a risk for many people. Since it is not an obvious injury, such as bleeding, other people might think that they are too sensitive, and this impression might affect their next job. Keep working? Bad emotions sometimes produce bad interactions. Try another style of work? Not bad; however, some people live under injustice, they might not have the chance. Stop for a while? Being a backpacker for a while is not a bad choice. However, some people choose to cocoon themselves. There is a fragile life in the cocoon, looking forward to the arrival of a new life. However, when they are cocooning, what is feeding them? The TV programs, news, video games, etc. These resources guide them to addiction, envy, hatred, etc. Their minds are easily trapped in a downward spiral and they become the problems of our society. Although they interact with others rarely, in fact, they have high energy inside them. But when they

release their energy, it usually harms our society. Thanks to the welfare groups for their willingness to help these people, reducing the occurrence of many tragedies.

4.5. Schools become childcare centers

Because parents work hard to earn enough money, they don't have much time to take care of their children. Some families are worse off, and even their parents are divorced. In these families, the function of raising children becomes weak. Sometimes, the children even get hurt by these families. In order to supplement this piece, elementary school and junior high are bound to bear some of the responsibilities that originally belong to the family.

What about higher education? Because of the shrinking of the job market, some people chasing for a higher degree are not really interested in what they are studying but for escaping from the anxious to work.

No wonder many schools are becoming more and more like nurseries.

4.6. Schools do not provide efficient way to train(exercise) every child's body, knowledge and logic, and mind

Before the twentieth century, knowledge and logic are power. Schools were designed to make more people can control this knowledge and logic.

At that time, people didn't have good logic devices to help them. They could just use some sort of SOP like the one commonly used in the industry. Discipline is mainly based on efficiency, not empathy. Learning effectiveness is the basis for evaluating; therefore, the concept of inferior would be applied to students, too. However, many talented people did not fit this kind of education and they might be classified as inferior based on their learning effectiveness in school. It was not always a bad thing because some of them used their talent on some works which were not considered valuable and made a big success, and it gave people a glimpse into new possibilities. A few years later, that new area might be a course in schools, too.

It's not easy to stand up again and again in frustration because we might be trapped in negative thoughts. At those moments, to see that there are other positive possibilities is important. To disperse our thought by rest, meditation, consulting others, or reading some stories or biographies, etc., might lead us to find a new possibility to deal with our problems. It is important to turn these approaches into problem-facing attitudes or skills. However, schools usually do not care about them or just make them become one kind of knowledge. Because they are about how to deal with their own lives, and everyone is a special case, before the days of the invention of networking and AI, schools didn't have enough teachers to help each student to make these skills part of their life experience.

Therefore, current schools' education fits well before the days of the invention of networking and AI. Just like in thermodynamics, there is no way to free from energy waste; the only one thing we can do is to reduce it. However, today it is possible for us to customize our teaching sites for each individual. Just like some people use new technology to cultivate each plant according to its individual situation, such as its soil moisture, which is impossible to do previously.

In Taiwan, some famous cram schools' teachers cooperate with IT companies. They record their classes for students to listen when they need and want. The students also can test themselves online and ask those teachers. Not bad. However, it has some problems.

First of all, being able to build wealth is a basic requirement. However, this requirement sacrifices many possible methods. Is it possible to create something like Free Software Foundation (FSF) for education? Where the ideal members come from will be discussed later.

Second, it's confined to the realm of knowledge and logic because most tests are based on knowledge and logic. Good test results are usually thought to be more likely to have a better future. If the parents care about this, they will ask their children to study more after school so that they don't have enough time to exercise their bodies. By the way, because of working poor, many families do not function well. These parents do not help their children build values that are good for the population and do not help them exercise their mind. Sometimes they even harm their children. Because the function of today's families is a little weaker, if the school does not try to help these students, then these people will become a social worry in the future. The school's attention order usually is intellectual > physical > mental (spiritual) education. However, how people use their knowledge, logic, and body is based on their mind; in addition, if out of a healthy body, we are very limited. Therefore, I think the school's attention order should be mental (spiritual) > physical > intellectual education. In fact, if we look at our society, we will find that some people may attend something like Dale Carnegie Training which is for skills in interpersonal relationships. It is not merely a kind of knowledge; it is designed to help you to make a good interaction with others when you are facing certain situations. Besides, even some companies in Japan will ask their employees to practice how to cope with customers daily. Furthermore, many religions' exist is for the spiritual needs of the people. Since that, why not to help students to exercise their spirit more?

For our body, we exercise because we want to be healthier. Exercise can improve our metabolic process and extend our tolerance. For example, if you had a long time never done a push-up, once you did, you would feel very uncomfortable and just a few push-ups you could do; however, if you kept exercise day by day, you would find that it's easier and you could do more push-ups. Then, if you stopped it for several months and then tried it again, you would find that you had degraded. For intellectual education in schools, we ask students to prepare before the class, concentrate and ask

questions during the class, and then review it after the class. Then, we will give them some homework to help them make a clearer picture inside their brain. Every few days, we will test them to exercise their brain to make that knowledge to be firmer in their brain. Taking a rest is important for a study, too. During the rest, in fact, you push your brain into a divergence mode as said by Prof. Barbara Oakley. And this divergence mode is like the metabolism for our body. Since for our body and our intelligence, we exercise them daily. Do people exercise their spirit daily in the same manner?

From the exercises for our body and intelligence, we can find that 1) when we exercise, we need to focus on it since it is closed to your limit. If not, you might get hurt and you need to pay a long time to recover it. The excess exercise becomes a hurt and a torture. 2) Just like forgetting curve, you'll lose a skill once you have long time never touch it. It means that we need to review a skill even after a few years if it is useful for some unexpected and serious situations. Just like you Japanese, disaster prevention exercises are conducted every year. 3) both exercise and rest are important. Exercise brings metabolism and destruction, while rest leads to rebuilding.

These characteristics are taken into account in schools and gyms. Cram schools and gyms even provide self-training instruments or customized training package. However, the spiritual education in school usually is discrete. It might be mixed into the classes which are related to group activities, histories, stories, proverbs, etc., i.e., the teacher can make it only as one kind of physical or intellectual education. For some students, they might be able to understand the insight and apply it when they face some life problems; however, it is not the case for most students. Usually, we only exercise our spirit in our daily life directly. For well-prepared one, it is an exercise; however, if we are not prepared, it might be a torture. That's why it's important to raise children in a loving family because it can help them prepare well. However, since many families are not functioning properly, why don't we try to use new technology to emphasize spiritual education in school education? Once these children grow up and get married, the family they make up will play a better role.

For our body, people try to find a better diet to gain nutrition efficiently, create fitness equipment for personal fitness, do all three kinds of educations at once through group exercises because they are interaction-rich, and, finally, relax through things like massage or meditation so that we can rebuild and increase our metabolism. It is similar for intellectual education; however, people try to squeeze time out from relaxation time. Develop a suitable schedule daily and then execute it can help us free up more room in our brain to absorb what we want to learn. If so, we can really learn and relax efficiently. People also use this way to develop their own fitness plans. If we think all the courses in school a day as a schedule made by the school, all students in the same grade use the same schedule, and they passively follow the schedule so that they don't need to learn how to schedule their time. For workers in the former factory, this was enough since they just need to follow and make

themselves as punctual and effective as machines. However, a well-designed machine with well programmed AI can do much better than us. Besides, if they are damaged, you just need to replace the damaged part – no weekend, no rest, no entertainment, no emotion problems – which is impossible for us. We need to guide students - even they are elementary school's students - to schedule their time to fit their need and level. We need people to design new ways to achieve this goal. I think that we already have these potential ones and let me discuss this later.

Similar to the body, we need the necessary tissues, such as muscles and bones, and our brains also need to establish neural circuits to sustain our daily lives. If we say food is for our metabolism, cells, and tissues, then every interaction is food of our mind because it will stimulate our brains to build or to use neural circuits. However, not all of the food is good for us. Some are wasted; some are toxic; only part of them can be used. What's the difference between them? It depends on your environment and your state. For example, if you live in space for a year, you'll lose part of your muscles. Although you eat food, it cannot be used efficiently on your muscles as you are on the earth surface. Or, for people with gastrointestinal problems caused by stress, it is difficult to absorb food efficiently. Therefore, for everyone, we can try to change our state by exercising, which is a kind of designed daily life to extend our ability. In addition, our state of mind is even more critical.

What kind of food do we supply to our mind? When we are young, the actions of our parents and relatives are those foods. How do they face a problem? What do they do when they are angry? Like or dislike something? We copy their patterns of behavior even we don't like it. For example, some men hate their father hurt their mother. However, when they get married, some of them hurt their wives, either. In the future, we should design a way to help and teach parents of infants. When we are at school, courses designed for mental education usually are in the form of knowledge, such as biographies, stories, and proverbs. The time we practice what we have learned for our mind might be in our daily life and it might be difficult for us. I don't think it is the way we teach students math. We will use many examples, homework and exams to help them familiar with them slowly. Compare to this, there is almost no exercise for our mental education and just ask us to dive into our daily life directly. For some poor kids, that is a terrible torture. If they can grow up and get into society, usually they will become a new problem of society. Their skills would be used for bad interaction. Since we have AI now, in fact, we can mimic the practice of medical vaccines – using situations like those of real diseases, but not cause disease to train a person's immune system – to train our mind. Making these courses may not be able to make money for the designers; however, it is good for people. Where can we find these designers? I think we already have these potential ones and I'll discuss it later.

