PREPARING COMPETITIVE MENTALITY AND HARD WORKING GENERATION FOR 4.0 ERA IN 2024

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Abstract
In 2019 and over, we will face a very short and fast challenge to our future. We have to prepare young moslems to catch their future unless they will be disturbed by other young generation of non moslems. As a lecturer and parts of moslems, a preparation of each moslem young generation who must be multitalented young leader, he or she has to arrange as strict discipline such as our old culture has. In note that a strong mentality of being human should be improved too. Emotional question of being a clever students and being a part of quotation 12 by Howard Gardner musics, economics, etc. The, we can prove that Rasulullah SAW says that Allah will give moslems a changer of the earth every 100 years, and may it in the 4.0 era nowadays, the young and quality leader for the holistic problem.

PRELIMINARY
Many people say that Industry 1.0 was supposed to be the invention of a steam engine in the 18th century. This discovery resulted in a more efficient and effective method of production. For Industry 2.0, it is marked by the organization of work that is more supported by the division of labor (division of labor) supported by the presence of electrical energy sources in the 19th century. Then, Industry 3.0 was marked by the progress of the world in the field of electronics and IT information technology. Then industry 4.0 was starting when the combination of technology and digital world.

Industry 4.0 focuses on collaborating the manufacturing process with the digital world. The simplest example is the development of online transportation. Well, this is proof that technology continues to develop and innovate, which then has now reached Industry 4.0.
The term Industry 4.0 was born from the idea of the fourth industrial revolution. European Parliament Research Service in Davies (2015) The first industrial revolution took place in England in 1784 where the invention of steam engines and mechanization began human work. The second revolution occurred at the end of the 19th century in which production machines powered by electricity were used for mass production activities.

Now, according to Prasetyo Andy Wicaksono (Code For Indonesia), technological developments in Indonesia are still under the other countries. This young generation must be "literate" about technological developments in Indonesia. This is useful so that young people can use technology not only for themselves, but also provide benefits for many people. In order to that here we trying to write down some ideas which connected to the following discussion and article. The writing about the Young generation to be literate and active to face the industry 4.0 entitle 'Preparing the competitive and hard worker generation for 4.0 Era in 2024.'

There are two formulated question which will explained

1. How to face the 4.0 for our young generation?
2. What is the mental principle that will be prepare to the next Young generation for 4.0 in 2024?

METHODOLOGY

This writing will be executed by the descriptive qualitative. The qualitative research is a process of naturalistic inquiry that seeks in-depth understanding of social phenomena within their natural setting. The natural setting could be happened around us. Such as the phenomenon of physiological background of community in 2024. The phenomenon around us telling about the principal that should prepare to face the digital world. The qualitative focuses on the "why" rather than the "what" of social phenomena and relies on the direct experiences of human beings as meaning-making agents in their every day lives. Yet the library research also involves the step-by-step process used to gather information in order to write a paper, create a presentation, or complete a project. ... They describe, analyze, and/or evaluate information found in primary sources. By repackaging information, secondary sources make information more accessible.

The way to face 4.0 for young generation actually for people which call as native citizen is very simple. They are the original people who come to the new world new situation in 4.0. The first step while facing the new world is by think
that it is the common situation in nowadays. Since the world as it is, need the internet and global process by the online report. Unless Indonesia will let by some of another country.

Face the new coming of era, is the new pretending the manner. Many of situation will be process and change. The changing of how to manage the job description, education and etc. The era that explained by the expert as 4.0 which is let the 3.0 era of robotic as it is. This era change of the manner not only by machine doing manually, but all the aspect and also the assessment also doing by the machine deciding. Overall the 4.0 is how to manage all job description becoming simpler and simplify the time and the energy.

The era of industrial 4.0 is exploring the main idea of producing the system, but for more the young generation should intense to think how to make the system is managed by them. They should realize the changing has to be, and they part of it, then they also as a part of the producing the system it is. This era isn’t need to be saved by knowing the process and following the process. Yet, the very important is youth has to understand the role, the target and they can manage and the very important they can create the new version and modify the system. The youth are expected to face the new era of 4.0 more creative and innovative. They should create their new world in order to make the terrible changing of their life around the digital technology.

Quotes of a seminar of Indonesian Youth for the Industrial Revolution 4.0, as a youth outreach approach. in initiating facing the challenges of 4.0 era, held by the Presidential Staff Office (KSP) and as the one of the speaker Head of Competitive Intelligence Go-Jek Mas Imam Aulia Azmi stressed the data is the new oil or the data is 'new oil'. "Go-Jek is a data driven company, which means that Go-Jek relies on valid data in every decision of its company," Mas Imam said. All the creation of the 4.0 era, handle by data. The youth as the user and the native of this era, has to consider to create how the data could save by the creative idea of digital construction.

Here is the very unique era, which explain about the data, of how the data explain becoming the main sources saved in a system.

