**미래 모습에 대한 긍정과 위기 보고서**

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**Ⅰ. Positive aspect**

**1) Development of education**In the modern society, distance education using the Internet is actively being carried out, so that the learner can receive desired education service anytime and anywhere. It provided equality education for those who live in inconvenient places or for those with difficult physical conditions. In addition, the technology is further developed, and education and virtual reality are combined, and the tablet PC textbook provides learners with more various and infinite experiences, such as being able to observe the process and results of experiments without dangerous experiments. If technology develops in the future, it can be expected that the educational environment that has already been developed in modern society can develop indefinitely.

**2) Improving convenience and welfare of real-life life**  
The focus of the 4th industrial revolution is the collaboration of humans, AI and machines.Already in real life, we are utilizing IBM's Watson, the Alexis of the Amazon, and the iPhone's Siri, and we're getting a lot of help.Starting from the simple weather, a lot of things are being done conveniently to start the car and regulate the temperature. For example, Watson collaborated with the famous TED speaker, " Watson, what is ' Watson? '' Ask the question ' shows the portion of the video clip that corresponds to the most appropriate video clip that corresponds to the most appropriate video clip. Currently, one of the world's most studied and studied areas is ' Counseling AI '. Individual care for individuals in the elderly age bracket is very difficult, considering the limitations of human resources.One can overcome the hardship of welfare and difficulty by using AI immediately.Also, unfortunately, the news of the death of many elderly people living alone can be heard in newspapers. Positive changes could occur if these elderly people have confirmed that they are accompanied by an illness and real-time health check that helps them to cope with emergencies and to cope with emergencies.

**3) Discover new industrial structure to enhance resource utilization: Shared economy**A new business model, a new business model based on the connectivity of information technology, will lead to a new industrial structure, providing convenience to people and contributing to creating more jobs.Shared economies are a win-win type of business model that allows shared assets to be shared with others, thereby increasing the owner's asset efficiency and making it cheaper.

**Ⅱ. Negative aspect**

**1) Possibility of culling of the underprivileged of human beings**Due to the development of technology, society is already changing rapidly. And in this rapidly changing society, many of the older generation are 'computer-illiterate' or 'mobile-illiterate'. Technology has developed for the convenience of people, but there are many ready-made generations that do not enjoy it. For example, writing a document on a computer that is too simple for young people, or dealing with personal affairs using a smartphone is an unfortunate task for older generations, including those in their 50s. If technology develops and most of the things in everyday life are replaced by technology, older generations who do not follow it will be uncomfortable and marginalized and suffer great difficulties in their lives. Eventually, the alienated may become a 'moveable vegetable' who can do virtually nothing even if they can normally move and think.

**2) The unemployment rate increases due to the replacement of the machine and the AI.**As the old industrial revolution disappeared due to modern development, the fourth industrial revolution is no exception. Recently, many artificial intelligence researchers at the University of Sejong at the University of Oslo predicted that they would be able to catch up with translators as soon as possible, and suggested that big data would be accumulated as the biggest reason. In addition, it has become possible for a variety of labor fields to be developed in a variety of fields, which are difficult for human being to be invested in.However, the unemployment rate can be predicted as well.Those who are unable to participate in economic systems will be sidelined, and these imbalances will become increasingly serious. Also, in the near future, when a robot is replaced by human beings, the task of requiring cheap labor will be replaced by the robot's work in the near future.The technological revolution is expected to increase job in the new field, but conversely, the labor force in the workforce that won’t be needed will also tend to decrease.

**3) Serious phenomenon brought by social network services (sns)**  
The ‘invisible’ nature of social networking causes people to get sick. Behind the scenes of communication, which constitutes a channel of communication, is a huge ego phenomenon. People often consider themselves to be a self-serving person, who tries to prove their existence through frequent incidents of posting and communicating.