4.7. Companies say they are customers and schools provide them students. How about the students who are not selected?

For some good companies, they are good to their employees. They give them the chance to study further, take care of their body health and their families. For some companies, they even provide their employees with some arts and culture activities and send them to some courses such as Dale Carnegie Training regularly to help them exercise their minds. These kinds of companies are very good for our society. Not only they gather people's strength to accomplish great jobs, but also, they make people work and live in peace. However, it's a two-edged sword.

Because of their expertise, they can be agile; however, it is easy to lead to an oversupply and finally, it becomes a waste. Reducing production? It may not be a good idea, because revenue will shrink, and customers might be taken away. Create differences and evoke people's desire, whether they need it or not? This only solves the problem temporarily and might result in more bad interactions. How about developing new products or areas, or transforming? This might help the company to take advantage of the original advantages, such as credit, reputation, etc., to start another life cycle of a company. Anyway, it hard to guarantee a company to be always success. Once a company falls, some of its staff may not be able to adapt to society because they have become tailored to some specific work. They are not as adjustable as the freshmen of society. For many companies, they would like to hire recent graduates because they are easier to train. What these students learn at school, for these companies, is just to determine if they have good potential to work well. However, whether they are the companies, laid-off people, or students, they all are a part of the society. These companies and employees influence the students' decisions. Some students keep chasing famous schools secure entry into famous companies. At this point of view, it is really like a customer to buy products – the students. Some students find their interest or destiny and study hard to train themselves to succeed in those areas. Poorly for some students, they are lost because they think too much or they cannot keep up with schools. Some of them are genius, in fact. And most of them can develop their own characteristic since they also have their own talent. What they need is a customized exercising for their minds, memory, comprehension, and bodies. Can we think that a country is like a huge company and all companies inside are just its subsection? I think that at least one thing that they are different: a country cannot lay off a citizen. The only one possible way is the death penalty. From this point of view, making good interactions between people is basic and essential for a citizen of a country. If a country has high-quality citizens, the good interactions of these citizens will also be high quality. Instead of letting them corrupt, it is worthy to bring their potential to life. It may have been difficult or even impossible before, but now with the help of good networks, logistics, transportation, sophisticated machinery, and AI, we are able to tailor these exercises.

5. A Possible solution

From Apps, sharing economy and backpackers to time bank and paperless government, etc., people are trying hard to find out possible solutions. And these are all directly or indirectly related to new technologies. Let's use energy use as an example to illustrate this evolution. Previously, people used wasteful ways, such as combustion, to do work. Now, people can easily use the difference in electric potential to push electrons. The mobile phone on your hand is an example. However, if there is no well electric power infrastructure and network facilities, mobile phones may not be useful.

Similarly, to motivate people, money is just a tool and is not very efficient and justice. When a car accident happens in Taiwan, usually you can see some people running out to help the wounded. Not because of money, but empathy. However, empathy and insight depend on the soundness of our mind, logic, knowledge and body. If the government upholds money too much, the effects from empathy and insight will be suppressed, just like the quantum effect is hard to see and the resistance increases when the temperature is high, i.e. the system is dominated by heat. Although it is still hard to directly teleport quantum effect nowadays; however, the governments support the building of the infrastructures of electric power and network instead of providing fuel to everyone.

However, today's society is basically based on ancient Rome's system. It was a good system before new technologies were developed. Just like before people learned electromagnetism, people could not use electric power in their daily life. And usually, people would think that it was a kind of magic, or dreams of some people. Since we, the new generation, have such marvelous new technologies to help us with deep study, it is time to build a new system from the government side to make our society to work much better. We need a top-down evolution. Not by violence, but according to the world's need.

Although some countries are trying to use new technologies to gain deeper control over their people rather than helping them develop a healthy personality - they even want to suppress people's grievances by monitoring everyone - one day the depressing situation will make the countries sick and ultimately hurt these countries. So, the aim here is to remodel people's system of values from over-evaluating everything to upholding good interactions.

5.1. Brainstorming

I believe that there are tons of way to make this world better. The method I will discuss later is based on my position and environment. Before proceeding, let's look at the methods people are trying.

5.1.1. People's tries

5.1.1.1. Taiwan's 心生活運動

In fact, I don't remember its actual name. It was offered by Taiwan's former president Lee Teng-hui about 10 years ago. At that time period, Taiwan's media stressed that we should have an empathy, good heart, which was more important than economic development. However, it didn't last long and the news soon disappeared.

I think that it is similar to the case of a battery. To make it work, not only requires proper arrangement of electrodes and solvents, but also a connection between two poles to form a cycle. Otherwise, after it has established the potential difference, there will be no more current. An appeal may generate a tendency over a time period; however, there is no cycle or feedback for it, so it seems no use. Nowadays it seems to turn into reports of good things and good people. That's good, but the effect is limited.

5.1.1.2. Time bank

When we want to use a unit to evaluate one thing, this process is a mapping and many information will be dropped out. Besides, we need a system of values as the base of our evaluation. In science, the SI units are based on some basic characters of some natural elements which are reproducible, such as light. What makes science great is that it can predict certain measurements through some measurements, such as that we can predict a trajectory of a throwing motion if we know its initial velocity. Furthermore, we even can manipulate those quantities. Although we still ignore numerous information of a physical system, they do not make an obvious change to the quantity we are interested in.

In a physical system, obviously, we try to build up a system of values based on the nature. If so, everyone at any time and any place will get similar results, i.e., reproducible. However, the system of values of money is based on everyone and can easily lead to conflict. By evaluating, empathy, emotion, persuasion, and even coercion, etc., people come to a deal. In the physical world, a collision obeys conservation of energy, and so is money; however, energy is a true quantity of nature but money is a virtual quantity created by human. Usually, money depends on the personal desire not the need of people. Therefore, exploitation, injustice and so on can easily happen. So, can we use another unit instead of money? Or as an auxiliary since we want to encourage people to make good interaction with others.

Since we do everything takes time, the time period can be one of the measurements of our efforts. Besides, it is a quantity from nature. However, it is just one character of our effort and is not enough to describe an effort. Nevertheless, it encourages people to make good interactions. However, if

people out of healthy mind, it might become another source of problem. We need help people to exercise their mind.

5.1.2. How to change?

5.1.2.1. By Anesthesia

As I've said before, it turns sick into a chronic. If we want to cure it, we not only need to make a painstaking therapy, we also need to fight with the problem of the addict. Unfortunately, this is our current world's problem. I admit that tittytainment is really attractive. In the virtual world, it can be more interesting than the real world, usually is not so serious when you lose, and takes less time to finish a game. If it is used for exercise, it is good. However, if its purpose is to attract people to pay more time to use it, it will be a problem. Unfortunately, we even define a successful APP by how many people and how long they use it.

I myself is an example. When I was trapped in a deep thinking, coding or some bad emotions, I would like to find a way to put myself into a diverse mode. Jog is a good way for me and I believe it is also good for many people. However, sometimes I would play these tittytainment's products. To tell the truth, if just want to make myself happy, the jog is much more boring than them. They are like sugar can cause an addict. If I'm out of dream and out of hope, I should have had a hard time escaping their temptations. They will weaken my health, willpower and even my intellectual power. It's easy to become a dark whirlpool to pull me down. There are infinite possibilities in the real world but the people inside the virtual world may just have a little feeling about it.

Most people trapped in these virtual worlds are not stupid, they have their talents which might be much better than a normal one. It is a shame to paralyze them and it is one kind of waste. By the way, they might be a flashpoint for society. We still need to find a way to release this stress.

5.1.2.2. By Religion

First of all, I am a Christian. Some of my relatives are Buddhist or worship Taiwanese traditional religion. Based on my observation, these religions provide some or numerous guidelines for our mind. Some of these guidelines are for the benefit of people, some are for some parties and even for some particular small groups. It is inevitable since every religion is worked through men so that more or less it will have some characteristics of those men. For my church, its guidelines are mainly from the spirit of love which usually conflicts with the system of values of money. Saints are easily forgetting to turn their eyes to the Loving God Himself; hence, we need to pray, to sing Hymns, to read Bible-related messages, and to preach gospel regularly. Daily life becomes one place to exercise what we have learned and help us to have a peaceful heart and would be glad to love each other. It provides a way to help people to exercise their mind, i.e., to help people from their inside part. Once our inside part is health, it will be able to train our intelligence and our bodies properly. Finally, these people will

form a society which is full of love and peace. Therefore, it is one kind of bottom-ups way to turn our world to a suitable one for survival.