As the native inhabitants and immigrant both has different duty, the immigrant may let the system dominate them, but the native inhabitants should dominate the system. The system itself around the technique of managing the creative management and detect the digital new world. To enhance the capability of youth improvement in the 4.0 era, government also should prepare the concept and the curriculum in order to make them understand and apply.
The native inhabitants as the actor of this changing. "In addition to technical skills or technical expertise, another thing that is no less important given to the workforce is soft skills or transversal skills," said Director of Institutional Development of the Ministry of Manpower Training, Dudung Heryadi in his official statement in a seminar that was said by Dudung Heryadi in the Public Lecture "Generation Z and 4.0 industrial revolution" at the Malowopati Hall, Bojonegoro, Friday (10/19/2018).

In another statement also said in the journal Muhammad Budi Mulyadi and Aan Rahmat said In the last hundred years there have been several generations with different characters. In the field of education, the older generation, for example the Baby Boomer or Generation X generation, teaches different principles and understandings to younger generations such as Generation Z and Alpha Generation. For example the Baby Boomer Generation where the understanding of technology is relatively lower compared to Generation Z, in Generation Z where since childhood it has been introduced to technology can even be said to be very dependent on technology or gadgets, so that every activity is always associated with technology from starting to reveal its existence in social media, find information about travel, learning systems, and so on. From these different lifestyles, it is clear that different characters have arisen between generations, but interactions between generations must occur and cannot be avoided. Especially when connected with the era of the Industrial Revolution 4.0 while the educational actors live in a different generation from the current generation. Each generation has advantages and has its own weaknesses, the characters are formed from the acculturation of technology in everyday life. The intergenerational character gap in providing education to different generations living in the Industrial Revolution Era 4.0 becomes a potential problem that must be resolved. The methods and approaches taken in education must produce the resources needed in accordance with the changing times, especially in accordance with the demands of the Industrial Revolution Era 4.0.

The first statement of that academic writing explained us that the generation will be change every few time, some flow without giving any advantages, some give a contribution to their era.

The principal that should be prepare to contribute into 2024 4.0 era. The hadist say that

« إنَّ اللهَ يُبَعِثُ لِهذِهِ الأَمْتَةِ عَلَى رَأْسِ كُلِّ مَائِئَةِ سَنَةٍ مِّنَ الْيَوْمِ لِهَا دِينَها»

"Building Modern Islamic Civilization in 4.0 Industrial Revolution and 5.0 Society Era"
Surely Allah sent for this people, at the end of every hundred years, people who renew for their religious community (HR Abu Dawud no. 4291, Dishahihah by as-Sakhawi in al-Maqâshid al-Hasanah (149) and al-Albani in as- Silsilah ash-Shahîhah no. 599).

Verily Allah limits at the end of every hundred years those who teach their religious community.

These hadist the prophets Muhammad SalallahuhA’laihiwassalam in the explanation of Imam Attabrani about that hadist say that the changing generation also has predicted and said by the Muslim Prophets Muhammad SAW. This indicated the theory of X, Y, Z and Alfa generation could be provable. Since many supported data and academic sources told that condition. Even in different meaning and different purposes.

In this writing will be explained that the aim of explaining the principle and classify how to mange the new world in the digital process 4.0 era. The era where the people will not need the manual engine anymore. The full changing of driving the data, that would be a flowing information and job description execute by the digital system. Anymore this will be very hard for the immigrant but surely if the native inhabitants open their mind prepare perfectly. They will be the master and the king of the system, even the data will be the king of the digital improving.

Meanwhile the inhabitant needs to support their mental and spiritual encouraging.

Howard Gardner as the education and physiology scientist say that An intelligence is the ability to make products or solve problems that are valued in one’s cultural setting. This kind of intelligence has the specific aspect which will connected in to the era. They are not asked to be a single intelligent, but the youth will dominate the management, the creator and also the consumers. I believe that human beings have a small number of relatively independent intelligences, which I call the multiple intelligences. Standard tests of intelligence typically probe linguistic and logical intelligences, but do not probe the other intelligences that I have identified: musical, spatial, bodily-kinesthetic, interpersonal, intrapersonal, and naturalist. The writer only will be explained 6 of that multiple intelligence. The winner of this era will proof the generation who can cook and doing together the daily activity at home except at the office. They will be the
gold generation if they manage the time and practice to feel the multiple intelligence is will be better.

Howard Gardner explain that there is no one entity of intelligence. It not just a inheritance, but also a kind of skillful that could be honed. He has been, in Smith and Smith’s (1994) terms, a paradigm shifter. Howard Gardner has questioned the idea that intelligence is a single entity, that it results from a single factor, and that it can be measured simply via IQ tests. He has also challenged the cognitive development work of Piaget. Bringing forward evidence to show that at any one time a child may be at very different stages for example, in number development and spatial/visual maturation, Howard Gardner has successfully undermined the idea that knowledge at any one particular developmental stage hangs together in a structured whole.

The case of the young generation in order to get their own will, they tend to covered their life, and regarded that they have success in this era. Howard Gardner’s ideas places the intellectual intelligence base on the combining each part of 8 intelligence. In here will be discussed 6 intelligence connected to the recently targets on 2024.

