Social Interactions Card Research Program[1]

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Aria Technology Group

Research Results Digest

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When in 2007, scientists mentioned that the root of many social problems is relevant to the confined definition of money, no one could believe that the effect of a definition is so high[2]. They mentioned that we had used a definition, which had been based on the concept with the age of several millenniums. Before that time, all the efforts had been made to enhance the money transformation systems and there was no serious work on optimizing its definition. They suggested that after entering to the age of information, we should have defined the money as an informational element.

Since 2009 that we have founded the information architecture (IA) department by the coalition of artificial intelligence, economics, social welfare, and justice departments, a major change has been occurred in the concept of money. At the beginning of department foundation, our goal was to establish a framework for the so-called social information space (SIS). According to the proposed framework for the SIS, each class of objects has a numeric description including ID number, property, location, creation time, creator, time to live, consumer, and some special information about that class. The same numeric description exists for each class of services. But the money has a different meaning with the past times. In the SIS, money is supposed as a material just like the objects and services, i.e., it has a numeric description including ID number, property, location, creation time and time to live. These numeric descriptions make our data in the SIS. Any action that changes the data is supposed as an operation. The operators consist of human, other living things, and nature. A subset of the operations is the authorized set of social interactions.

After an extensive research for more than 7 years, the IA department outlined the first information space using advanced artificial intelligence techniques, which were based on information from both the economics and social welfare departments. For the next 5 years, justice department completed its electronic laws and adapted its traditional laws to their new informational descriptions. Since 2021, money has not been a passive criterion of the man activities. It has been an active material like other information and it is now a

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1. This essay was submitted to *Science Magazine* on July 1, 1999 as a part of "Visions of the Future" competition. The essay is a work of fiction and written by Farnad Laleh, director of Aria Technology Group. This document is compiled by Aria Technology Group on July 1, 2021.
2. Six words in the original text have been replaced with more proper synonyms (highlighted) to have a more fluent text without any change in the meanings and concepts.

function of time and location. The meaning of investment has been substantially changed and improved.

In 2022, we designed the social interactions card (SIC), an electronic card which conveys all the information about us including our unique specifications [biometric features] in order to prohibit abusing it. All of our social activities are recorded on it and it is required for any exchange. It also includes the electronic laws to prohibit unauthorized activities (operations). It has been designed to shape the SIS. After 8 years of designing it, all the social activities performed via it.

Now it is 20th anniversary of its universality. In a recent research program, we have investigated its effects on the society since 2030. The following is a survey of our results:

1. The bank notes have been removed from trades.

2. Theft has been dislodged form the society.

3. Unemployment and smuggling has been restricted extensively, but unfortunately they have not been eliminated due to some defects in our information architecture.

4. Banks have been changed into the extended database systems with powerful search engines. People can sell/buy their desired objects to/from the bank.

5. Tax payment is now an automatic procedure without human intervention.

6. The volume of justice and investigation departments has been reduced by 80%.

7. Since the money is a material just like other objects, the inflation has been removed form the economy.

8. The society strongly depends on the electronic tools, so a small defect on them causes a huge distraction in the society and security systems and threats the privacy statement.

9. The investments are biased to produce more information rather than other activities. It may cause to overflow the data and would be the start of some social problems.

10. The gap between the society and the 3rd world countries is too mush, because they still cannot adapt themselves to the SIC system.

The results show us that we must complete the SIS in corporation with the UN. In the absence of SIS through the world, the SIC model cannot be implemented entirely and some bugs always threat our systems. Because of the different cultures from the different nations, it is a hard problem. It seems via an extensive localized international program, it will be solvable.