However, it is not always the case. There are still some saints leaving the church, some are living under torture and even some are unhappy or hopeless. Sometimes I am surprised that some saints are angelic at a moment, but immediately they become very marketable. In fact, they are not aware of it even you tell them their problem. In our church, these problems have a common answer: "We all are sinners. We need to crucify ourselves with Christ on the cross and we need to grow into Christ little by little and day by day." Literally, you might not understand, or even say that it is nonsense. However, just like the sentence, "**Here He Lies Beneath Bed Clothes, Nothing On, Feeling Nervous**" for "H He Li Be B C N O F Ne" the 1st 10 elements of periodic table, it helps you to recall what you have learned from Bible and can be applied on our current situation through our mind instead of our logic one.

It's both good and bad. The benefit is that almost everything that happens in our daily life you or the saints will help you to find some correspondences in the Bible. The words from the Bible mixed with the love from the saints can pull us back on the rail of positive thought. The more days you are in the church and saturated by the words of the Bible, few words are enough to recall all of those feelings. Not based on logical reasoning, but the feelings. Therefore, even you lack knowledge, you still can save many lives from the abyss of pain because you just need to be a medium to help these people to touch the loving God Himself through the saints and the words in the Bible.

However, there are some disadvantages. First of all, the Bible is also one kind of mapping of this world and of course there must be some information distorted or missed. We know that because it has been written in the Bible "ministers not of the letter but of the Spirit." We saints need to mingle our experience with the Bible. Therefore, there is a unique Bible of words; however, every saint should have a personal Bible wrought in their own mind. Ideally, it should be this kind; however, the Bible is written in words, and the interpretation is through we human, so that if it is misinterpreted by some more influential brothers, the impact could be disastrous. For example, the "Geocentric model". As a scientist, everything which is not testified by ourselves should be classified as a hypothesis. But not all people would like to do so, give them a guideline would be easier. Because of that, I often suppress my interest in arguing with brothers about the logic of the Bible since it is not written for our logic.

Second, it usually does not directly solve the problem, or provide an emergent treatment. Of course, it helped the saints find comfort in their spirit; however, the only weapon and shield that they can use are praying and praise. I do not say those are useless; however, sometimes some tragedy happens because of not helping them escape from their environment at that moment. Although we have small

group meeting per week which can reduce some of these tragedies, some problems come from the structure of this society and it is hard for us or the social welfare groups to help them.

That's why I want to write this document because I hope that there is a way from a top-down view to help people. Based on the problems of religions, I don't think any kind of religion should be blended into this way and that's why I just discuss religions here.

5.1.2.3. By changing the structure and policy of a society

At the beginning of the 20th century, the damage done to society by capitalism was so great that communism was born. It's a top-down and comprehensive way to change society. However, what it gives us is a lot of tragedies. What's wrong? In my senses, it's like applying the entire management of the Marine Corps to the children of kindergarten. That kind of management is good for Marine Corps but is bad for those children because their physical and psychological qualities are not strong enough for them to live under that kind of management. In fact, at that time, no one ever tested communism, although the society it depicted looks good. I think it is unnecessary to describe once again the tragedies owing to this direct use. In the case of immaturity of both the people and the leaders, a large number of human darkness are made into the system. It is far from the original design.

I think the main failure of it was that the people at that time lacked psychological quality, even full of hatred. Furthermore, it is dangerous to run a new system directly if it has not been tested. It is impossible for developers to write a big program without any error.

Therefore, the following discussion is based on these requirements:

- a. To eliminate bad interaction and negative thought as the basic requirements. We don't want people to incorporate a negative spirit into the building of a society.
- b. Helping people to exercise their spirit, even their intelligence, and their bodies. Otherwise, it will be like feeding a baby gourmet food, he will just vomit everywhere.
- c. Just like writing a project program, test it on a small scale for easy correction. Once it works well, try to apply it to a larger scale one and run it a while for testing. Repeat these processes again and again until we make sure it is safe to be applied to the whole society.

5.2. Possible solution

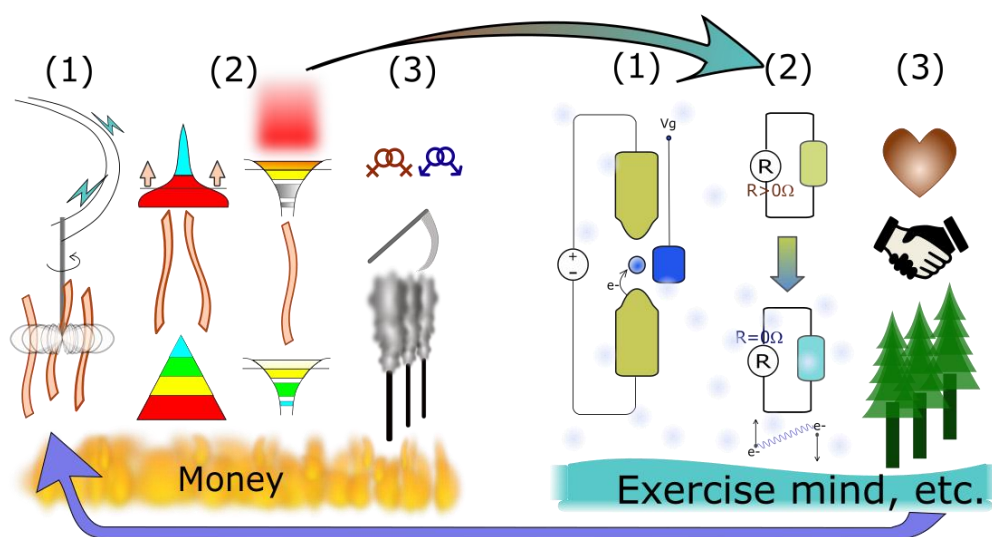


FIGURE 2 THE RIGHT-HAND SIDE OF THIS FIGURE DEPICTS A SYSTEM DIFFERENT FROM THE CURRENT SYSTEM. (1) JUST AS WHEN THE HEAT IS REDUCED, SINGLE-ELECTRON TRANSISTORS BECOME POSSIBLE. IN FACT, MANY THINGS WE CAN DO WITH JUST A LITTLE TIME, RESOURCES AND FEWER DAMAGES. (2) AS IN SUPERCONDUCTORS, THE ELECTRONS WHOSE ENERGY CLOSED TO FERMI ENERGY MIGHT HAVE LONG RANGE COUPLING AND FORM COOPER PAIRS. AND ITS PHENOMENA ARE SO TREMENDOUS. IT MANIFESTS THE QUANTUM BEHAVIOR IN THE MACRO-SCOPE WORLD. NOW, IT'S NOT ONLY IN THE LABORATORY, BUT ALSO RESHAPES OUR WORLD. IN FACT, WE ALWAYS CAN FIND MANY INCREDIBLE EXAMPLES HAPPENS IN OUR DAILY LIFE WHICH IS NOT DONE BY MONEY. CAN WE EASILY MAKE IT HAPPEN? FIRST OF ALL, WE NEED TO EXTEND OUR INSIGHT THROUGH EXERCISE. (3) IN THIS SYSTEM, IT'S MAINLY TO RECOVER THE INWARD RIFTS BY PERFORMING GOOD INTERACTIONS AND LET THE TRUE LOVE FUNCTIONS IN PEOPLE'S HEARTS.

The right-hand side of this figure depicts the possible solution and it should be focused on eliminating bad interactions, helping people exercise their mind, intelligence, and body, and not obligating people to live under this system. It looks like there have been some systems similar to this system working in our current society. Such as many religion groups, social welfare groups, and even the government's social care departments. One big difference, however, is that the system is not merely just trying to complement the current system, but also aids people by love to be more capable. Look at the superconductor, which is unbelievable if we try to explain it through classical physics. But if there is no superconductor, there would be no maglev trains, synchrotron radiation, and other important facilities. As today many low-level jobs have been replaced by machines so that many people stay at the third & fourth layers, why don't we give them the chance to be worked just like the electrons near the Fermi energy in a superconductor?

5.2.1. A catalyst and a seed crystal

Let's take the photocatalysts used for solving the air pollution problem as an example. When molecules which is harmful are near the photocatalysts, they will accelerate their reactions. And after

the reaction, the new molecules will be back to the air. Through this mechanism, the air is cleansed little by little. This method is a good method and many social-welfare groups function like this way. Although many people can get benefits from those groups, many of them might not be fit for contributing their abilities to those groups because it is still one kind of job for which some specific personalities and techniques are needed. If they cannot find a way to make money in current society and they also cannot participate in those groups, they just can live as parasites.

I hope this system can also be like a seed crystal, anyone touches it has the possibility to crystalize (participate) with it so that it enlarges this crystal. When they are in this system, they are participating to this system and contributing their abilities to the society, they and other people will not treat them as parasites. Besides, I hope that they can like Cooper pairs in the superconductor to manifest the mighty power of quantum mechanics although they are merely electrons. Even if they want to decouple, they can easily do it.

5.2.1.1. Who is the target?

Of course, the target are those people who are wounded and cannot find a way to escape from their current situation. In families, there are abused children and helpless parents. In schools, there are the students and the teachers who are not adapted to the current education system. In jobs, there are people abused for a long time. In daily life, there are some people who live near or under the baseline for survival.