Linguistics

Linguistic is the very important ability should express the understanding of knowing a data. As known that the king and important way of this era of digital world is understanding the language and the communication expresses to perceive the meaning. As youth some of the less of communication. The community of communication included in a digital express. In the digital media, there some of digital expresses obstruct the understanding of the meaning. Moreover, the misunderstanding of a meaningful aspect of main point will destruct the system.

Indonesia consist of many islands around, also consist of many language and culture, spread the national diversity. The diversity brings intellectual property if its inhabitants manage the potency of their potential linguistic appearance. The writer get the data from the citizen of Pasaman, explained that the ability of linguistic depend on their literate and social experience around. The more they study and improve their communication, the more they get the advantages. Instance of 30 students in STAI Ydi Lubuk Sikaping has a community language club. They discuss, expresses about some issues in native and foreign language. Many of them get their good career in their job. It should
be prepared more, because different era is not mean different principle to do, but the succeed principal has to be applied.

**The Learning Pattern In Language Club In Stai Ydi Lubuk Sikaping**

**Visual (spatial intelligence)**

Visual/Spatial intelligence are very aware of their surroundings and are good at remembering images. They have a keen sense of direction and often enjoy maps. The sense of direction will bring the intellectual of understanding the surrounding. In the 2024 people needs to connected between data and the surrounding area. The 4.0 will exposes and used digital economy patterns, artificial intelligence, big data, robotic. Such these following kinds of new model of management system, the spatial intelligent also connecting to understand which aspect that really need the acceleration. But still between each intelligence, linguistics and visual intelligence has to be connected each other. Unless none of significance can be an obvious meaning to transform in to digital media as the proposes itself.

**Naturalist Intelligence**

Naturalist Intelligence enables human beings to recognize, categorize and draw upon certain features of the environment. It ‘combines a description of the core ability with a characterization of the role that many cultures value’ Gardner (1999:48), The naturalistic intelligence.

Charles Darwin, George Washington Carver, and Rachel Carson from history, they all had naturalist intelligence in their own special ways. Even most
of them live in industrial revolution in 18 centuries, their intellectual tendency
could ever give some benefits to the new industry 4.0 era of digital world. People
who have naturalistic intelligence have schematic memory. Which mean the
ability to internalize and remember information based on attributes and
classification levels. This schematics memory will process all data to be a
systematics process, so than give the perfect result. In case of this memory
combining by the logical intelligence will set off a rational dan responsible
intellectual.

**Spiritual Intelligence**

The case for inclusion of naturalist intelligence appears pretty
straightforward, the position with regard to spiritual intelligence is far more
complex. According to Howard Gardner (1999: 59) there are problems, for
example, around the ‘content’ of spiritual intelligence, its privileged but
unsubstantiated claims with regard to truth value, ‘and the need for it to be
partially identified through its effect on other people. As a result, the spiritual
intelligence gives a moral value, moral education which is important for human
life and the entire era in 4.0.

**Logical Mathematic Intelligence**

This is the very important aspect that should be concern on how the data
and statistics conclude in to the digital application. Logical-mathematical
intelligence consists of the capacity to analyze problems logically, carry out
mathematical operations, and investigate issues scientifically. In Howard
Gardner’s words, it entails the ability to detect patterns, reason deductively and
think logically. This intelligence is most often associated with scientific and
mathematical thinking.

This intelligence aspects concern on the way of logical point of view, and
this intelligence combining by the natural intelligence, mathematic, and covered
by spiritual intelligence will produces a very fantastic intellectual property. In
this industrial 4.0 era whole these intelligences back up the mission of building a
digital world development.

**Intra Personal Intelligence**

Intrapersonal intelligence entails the capacity to understand oneself, to
appreciate one’s feelings, fears and motivations. In Howard Gardner’s view it
involves having an effective working model of ourselves, and to be able to use
such information to regulate our lives. The live that will bring the immigrant and native inhabitants into a success process. How to simplify the system of the properly work in the world.

Each of these intelligences has a genetic component, but each can be a combining intelligence opportunity, enhanced the opportunities to practice the exercise of that intelligence. All these intelligences are a perfect mental and spiritual quotient. Most people I not only has one genetic component some of them assemble in a creative memory and thought,

CONCLUSION

1. The industrial 4.0 era is a new era which is faced by two kinds of population, native and immigrant. These population has different point of view. Yet both has to face the era by using their asset or fund of their own capability. Islamic prophets’ word or the name of hadist say that there will be renew generation for each one hundred years which will change the process, the result of the population and their knowledge specially their religion. The system of industrial 4.0 is to digitalize all data and result even in every aspect of live has to be faced by the great preparation.

2. There is 6 kinds of intelligence among 8 kinds of intelligence explained by Howard Gardner. These intelligences related to the renew perspective and memory to enhance the aim of preparing youth in 2024. Each intelligence could explain and exercises and improve for every person, they have the specific memory which support each memory in another intelligence. Such as naturalistic and logical mathematical and also spatial intelligence will contribute and support youth each other to settle the 4.0 era in 2024 successfully.

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