Highly Aged and After Cloud

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INTRODUCTION

There have been living more and more highly aged people (after 75 years old). And the number of those highly aged people has been increasing year by year in Japan (JILI, 2019). This might be also a global phenomenon. At this age, some of the tissues and the organs of human will seem to start functioning not perfectly well (Yomeishu, 2012. Tentouyobounavi, 2017). And they will seem to be fragile by all kinds of inside and outside stresses. In another words, it seems that some kinds of phase state changes of the human body will make themselves physically weak. However, it is also known the following things too;

1. A bit of mental assistance will make them work fairly good again.
2. A little bit of physical help will be possibly to make them work very good again. So that, one will not need another's help (including a doctor's help) any more.
3. Just a bit of rest will make the physical body and the mental damage work well again.
4. A novice medical treatment will make the physical body work well again.
5. Just a bit of massage and tapping will make the physical body and the mental damage work again.
6. Etc.

So, in this chapter, it will be studied what sort of things can be done for highly aged people by the help of present high technology of "Cloud". What is more, it will be considered whether "Cloud" is only the technology for helping and assisting the highly aged people or not? Namely, human will understand a thing better if there is an assistance visually and intimately. In this sense, the following technologies are also considered for the usages; Individual Cloud, Fog Computing, AI (Artificial Intelligence), VR (Virtual Reality), and AR (Augmented Reality).

The studies and the arguments will go on under the following steps.

1. Firstly, it will be considered what sort of physical body and mental damages will come out to the highly aged people.
2. Secondly, it will be studied what sort of assistance and help will be needed for those damages.
3. Thirdly, it will be studied what sort of assistance and help will be possible to use the present technologies; Cloud, Individual Cloud, Fog Computing, AI, VR, and AR.
4. Finally, conclusion.

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MAIN FOCUS OF THE CHAPTER

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Problems with Highly Aged So Far

Strange to say that bodily weakness will start being recognized around from the age of 75 years old to 80 years old by themselves. Legs, wrist, hands, arms, shoulder, neck, and brain will be the parts of weakened. At a glance, it seems that every bodily movement is not smooth, not in harmony, not in strength, not in active, and not in vivid. And it seems that the joints will be easily twisted, hurt, and broken. And it seems that a brain is not functioning as fast (quickly) as the decades ago. In another words, the brain responses slowly or very faintly to a stimulation. These problems will have a bad influence in a daily life to those people, which will sometimes cause a difficulty in the livings and a life.

So, as the summary of these problems mentioned above, they may be rewritten and categorized again as follows.

1. Physical Matters:

/A physical body will naturally start being weakened from around 75-80 years old.

/This phenomenon will be going further worse gradually, or seldomly it will happen suddenly. / Sometimes it will get worse and worse after the weakened.

What is more, the physical matters will be further divided into functional parts.

a. The bones related parts.
b. The muscles related parts.
c. The internal organs related parts.

2. Mental Matters:

/A brain will naturally start being weakened from around 75-80 years old.

/This phenomenon will be going further worse gradually, or it will sometimes happen suddenly.

/Sometimes the one will be lost.

What is more, the mental matters will be further divided into functional parts.

a. All over the brain (Frontal lobe, Parietal lobe, Occipital lobe, and Temporal lobe). It may seem that Temporal lobe and then Frontal lobe will be likely firstly weakened and damaged.
b. Brain Part Focused.

Frontal lobe, Parietal lobe, Occipital lobe, and Temporal lobe.

Computer Assistance and Help

There are many kinds of AI usages in almost every field. AI is quite often used for control, an intelligent control, an intelligent system, deep learning, Cloud, a knowledge base, data base, management, a production system, statistics, sales force, environment examination, agriculture, art, livings, daily life, etc. Those usages are helpful, useful, and reliable. Because the outputs come up to us soon after commands are input by manual or by voice. And the output results will be used for practical usages of jobs, daily