Usually, hope and love can help them to endure the problems they faced. And on some occasions, those problems might become an exercise, a nutrition for them to be a better person. So, based on the rank of risk, I would say those who have few good interactions with others is the first target. The love and hope are drying up in their minds day by day and it makes them become hidden bombs. The second target I would say they are those kids whose families do not function well. The first reason is that they are the main body of the future society. No matter they like or dislike, they will reflect most of their current lifestyle to their future life. And the second reason is that each family is a sub-system and even a closed system. Maybe the families of their classmates are good, but usually, those are not their business. Because of that, it is hard to find the families in trouble. Or, even if we know, we usually don't know how to help them. It's not so easy to help a family to function well, but we can try to help those kids when they're in schools. Exercising their minds and as a medium to let them see the beauty of other families.

5.2.1.2. Who can help?

By helping others can help the first kind of people. If they have a farm, they might be better than a regular farmer. If they own a grocery store, they might be able to make it a supermarket. Usually,

they just don't have a chance or are not so active. Even sometimes their mind is better than some rich people. They just untrained and do not find the chance to contribute their power.

Therefore, if we can provide chances to the first kind of people to help others, that also helps themselves in fact. In the beginning, we can provide chances for them to make good interactions with schools. Maybe you will say that there are already a lot of teachers, researchers, etc., and school education already has a stable system, it's hard to find extra capacity for them. Well, if we want to provide positions for them, schools do really don't have so many positions for them.

However, if we just want that they can contribute their abilities or perform good interactions with schools, there is no limit for them. By the way, the world of programming is an infinite farm. As long as you want, you can cultivate any kind of program you like. What limits the development and diversity of programs are Commercial interests. Here, we need to thank the contribution of Free Software Foundation. However, as a programmer, although I would like to help freely, I still need to earn money to sustain my life. Although those so-called successful people always say that money will come to you automatically as long as you insist on what you think is valuable; however, the reality is that people usually look down upon you and the life will be tough for you. If a system is based on good interactions and doesn't over-evaluate everything, it will make more people have the will to help others freely.

By the way, many new technologies are developed, they need people to be creative to release their power. These first kind of people have the time and energy to help. At the beginning, it needs a lot of try and error. And many rules and fundamental structures need to be built. It is better to limit their direction to a specific topic in the beginning, such as school education. As it gets better and better, we have both experienced people and available systems that can be applied to other needs.

Why school education? Because it is relatively simple, can affect family education, and has an impact on the future of society.

5.2.2. Specific way

In the previous paragraph, we've briefly talked about who can help and who needs help. In this section, it will show you a feasible scheme.

5.2.2.1. WHO: The people who have the potential to write codes

Everyone has the potential to write code because it's just a language to communicate with machines. The difference lies in stability, practicality and ease of maintenance, etc. By reading others' code, discussing with others, we can improve our coding ability. So, no matter if a person already has a job, as long as they want, they can participate. However, we do not evaluate what they do except that they must have good interactions with others.

5.2.2.2. WHAT: Helping improve the education

Education is not merely for intelligence, but mainly for helping us to have good interactions with others. Within good interactions, we will find problems need to be fixed. To solve a problem, we need some specific knowledges, wisdom and even a strong physique. Education can help us to equip these things to face the problems. In fact, education should also work like a vaccine, using designed problems or troubles – intellectual or spiritual – to train students to have a better attitude to face those troubles in their future lives.

Everyone's talent is very different, and students under today's teaching methods can easily be victims. Ideally, they should learn according to their own progress. Today's technologies have this potential; however, we need many volunteers to make it work.

In addition, in current education system, there are few vaccine-like courses that prompt them to think about how to deal with life problems, such as bullying, domestic violence, or problems of relationships. The same, we need many people in love to help us to design such courses.

5.2.2.3. The requirements for participators

Because the main purpose of this system is to help the participators to engage in high-quality and good interaction, we need to help and encourage them to exercise their mind, intelligence, and body. Therefore, there should be some basic requirements for them.

5.2.2.3.1. Body is important

As a programmer, it would be easy to pay too much time on coding. When we are coding a code, it is easy to stay at a certain posture for a long time which is very bad for our body. Besides, if we are out of a healthy body, it is very difficult to maintain a clear mind and will consume a lot of our energy and time. So, exercising our body should be our duty and right.

We should exercise according to our state. However, how to know what state we are, and what is the suitable exercise for us? Although many Apps for fitness can help us; however, if we have a chance per month to let a fitness instructor correct our workouts would be better.

So, it's a duty that we should exercise regularly and we also have the right to consult a fitness instructor and exercise in gyms regularly. By the way, maybe we can make a monthly consultation as a duty because sometimes a programmer doesn't like to pay too much time on exercising their bodies and talking to others.

Since there are duties and rights, we need a server -- all of us are its members -- to record and judge. Therefore, before we can make this system work, we need to make a server fits our needs.

What's the data sent to the server? We can use Apps to record what exercises we have done. In addition, some volunteers' jobs can be counted as exercise. Who can be a qualified fitness instructor for this server? I think it can work as the relationship between a patient and a doctor and the

government provides something like health insurance since the fitness instructors are not part of this system at this moment.

5.2.2.3.2. Share is important

I think that many programmers are already glad to share with others. However, this system is also trying to encourage someone who is cocooning or just has few good interactions with others to perform good interactions with others, encouraging them to share and do not evaluate their sharing – but it must be a good interaction – can help them to open their heart to others.

What to share? Their works, actions, experiences of success or failure, or what they have learned. At the beginning, since they are members of the server, we can ask them to provide a hyperlink to their weekly online videos such as YouTube per week if no special event happens to them. Just like a company, everyone has their own duties, here, which is to perform good interactions. If they need a break, they also need to ask for leave.

If so, then the question about who and how to determine whether an asking for leave is suitable arises. Maybe we can force the person whose frequency of asking for leave is too high to open the information of where they are and what happens to them so that if someone may have chance to help them, and it is a good interaction to both of them.

Of course, people can come up with a lot of cunning ideas to escape their duties. If we try to make everything transparent might be able to reduce the damage from that kind of behavior.

At the beginning, just for the one whose App is on the stores of Microsoft, Google and Apple and is free and no ad.

As I have mentioned that we need a server to deal with our needs – to handle an unusual organization. So, at its beginning, we cannot let too many people involve and we hope that they can help to make the server and the system better. A person who has non-commercial Apps on those popular App's stores already has the potential to find the source of a problem and to help to make the server better.

No matter their Apps are suitable for the masses, or for a specific group, or even just for a few people, their starting point is to help others. I think most of this kind of people would be glad to help others, and would like to pay their time and energy based on love to solve a problem, and would be glad to learn new things when they need them. Perhaps some of them aren't used to cooperate with others; however, this system would encourage them to share their works with others. As long as they are under good interactions, I think they someday will find a way to solve some problems together. Just like Wikipedia, or many projects in GitHub, they will find a way and what we need to do is supporting them to perform good interactions. Think of Linux, it is generated by Linus originally. Now, it's a contribution of tons of programmers.

In the beginning, let them focus on finding and solving education problems would be better.

5.2.2.3.3. Acknowledgment is important

Some people do not care about others' feeling or they have less empathy to others. Sometimes their environment or education makes them so, and sometimes that is related to their personality. There is nothing wrong with it, because in some cases we do really need to be so. However, appreciating others' efforts is important for sharing. Taking other people's efforts for granted, or even sneering at them, is often a source of bad interaction. By the way, if their works are useful for us, our acknowledgment is an encouragement to them. Even if their works are useless or totally wrong, our appreciation for their efforts would help them and us to focus on the problems themselves instead of on them or their efforts.

Maybe we can make it a pre-action routine to appreciate people for their efforts.

5.2.2.4. The benefits for participators

Since this is a system on which people can live, it should not only require people to perform their duties, but also take care of their basic needs. Here, I want to talk about what we can provide them.

5.2.2.4.1. Money

Although this system doesn't want to over-evaluate people and run it with money, its members are still citizens of a society which is worked by money. By the way, at the beginning of this system, it is hard to let them can get enough resource to live. So, sometimes they still need money to buy something for their needs.

Maybe we can let people can write proposals to apply some money for projects which need some money, and we also can make it easy for those who don't have income to get a basic amount of money to support their lives. Since social assistance is intended to help those in need, shouldn't those who are willing to share deserve it?

5.2.2.4.2. Food and live

Food and a sleeping place are the basic needs of a human. When we travel, these two things must be considered daily. If this system could handle these things, people can nearly need no money to live.

By the way, since at this moment, they should focus on education problems and some schools or some insensitive military facilities provide food and dorm, is it possible to provide them food and sleeping place by these facilities? We can ask them to use their ID cards to eat and find a sleeping place. Then, by scanning their ID cards, we can get their whereabouts and what they have acquired.

Because this resource is limited, we should make it as the system used by hotels from which people can check online if there are rooms to borrow and food available. The difference is that both of them can participate and share what they have.

The benefit is that we can make those who don't like to interact with others interact based on their pace. And from the good interaction, it might stimulate some good ideas. Besides, why do people change from a nomadic lifestyle to a settlement? Food and shelter are the main reason. If these two main requirements are fulfilled, just like electrons of Cooper pairs, people can have more good interactions with people far from them.

However, of course, we also have to consider something like campus safety. How to avoid bad interaction should be the first priority.

