Analysis of Smart Pills

1. As a pill which will be eaten to observe body’s healthcare, the potential target customers of the smart pill should be majority of elders and middle-aged. These kinds of people need to check and observe their body everytime. So the smart pill can provide their healthcare and warn them if their body got some problem. Also, nowadays healthy problems become more and more popular in youngers’ topics, it is easy to see that there are still many youngers prefer to buy and use it.

On the other hand, hospitals can be the largest consumer of this pill, this pill can help doctor check patients body to diagnose disease quickly and conveniently.

1. In the first pill, according to introduction, sensors are added in it, data will be transmitted to user’s mobile phone through Bluetooth, healthcare data will be showed into the mobile immediately.

In the second pill, the camera take photos first, and then send these photos data to a second device (which is wearable), the second device will transmit data to user’s tablet through wireless.

1. This pill can make live better. Because it is tiny and harmless. Instead of big body check device, this pill can go into the inside body conveniently. Also, if this pill can be sold with a low price and easy to use, people can check the body whenever they want and no need to go to hospital. That will be a good example for IoT application in healthcare.
2. The for the limitation, firstly is the battery power, the biggest problem is how to supply power stably, can the power be supply by wireless? If yes, how to guarantee the stability? If not, how to supply power by power line? That is a question needed to be discussed. Secondly is