

Programmed Name: **BCS**

Course Code: **CSC 1013**

Course Name: **System Analysis and Design**

Assignment: **Second**

Date**: 5/2/2020**

**Submitted By: Submitted To:**

Student Name: **Dipesh Tha Shrestha** Name: **YOGENDRA BAHADUR MAHATA**

Section: **A**

Semester: **second**

Intake:**2019 September**

1. **what do you think will be possible technologically 10 years from now? How about 20 or 30 years from now ? Research a new and interesting technology that is in the research and development stage**

**=**Ask anybody what personal technology will look like 10 years from now, and you’ll probably get a wrong answer. A decade ago, almost nobody could predict that more than a million people would buy a watch that not only tells the time, but reads your text messages, checks the weather and tracks your workouts, too. But that’s exactly what happened.

* *Smart shoes could charge your phone’s battery while you rush to work*
* *Your shirt could vibrate to help you find your way*
* *A personal assistant could be embedded in contact lenses*
* *Intelligent earrings could find the perfect songs for your mood*

1. **Prepare a presentation using a movie clip and PowerPoint on this technology and present it on the class.**

**= I will add presentation next to it**

1. **Submit a short paper on the impacts this new technology might have on society and/or businesses**

**=** In the last few years, there has been a cultural shift (and technological) shift from wearables focused on promoting wellness to those designed to foster real-time tracking and monitoring of patient vital signs. Backed by concurrent advancements in the fields of the internet of thing (IoT) and software development, the current itinerary of wearable devices have the potential to function as an integrated electronic health record system, only this time without the inherent inefficiencies of traditional EHR systems. By current estimates, the next 25 years should see wearable technology prosper a global cost savings of about $200 billion in the health care sector. This cost savings is in part down to the increasingly accurate predictive capability of wearable technologies. It is a known fact that wearable technologies working in tandem with artificial intelligence (AI) can predict the onset of otherwise quiescent disease conditions, like those affecting the heart, before they manifest clinically. This, in turn, will allow patients to seek cheaper and more effective treatment options with better prognosis, thus saving them the burden of pursuing long, drawn-out and expensive treatment procedures.