5.2.2.4.3. Public transportation

Since we want them to interact in a wide-range, by web just can make their messages, ideas non-locally. However, if we want to have the 5 senses' or even 6 senses' interactions with the environment or other people, we still need real-world and immersive experience. If we can let them take public transportation freely by their ID cards, it will encourage them to interact widely. Because they use their ID card to take a ride, we and they can know where they've ever been. By that data, we can work like advertising companies to post demands to suitable members or give them some advice.

Will the government pay a lot for this? Even if you just evaluate it based on money, it does not take a lot because just few people would like to take long-distance transportation daily. In fact, the government can earn more than what they pay. Good interactions are the fountain of positive creative thoughts. They are not just positive relationships; they might even be n -square relationships.

Besides, if people become like living a nomadic life, it will be easier to do urban renewal or disaster prevention, etc. Previously, because of non-plentiful resource and without good technologies, many people have to settle in a place or factory, it may be better to return to nomadic ways if we want to increase the number of good interactions. And, convenient public transportation is one of its conditions.

5.2.2.4.4. Clothes (private and public)

Clothes are one kind of private and necessary objects. Because clothes are necessary and usually, we cannot make by ourselves, we can only get them through money or donated materials. And that's why I said previously that we need to give the needy ones a basic amount of money at the beginning of this system. Giving them underwear freely needs some limitations especially for people who are unbridled and not self-restraint. However, if we can solve this problem, we are getting close to the moneyless lifestyle.

Besides, the reason why clothes are private, in addition to the personal sense of beauty, the biggest problem is related to hygiene. If we can use some materials which are good to wear and easy to clean to make clothes, we can make some clothes be shareable. By the way, just like the books in a library,

they also can borrow clothes they like. Later on, maybe we can make a library a center for intangible knowledge, skills, etc., and for shareable objects. Since all of them based on the concept of sharing, we can use a similar way to manage them. Furthermore, if a well-defined knowledge chain has been built up, we could use it to qualify a person whether they have the ability to use some public instruments. If we set an object which can only be used by someone, it becomes a concept of private. By this way, we even can provide a small quota for everyone and they can get their stuffs anywhere when they want just like we can withdraw money from ATMs and banks everywhere.

For making this work, people should be well-prepared, i.e. used to perform good interactions, and a well-designed infrastructure. Just as the main reason why the Beautiful Land said in the Bible is beautiful is that the people who live on it love each other, people should be well-trained to be able to against the influence and temptation of bad interactions.

Therefore, I put this part in next session. And at this moment, at most, we can provide them some clothes freely.

5.2.2.5. THEN?

All previous discussions are just the first step, the beginning. In which we just want to use the power of those cocooning people to write Apps to help to improve our education system and want to guide them back to society with good interactions and help them survive with better minds and health.

This step might take time to find out problems and improve this system. At the same time, it's also a kind of display and proclaim: "As long as you would like to perform good interactions among people, you can survive and you are important for all of us. And performing good interactions is a duty as we are humans."

After decades of operation and revision, there should be a number of experienced and willing-to-share programmers and many useful programs for education. Then the second step is to make the proclaim a reality. Writing-code-related interactions are just part of good interactions, we need to include other good interactions into this system little by little. Anyway, we need people to write code to deal with the controlling and logical parts and that's why we need to find out a lot of programmers at first. It has to be done little by little because we are used to evaluating things so that we need to reduce the opportunity to have the thought of over-evaluating things. Over-evaluation is prone to induce over-comparison and division.

I've been thinking about why battle games, such as Clash Royale, are so popular. What they get is all virtual! They pay for those games just because gamers think those virtual things are valuable! At least one thing is clear that they earn strategies, skills, reputation and some useful virtual things for playing those games by paying their time in those games. Here, I can't help but think that if we can extend

the concept of blockchain into a knowledge-chain, we can use that knowledge-chain to find a suitable person or group to deal with a specific good interaction. Whether you can do something is no longer determined by money or social status, but whether you have the ability to handle it, and the knowledge-chain can help to judge it. So, for kids, they also can make good interactions; however, those interactions need just a little skill. For example, if they want to use a saw for their project, they cannot saw by themselves, but they can ask someone who knows exactly how to use a saw to help them.

However, every time I was brainstorming, I tended to think about how to find a way to evaluate what people do. That's fine; however, then usually I would get into the path of over-evaluation and then the picture of struggle, lie, etc., would show up in my mind. It's hard to avoid because I've been used to the current system and I'll tend to think based on the world of money. But I believe that people will gradually have clearer and more complete ideas and practices after people participate in this system for a period of time. Therefore, the following is just a brief idea about what the next is.

5.2.2.5.1. Coding for needs not for money

Once the running for education is on the rail, we can try to copy these experiences and results in other fields. For example, to solve problems that occur in a family or society. If how to construct a knowledge-chain is clear and the basic structure of the knowledge-chain has been built, it can be extended to those fields.

Why do we need an enormous number of programmers who do not code for money but for good interactions? If we look closely at our daily life, we will find that there is still a lot more to improve. Like the Apps I write, after I've been using it for a while, I can always find some inconvenient or inadequate parts. We can try to find methods to improve them; however, we usually do not. Why? To change something takes time, resources, and sometimes it asks you to gain some skills and knowledge. And you even need to exercise yourself to have the ability to make the change.

If we just write code for money, it does not focus on true needs directly. The programmers might try to create useless or even harmful need to earn some money. However, many improvements need people to make changes to their habit and it might not be so delightful at the beginning. Therefore, they would be easily ignored and those programmers who write them can only make less or no money. It means that this mechanism will suppress many good ideas. Once the good interactions are upheld, there will be a lot of needs waiting for improvement. Encourage coding not for money but for true needs can truly help this society, the FSF (Free Software Foundation) is an example. We need more people to do so because there are many true needs need people to solve.

5.2.2.5.2. Sharing objects, such as experimental instruments for elementary schools

What has been discussed earlier is mainly abstract things such as ideas, concepts, and programs. They're unlike the real objects; they are easier to transfer, replicate, and are basically infinite. Once people get used to sharing these abstract things, we can start getting people to share real objects.

Since we start with school education, we can try to share those experimental instruments of elementary schools. The reason is that those experimental instruments, e.g. microscope, are just used merely a few times a year and are not hard to be used. Why not collect them and organize them in a specific institution, such as a library. Since people can borrow books from a library, i.e. abstract knowledges, why not to let people can get the experience or borrow some tools which is not usually used from it? To make it work, a well-built knowledge-chain is needed. If a person wants to teach others or use those tools, they should be qualified. So, if they want to make their lives more colorful, they need to pay more attention to what they love.

Besides, like multimeters, we rarely use them in our daily lives; however, it is an important tool when we want to fix some electric-circuit problem. Sometimes we may have some ideas and want to test them; however, out of these tools and space and time will stop us. Sharing these equipments can increase its usage rate. Just like a species, the stimulation of life is the base of its evolution, our using is the base of the evolution of equipment. How to increase the usage rate of an equipment to speed up its evolution? Sharing both an equipment and its usage experiences is a direct way.

5.2.2.5.2.1. Need people to fix and maintain these instruments and share their experiences

Just like books, tools and instruments also need people pay attention to maintain them. And, it is more complicate to maintain tools and instruments. If we collect schools' experimental equipments and let them be managed by libraries, after pre-scheduling each school's borrowing dates, these equipments can also be opened to the public for borrowing. Although we need to design suitable ways to deliver these equipments, those relevant teachers of each school are ready-made maintainers. Since there are many teachers for maintaining, the crew members of each turn can be one veteran with several apprentices. They can try to build and refine the SOP for each equipment during each turn. Because these equipments are shared anytime with anyone who wants to use or to learn something, there must be some good ideas coming up and some people wanting to share their knowledge with others. If so, we might think that most of the time, a veteran would work with almost useless apprentices and should spend more time and energy looking after them. However, as I have said, the main purpose of this system is to encourage people to perform good interaction with each other. An expert is too focus to un-see other possibilities, a good question solves most part of a problem.

Another question is about how to evaluate a turn. Since we don't want to over-evaluate, we do not simply use a number such as money to set a price for it. As long as you want to do good to others, you worth to live in this society. What we need to evaluate is about the stuffs and things themselves. For example, which microscopes' lenses have been maintained or which mechanical problems have been solved by what way, etc. The veteran also needs to identify the skills and proficiency of each apprentice, which is just for things done not for money.

However, those equipments are unlike Apps, the wrong way to use these equipments can be very dangerous. And that is why it should work upon the teacher-apprentice system to help people to make mental dry-run. By the way, we even can use virtual reality to perform the dry-run. Who make the program of virtual reality? Programmers! Besides, it is easy to push people to over-evaluate the work down by people. Therefore, the step of encouraging people to write code for helping others should have run on the rail before this step. If the spirit of performing good interactions does not become basic value system of most people, this step might become a hotbed of bad interactions.

After this mechanism is accepted by people and has run well for a period, we even can try to share some new stuffs as we share new books in a library or some equipments which requires some special conditions, e.g. too heavy or localized, as some books which can only be read inside a library.

