King Abdul Aziz University

Faculty of Engineering - Girls' campus

Training Unit

جامعة الملك عبد العزيز

كلية الهندسة ــ شطر الطالبات

وحدة التدريب

الشؤون التعليمية

Student Training Weekly Notes

Student's Information	Name of Student:		Name Of Organization :	Deanship of information technology
	University No:		Specialization:	Electrical and Computer Engineering

Sunday 29/5/2016	1. The technical supervisor (miss Majeda) gave us the plan of the summer training.
	2. The concept of Internet of thing was discussed and clarified as the following:
	• The technical supervisor explained briefly the internet of thing and asked us to search about it to understand the concept clearly.
	• Surfing the internet provided me with a deep understanding on how the internet of thing is used in real life.
	3. The technical supervisor explained the security of internet of thing, artificial intelligence and machine learning.
	4. The technical supervisor asked me and my team to come up with five ideas that applied the concept of internet of things for the sake of KAU.
	5. We came up with five ideas that could be implemented in the following systems and facilities: library, attendance system, golf cart, temperature and patient monitoring system.

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Monday 30/5/2016	1. The technical supervisor explained the internet of thing suites (the remote monitoring solution was chosen) and hub. 2. The technical supervisor explained how to connect to internet of thing hub and gave us a video link (https://www.youtube.com/watch?v=iYajjE9rtYY) to understand the concept clearly and to see simple examples for connecting. 3. The technical supervisor explained the concept of cloud computing, its advantages and disadvantages, Microsoft Azure portal (cloud) was chosen for that purpose. 4. The technical supervisor explained the device explorer and asked us to install it and use it.
Tuesday 31/6/2016	1. I have installed the visual studio. 2. The technical supervisor explained how to use the visual studio and what is the importance of the cross platform. 3. The technical supervisor asked me and my team to write a simple code in the visual studio to gain a perfect understanding of the connection between the cloud and the device. 4. I used the internet to learn more about the visual studio and I wrote simple code to make myself familiar with the program.
Wednesday 1/6/2016	1. I wrote a program to make a connection between the cloud and the device explorer (simulator device). 2. I wrote a ping program to test the connection. 3. I debugged the error in the code. 4. I had a meeting with the managing director Wafaa Atallah to explain the rules and policies of the deanship of information technology.

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Thursday 2/6/2016	1. I installed the SDK package. 2. Continue working on the same code which was written on last Wednesday.

- **(Please fill this form electronically day by day even though you were absent one day write that you were absent, and send it every <u>Friday by 12:00 a.m. MAX</u>.)**