Again, this is strongly related to a well-designed knowledge chain. Is it very difficult? If it is just maintained by a few people, it will be very hard. However, Wikipedia and IoT today are both good examples, their contents are evolving instead of fixed answers. What is the cause and source of these evolution? We are. Even if we use machine learning or AI to perform some tasks, their basic spirit is from us. What we are makes what they are.

5.2.2.5.3. Living places, farming places and restaurants maintained by themselves

Once the thought of sharing ideas and objects has been rooted in most people's hearts, we can try to make this system a self-sufficiency. However, it does not want to make a system isolated from our society, but become a system to help our society to walk on the right way. Since the original system is a self-sufficient one, this system should should have the same ability, too.

However, if these are maintained by themselves, there must be the obedience. And the obedience is the source of conflict which will damage the task. It is usually solved by position, status or authorization outwardly; however, the negative emotion or thought might be hidden in their minds. Just like that we sometimes hear some people complain that if they didn't need to win the bread, they would have quit the job. For this kind of people, we can get some hints. 1. Although there is something or someone stinging their minds continually, they don't find the way to escape because it is a day by day job. 2. At least one of them does not work for performing good interaction and their

views are narrowed so that even a dust-like small thing can enrage them. 3. Maybe those jobs do not match their abilities, personality, or objective or subjective conditions at that moment. By the way, if the one does bad to others is a manager, the damage will be even greater.

According to the 1st hint, we can make these regular tasks to change their workers periodically. If the knowledge-chain is created and updated accurately and the position of each involved person on this knowledge-chain is tested regularly, we can easily find suitable participators using the concept been used in many online games such as Bed Wars. If the player is not satisfied with their play, they can play again in next play. To participate or not is based on themselves, they can quit and must quit once the short task is end. However, some tasks may not be so attractive, such as toilet-sweeping chores. For these tasks, maybe we can weight each of them daily for each person. The longer time they don't participate a task, that task's weight will increase for them. By the way, they also can create new tasks related to that task to find solutions to cover its boring or dangerous part. This is the evolution of a task. How to avoid too many redundant and controversial tasks being generated, making every task transparent is a possible way. Just like Github, the contributors do the coding part and all of us can see what they have done and give them comments. So, making a live video for an action type task might be a way.

According to the 2nd hint, how to enlarge a person's view and mind is important. Praise and thanksgiving before doing anything can prepare our minds start from a good and correct point. Review a task with gratitude as its ending will enlarge a person's view and mind. Regular participation in educational activities is also helpful. Based on the knowledge-chain, they can be a guider and a follower at the same time. No matter what kind of roles they are, these roles will mature them.

According to the 3rd hint, personnel changes should not only be done by hand-over, it should include staggered even overlapping arrangements. At these positions, making things done correctly is very important since their mistakes may cause irreparable regret. No matter how professional you are in a field, you'll get rusty if you don't touch it for a long time. The zigzagging type of arrangement can help you to recall your profession and to adapt to this position when you co-work with the previous one. Moreover, maybe there should be more than one people on a position to reduce the possibility of making errors or doing bad to others. The efficiency might be sacrificed; however, if most of them want to do good to all people, they will speed up if the speed is an important issue.

5.2.2.5.4. To buy lands, farms, etc. by selling excess production

If they are really running all of those in love, their work will be an attraction to people. Whether it's a production or a service, it is always possible to exceed internal needs. Here are two different ways to evaluate things. One is based on good interaction itself, the other one is based on evaluating things by money. Since that, it is not suitable to set a price to this kind of production or service because doing

good to others is its base. By donation or charity? For me, I don't like the feeling of giving us money because we are doing good to others. It feels like using people's love or morality to blackmail people. I've ever seen a news that a retired woman in the UK committed suicide because she couldn't stand regular donations and related requests for assistance. Her money is only enough for herself to live in this money world; however, her ethics ask her to donate it. In fact, her value is uncountable. She still could do a lot of good works to others; however, these charities don't offer a simple way to do good to others except by donating money.

In quantum mechanics, every operation should be reversible. In fact, even in Newton's Law, any action should be reversible. However, this is a complex world, too many conditions that we cannot control and that's why we need to take the idea of thermodynamics into our system because it is hard to say that we can control everything. In the past decades, quantum mechanics helps us using less energy and time to perform a logic operation. We even can let them work in room temperature. For today, people even want to use the information carried by particles directly to reduce a million years calculation to a few seconds. There are two challenges: information loss because of heat and abnormal algorithms to use this information. So, you can see recently all quantum computers work at the temperature close to absolute zero and welcome people to design a new algorithm for them since current tons algorithms can't be used in quantum computing. Similarly, what this system can achieve is still an unknown region and need those well-prepared people to invent new algorithms which is still discovered by nobody.

In previous section and this one, real materials or fields or places are all finite, the conflict (say heat or irreversible) will occur. The previous section is talking about the heat generated by the operation itself; however, in this section, the heat comes from out of this system. For the heat(conflicts) coming out from inside, we can try to let the members have less reactions with irreversible stuffs, i.e., let machines to handle these stuffs and it takes time to develop. There's no best way but a suitable way which evolves continually. However, it is another story when the heat comes from outside the system. In physics, we do not use this heat directly, we transform it to some other kinds of energy, such as Electromagnetic field or wave. We cannot always transform it efficiently; however, that's the cost we must pay depending on our technical capabilities. Based on this concept, we cannot sell or receive donations directly.

Besides, the state of each participator should also be considered. 1. Although a person's daily need is not much; however, the money world encourages every people to prepare more for themselves since no one knows what will happen in the future. When some minds of them are filled with fear, it will turn them to act like locusts. It will be a harm to this whole system. 2. Because at this moment this system will produce food, provide living places, etc., some people in the money world may feel that

their market would be threatened. Protests, prejudice, and even discrimination may arise. 3. Some people or organizations in current world are used to exploiting other people, such as underworlds and unconscionable companies. Because this system aims to encourage people to do good to others and support their daily life as long as they perform good interaction with others, this system may be a threat and obstacle to them. The means of disinformation, destruction, differentiation, infiltration and internal destruction are likely to be used by them.

These are happening daily in our money world. Because this system wants to function like an air filter for this world to clean up dirt and cool down this human world, we cannot isolate this system like what a quantum computer does. Therefore, that's why we should develop this system step by step: from abstract to reality; from infinite to finite; from not essential to necessary. The more people accept the spirit of this system, the more people would like to do good to others even they're in the money world so that the less those three threats will occur. That's why this step is put in the last one.

However, we still need to deal with these threats. For the first one, we can count how much to produce before each task. Then satisfying the participants' on-the-spot needs first. If the product is something like food, they can wrap the excess one. If there's still anything left, leave it to the government since before this step all of these are provided by the government. By the way, all of these should be transparent.

For the second one, to avoid a rapid and excessive impact on the original market, the government maybe can sell just those surplus products above market prices. If people in the money world would like to get these products freely, they can participate temporarily. But it's just for themselves. By this way, we can open a door for this system to spread this spirit to all people. This system not only provides them a chance to get daily needs freely, but also extends people's view — usually people just link these needs to prices and this is a source of fear. Knowing truth frees people from fear and leads people to cherish what they get. The result is stable prices and taking fewer prices gradually. Although this step will eliminate those poor-quality stores, but did not break their right to exist. From this system they have the chance to find what career they do really want to spend their life and passion for and can find the way to hone their skills for their enthusiasm. Or to become something like pluripotent stem cells in human body; if needed, they can turn to become any kind of cell to help our body to recover from many irreversible injuries. However, their landlords, who get money without effort, will feel the stress and may try to obstruct this process. Let's talk about this in the next list. Anyway, if the people of the country are polite, law-abiding, and loving each other, this process may be a smooth one. Hope so. Does lower price mean poor since getting fewer amount of money? No. In fact, the quality of products in the market is higher. For the same quality in other countries these products worth higher price and your country may become the pronoun of high quality. What

will happen is that they should pay more to buy your products and currencies. Your currency becomes a strong one. By the way, although there will be fewer money flows in the market, it's not caused by fear but based on doing good to each other and with clear understanding. Their essentials are different. Back to the excesses sold by the government, I think it would be better for the government to get those money and all of these should be transparent. Because originally the living places, food and even the relief payments for some of them are spent by the government, it deserves to get this income. Then, as more and more people get involved, the money can also be used to buy lands from landlords to produce more food and provide more living places. Furthermore, in order to construct an environment with no money (heat), at beginning, we can try to invite someone who is highly relied on this system and just get income from the relief payment. During the experiment, there's no relief payment anymore; however, they can use their cards to buy things which is necessary, e.g. surgery. Track their use, understand their feelings, and ask them to provide feedback for improvements; then, realize it. When the execution is stable, the scale of the experiment can be expanded further. This step should be very careful, just like the extra cold system in quantum computers, any tiny perturbations might wash out the information we carefully maintained. Once this extra cold subsystem is built, we can try to find some new algorithms to speed up the evolution of our society and science with less damage and negative things.

For the third one, when someone deliberately destroys, we can simply refer it to current judicial system. Although this system encourages people to do good to others that will awake their heart of love and trust to each other, this part asks people to keep reasonable doubt and caution in their heart. Making a process transparent can eliminate parts of this anxiety. One of the methods might be to record live video which can be used for experience transfer and improvements. Or, by the abilities of animals or instruments such as mass spectrometer to detect harmful substances in the air or food. Since the good operation of this system is strongly related to the beauty of heart of people, it is more than rapid expansion that every facility makes people feel that their well-being is valued.

5.2.2.5.5. Aids from old couples for novice parents

Because the caregiver has a great impact on the children's personality, how to help and educate these caregivers actively can actually reduce many social problems. However, just like a Chinese proverb says, "Even an upright official is hard to settle family troubles", it might be better to replace preaching with hands-on experience. Many old couples have good experiences about how to get along with their families and raise their children, and they have free time— a lot of. Why do we let them perish with lonely days and self-degradation? They may be out of date with new technology; however, the

virtue of human nature is constant. Each old couple is a spiritual dish for these novice parents. The key issue is not their knowledge, but how they live with a family and their attitudes to their life.

In Japan, about 4%, 12% and 18% are under 5, under 15 and older than 75, respectively. Obviously, in terms of number alone, it's more than enough for each child under 5 to be looked after by one or two old couples. The biggest obstacle is related to the bad interactions which might appear when they live together and after that time period, e.g., stealing, violence, sex crime, etc. Among these problems, sex crime is the most nerve-wracking one. Look at animals, when would they be extremely cruel to their species? In the estrous cycle and courting period. Therefore, how to choose and protect these instructors, i.e., old couples, is a key issue of this step.

First of all, looking for old couples who have children with integrity and would like to help next generation. Then, preparing living places with special designs for caring for them. If they would like, their original house can be one of this kind of living places which will be cleaned and maintained regularly; by the way, having security and live recording when a family of a novice parents is accommodated. I think that living together for three days is enough for them to know each other and to transfer some life wisdom and attitude which are hard to be expressed by words. Second, before every reception, even during that period, they need to be warned to remember that "the family they host might be problematic, please be patient with their problems for the soundness of their kids; by the way, they might confuse between the romantic love and family love since they are young, your mistake may devastate your and their families." Third, invite single moms and single dads who are poor to attend this system plus this sub-system to get the feeling of family love, to heal their spiritual wounds, and to regain the strength to perform good interaction with others, including their kids. So, they can launch events like meetings, classes, etc., to aid them to raise their children. Fourth, by monthly or half-monthly experiences with different old couples to find the problems and to improve this mechanism. Then we can try to invite other kinds of old people and families to participate these meetings, classes, etc., to let more people gain the benefit from loving each other and to educate them. To be an instructor, no matter they are old or young, they must pass needed certifications on the knowledge-chain. Since the old couples here are mainly to set examples, they should be chosen carefully.

6. Conclusion

What a happy thing to be born in this generation. By understanding the law of nature deeper and deeper, we've created many equipments and facilities which are much powerful than us. Compare with them in the aspects of strength, speed, tedious logic operation, or even decision-making, they are much better than us nowadays. Besides, based on these equipments and facilities, we can easily

transfer stuffs and information efficiently. In addition, thanks to the machinery and control automation of agriculture and industry, people no longer need to live in a place for a long time. As a result, goods, manpower, and information can flow quickly around the world.

Although these machines made by us are powerful than us, we human beings are still invincible in terms of adaptability and elasticity. If this world was a human body, steel would be suitable than us to be exoskeleton; machine would be stronger than us to be muscle; internet would be better than pigeon and us to be nerve system; even AI would be better than us to be brain. Then, what are we? There's one kind of cell named stem cell which are associated with the ability of recovery and regeneration and we can be this kind of cell. When a kid is growing or an organ gets hurt, this kind of cell can help the body to grow or recover; if needed, they even can turn to be needed type of cell. For us, we do not need to be a machine, but we can design a new improved machine to substitute the old or even broken one. Think of that, if there's no evolution happened in OS, the benefits from many new technologies couldn't be used and manifested on our devices, such as our mobile phones. Although these stem cells usually seem to be ineffective, lack of them or their activity will be a health problem to a human body.

Many people will out of job because many jobs are occupied by machines. How to turn them to be useful, active stem cells instead of cancer cells? A stem cell is worked for the benefit of the body; however, a cancer cell functions for its own benefit no matter whether it will hurt others. We need a system to encourage people to perform good interactions to each other and this environment including these machines, and promise them that they can stand in this system as long as they do good to each other.

This system should not be motivated by money, but by the love, happiness, and the sense of accomplishment from their good interactions. Money roughly maps everything to a number and of course it is irreversible in the language of physics since this number can be mapped to any other things by human beings. This mapping simplifies many decision-making processes so that it can trigger many interactions in shorter time; however, just like heat in thermodynamics, many of them are useless or even causing problems to the system and those bad interactions are the costs that we must pay. Maybe you want to say, usually we see no bad interaction in a small transaction. In fact, it just like the simple cases we study based on Newton's law or Quantum mechanics which are reversible. These laws dominate all actions. But when the case is a complex one, although these laws still work, the idea of probability (or heat) should be considered since it's too complex to trace all its tiny components and that process becomes an irreversible one. Sadly, evaluating things by money itself is already irreversible. Back to the question, e.g., buying an apple. We usually don't see any bad interaction. I think the reason is that there're a lot of mind-related activities in it and these activities

are the source of any interactions. Money just catalyzes them. If you are the seller, you might give the apple freely because you have a heart for the poor condition of the buyer, or you just sell at an announced price because you have confidence in the government's pricing, and believe the buyer would accept that price. If you are the buyer, you might want to pay more because you pity the seller who are facing some difficulties. All of these are mind or spirit actions. However, if you can take a snapshot of all this kind of transactions, you will find many problems related to price and quality — difference of values. In addition, since the spirit of pricing (mapping to a number) everything is to simplify and speed up all process, it's easy to make our hearts impetuous and to evaluate other people roughly. Discrimination, snobbery, and other things that undermine social harmony will only increase. So, trying to use money to encourage people to perform good interactions will decline human beings' good virtue gradually. This effect conflicts with this system's main purpose.

However, just like the cooling device, we still need to use heat to pull heat out from the cooling system. Therefore, at the beginning, we can encourage those cocooning people to try to program for someone who need help since software is almost limitless and duplicable and those people just use money occasionally. Try to encourage them to do good to others. Since many everyday needs still need to be bought with money, we need to give them enough money for survive at the beginning. Then, try to find available free public transit, dynamic living places, and food, and even clothes to reduce the impact from money. If they find someone wants to hire them and they also want to do since they can earn no money from this system (but they can learn some skills, meet different people, do good to others, and enjoy the recovery from the true love), that is good since the main purpose of this system is to provide a field for them to recover them. Based on these experiences and works done by these people, we can improve this system to be able to load more people to let more people can enjoy life based on good interactions instead of money. At this step, this system works like a catalyst to encourage the happen of reactions we wanted to reduce the unnecessary heat and damage.

Is that all? Inspired by quantum mechanics, perhaps we too belittle the power of the goodness of human nature. In a hot environment, these quantum effects are suppressed. However, nowadays we see the beauty of quantum mechanics and these effects can be easily seen in lower temperature environments. There are many examples in history, such as the revolutions of 1989 which is the result of desire and love of people. If we wanted to achieve this goal by money or force, it should have taken a lot of blood and time. By the way, most people have a variety of talents; however, social values and the need for survival hinder many of them from making good use of their talents. They just work like a machine — in fact, in the future, their jobs might be replaced by machines. No passion, even no hope. Many of them use TV, social media, online games to anesthetize themselves. That's really a waste.

In fact, online games provide an interesting mechanism to rate your attributes according to what you've achieved. Then your levels determine what kind of stages you can play. Unlike an ordinary job which is a collection of similar events and even turned to be a routine; in online games, each event (stage) is a small game. For this purpose, we need a more detailed certification system to form a knowledge-and-skill tree instead of rough qualifications such as diplomas or certificates.

Sounds like temp workers do; however, their foundations are different. You can find examples in many church meetings. After praying, the saints begin to adopt mission to complete those meetings: Some of them greet people, some cook foods, some arrange chairs and tables, and some even do nothing — just to enjoy the love manifested from these saints. What push them to do so is the growing love and joy. Money cannot buy this kind of happiness. However, it is not the story for a temp worker since they work for money and sometimes their income is not enough for them to maintain their daily life. The more this kind of job they do, the more anxiety, uneasiness, discontent, and even resentment arise in their minds. In fact, many of this kind of jobs can be done more efficiently by well-designed machines based on their experiences, opinions, and even their skills. In my opinion, this is a huge waste.

People without jobs are the source of social chaos? No, people who won't perform good interactions are the source of social chaos. Guiding them to do good to others is much better than creating a lot of low-tech jobs which can be replaced by machines — in fact, it also hinders the development of technology.

Afraid that people will become lazy? Come on! Compared with well-designed machines many of us are lazy. They can work continuously, efficiently, and even accurately. In this world, no man can do so. Paying their time to develop these well-designed machines is more valuable. The possible problem we might worry about is that people might without motivation and passion to do things. However, I think that might not be a problem as long as an event or action can stir up those participators' will to complete it by contributing their abilities. Imitating GitHub or online games, such as Hypixel or Clash Royale, might be a good way to start because at beginning we will focus only on developing software to solve people's problems. Its basic components are "project > event > cell". For example, some projects are essential, such as maintaining the healthy of enrollees, and these projects will open some events which might be raised by some of these enrollees regularly, and then in each event there're many roles (cells) for them to participate. These events can be gym courses or some actions to help others such as clean up the beaches. Making everything transparent, i.e., even taking live videos like what church or Clash Royale do so that people can help to improve these events and to share experiences (I usually saw my son sharing the videos of his battles of Clash Royale with his friends when he felt that he made a good fight). Then, some events must require

some specific skills or knowledge to participate. If you want to participate, hone your skill and knowledge at first. For me and my son to conquer challenges can make us happy and I believe so do many people.

Give every people a chance to live based on performing good interactions instead of on money.

7. Epilogue for COVID-19

I have taken one year to write this article. And today, 2020/04/08, we are facing a threat from COVID-19. Because some infected people are asymptomatic, infection is infectious in the early stages and the period of severe illness is not short, it spreads quickly and tends to drag down the medical system. However, before vaccines and drugs are developed, identifying the source and slowing the spread is currently the way.

For the aspect of identifying the source, it might not be so hard for this system. Since every event are transparent, the information of who, which, when and where the infected one has contacted can be easily identified. Based on this network, we can ask them to isolate themselves and screen them. With the emergence of the list of confirmed patients, it's possible to find out who the source is. Besides, since this system encourages people to do good to others, those informed people will be more willing to cooperate with epidemic prevention and other people will try to help them, too.

For the aspect of slowing the spread, by teaching people how to protect themselves and limiting their space or physical contact to achieve the goal. However, in our current society, there are five kinds of people who might be the epidemic prevention loopholes. 1. People who have to work in order to live, e.g., ordinary workers. 2. People who like to physically contact people, even claustrophobia. 3. People who are greedy or self-serving. 4. People who have grudges or resentment of society. 5. People who receive wrong information or guidelines. Let's see what the difficulties that we are facing and how to solve them when this system works well.

First, because these people work like parts of a machine, they still have to unless their bosses say they can't go to work or can work at home. Although they know taking public transportation will put them in a high-risk environment to be infected, they still have to go to work with anxiety and even with resentment. To add hail to snow, some companies, such as tourism industry, have to ask their employees for unpaid leave or even lay off these employees because of the sharp decline in business. Negative emotions such as anxiety and fear among these people with livelihood problems can also affect our society. For surviving, some of them have to go out to find a job. Where's the rest place for their hearts? This system can be since it's made up of events which are very flexible. Just reduce the

number of physically contacted events and then open new events to discuss and resolve emerging issues. Everyone is a living individual and no longer a fixed part of a machine.

How about the second kind of people? Maybe that's related to their natural instinct just like dogs prefer outdoor. Of course, that we can say they should stay at home for over ten days to prevent the spread of illness; however, that's in conflict with their nature and makes them very uncomfortable so that they intentionally or unintentionally hinder or violate the rule. Unfortunately, usually this kind of people also have a higher level in our society. Some of them will use their power to avoid the execution of limiting some personal freedom for a while even that is necessary. By the way, even they are asked for quarantine, they might sneak away from their homes and become epidemic prevention loopholes. Hm? It looks like the situation might be worse in this system since it encourages people to have good contact with other people. However, it does not. Think of that, for most of us, after ignoring the people we met during commutes and in business, we just contact several acquaintances; and for most people, we just stay outdoors for a while; moreover, the dishonesty is another issue. And the solution of these requirements and issue can be found in this method. The problem of dishonesty will bring a lot of trouble to the epidemic prevention workers and even leads to the failure of epidemic prevention. For this system, its advantage is that people will be more compassionate and encouraged to do things openly and fairly so that it can eliminate this problem efficiently. About the time to go outside, we can make this as a personal event. When people cannot endure quarantine and ask for making an event to go outside which is unnecessary during no epidemic time, give them the time period and range of activity to prevent unnecessary physical contact. To be safer, we can also send robots to disinfect public areas regularly. By this way, we can softly separate people into many small quasi-isolated regions and still have time to go outside. Over time, people who have been screened can form a larger block with some of their healthy neighbors which allows some events with physical contact. Combine these blocks gradually. If there's a sudden problem which happens in a block, usually we just need to quarantine people inside that block and the remaining blocks are not affected. Back to the social problems, if someone cannot help but want to have physical contact with people or can't stand living with their families in the early stages of the epidemic, how to help them? Since everyone in this system is encouraged to attend events everywhere, to live like a traveler wouldn't be a problem. Maybe we can make a kind of room like a LEGO brick or a Voronoi cell so that we can easily deliver, assemble, and disinfect this kind of room to form a small inn. During the early stage of the epidemic, quasi-healthy people can request a long-term event to live alone or to form a small community. If no one disagrees and can find needed support and space, as long as it doesn't cause the spread of the epidemic, why not?

About the third kind of people, the chance of no crowd or lower price in a popular scenic area is an incentive to them. They might even think that they'll never be so unlucky to be infected and even if people are infected because of them, they might think that is someone else's problem and unwilling to cooperate with the epidemic prevention. The current way is to punish or persuade them. For this system, it's almost impossible to have this problem since people can go with free mass transit to tourist spots. Unless it is necessary, who wants to go to the high-risk space? And since this system encourages people to do good to others, it will make this kind of people less.

Um... About the fourth kind of person, I think they are the most dangerous ones. They are usually in a low social and economic status, so when they're ill, they will try to hide it, just like what Typhoid Mary did. Moreover, some of them might treat themselves as an epidemic bomb to spread their ill purposely. It will make the epidemic has no ending. Well, this system is trying to heal the wound of these broken hearts through good interactions to wake up the goodness part of their mind. Yes, this system is not a quick-acting medicine, but it's a fundamental solution to people's problem.

Finally, about the occurrence of the wrong information problem, it might be generated by misunderstanding or intentionally. In today's world of fast and stimulating, misperception can easily occur. For example, a reporter wants to quickly post and attract more attention, they might use creepy title and content to present it, and in fact they do not really understand. So, a wrong message is generated. Sadly, we readers usually also think that time is precious and believe that message without careful thinking. In this system, this kind of problem will occur less often since people want to do good to others rather than how much attention they get. So, people will focus on the truth instead of how many reports they generate per day. By the way, the fake information generated by misinterpreting an event or from nothing is usually malicious. When malicious lies are used in a war, sometimes they are enough to subvert a country by creating internal contradictions. If the spirit of do good to others has been rooted into people's minds, this kind of lie is hard to function. In other words, if this system works well, it will be immune to this kind of lie. Then, how about white lies? For example, to hide the information of the outbreak of COVID-19 for fear of causing collective panic. Although the initial purpose can be achieved, but whether or not it really gets through the difficulty, it reduces people's trust. And usually it will mislead doctors, scientists, experts and people and miss the time to solve the problem. People speak white lies usually when they worry that the listeners' hearts are not ready to bear the truth. Escape is often useless, and how to get people's mind ready is the key point. In Christian history, we can see many examples about how they go through difficulties in despair by praying. They don't need to use white lies. By praying alone or together, their hearts get rest at first. Then they know they're not alone, they don't need to face the difficulties by themselves only. And they know that someone else are dealing with the same difficulties, too. Moreover, they

believe God is stand with them. If God will, God will help them. Or as Confucius said in 大學之道(The Way of Ultimate Wisdom), 『知止而後有定，定而後能靜，靜而後能安，安而後能慮，慮而後能得』 (“Acknowledgment of such an ultimate terminus of trinity provides a focus; having a focus enables calmness; a calm demeanor brings about tranquility; a tranquil mind allows for clear deliberation; clear deliberation leads to attainment of wisdom.” From <https://28utscprojects.wordpress.com/2011/03/01/英譯-孔子-大學之道/>) In fact, if we use these steps to deal with everything, everything will become a nutrient to us and we will have the wisdom and courage to face its result. Therefore, if we do really want to solve a difficulty, helping people to prepare their minds to calmly and firmly know that to pass through the difficulty we need each other and many people are dealing with it as we are.

However, our current society cares the attainment (result) itself more than what’s state we are in to gain the achievement. That’s why this system wants its participators to appreciate and cherish others and even pray for the success of the event before they start any event. Trying to help them turn what has said in 大學(The Way of Ultimate Wisdom) into habit so that they can do anything with prepared minds.

Finally, just like Proverbs 4:23 says, “Keep your heart with all vigilance, For from it are the issues of life.” Making an event for preparing everyone’s heart to face this COVID-19 with one accord is a good start point. With sincere heart to let people know you and everyone in this country care about them more than the economy. Besides, everyone is an extraordinary individual, and everyone can contribute to the epidemic prevention. Taking maybe a day for them to pray if they’re in religion or to recall what kind of good things that people had ever done for them if they are atheists. If there are any good suggestions for everyone, and need to be done at the national level, welcome such advice. To win the war of COVID-19 needs people with one accord.