

Student Periodic Progress Report (week 6)

Name of Student:		Name of Organization:	Deanship of information technology
University No.:		Specialization:	Electrical and Computer Engineering

Reporting Period: From 19/6/2016 to 14/7/2016
Week No. 6 **Total hours worked:** 240 hours (6 weeks × 5 days × 8 hours = 240 hours).

For the mentioned period please report the following:

<p>1. List your responsibilities or duties on the job.</p>	<ol style="list-style-type: none">1- Writing the documentation of the barcode scanner application (by describing the four phases of the application in details and explain what the application does and why it exists).2- Making the presentation of the barcode scanner application.3- Writing a documentation for the program (IoT hub) that make connection between the cloud and the device explorer (simulator device).4- Making a presentation for the program (IoT hub) that make connection between the cloud and the device explorer (simulator device).5- Writing a documentation for the temperature alert with Azure IoT Hub and an Mbed board.6- Making a presentation for the temperature alert with Azure IoT Hub and an Mbed board.7- Updating the visual studio and downloading all the SDK.8- Create a new IoT hub Azure portal.9- Continue working on IoT hub and finding the connection string.10- Read and search on the internet about the
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	<p>difference between the worker role and the web role in visual studio.</p> <p>11- Create and deployed the worker role in the visual studio.</p>
2. List new technical skills that you learnt on the job.	<ol style="list-style-type: none"> 1. The job provided me with a deep understanding on how the worker role is deployed in the visual studio. 2. Learn how to write a professional documentation. 3.
3. What have you learnt in class that you have applied or observed on the job?	<ol style="list-style-type: none"> 1- Applying the concept of the engineering design process. 2- Applying the programming language that I learnt in the engineering college. 3- Organizing the time and finish the work before the deadline. 4- Applying the concept of the teamwork to provide benefits to the job and individual employees.
4. Was the organization supportive/helpful in your training? What difficulties, if any, did you face on the job?	<ul style="list-style-type: none"> - Yes, she was so helpful and supportive. - The programming in the visual studio is the only difficult I was faced because the visual studio program needs high programming skills.
5. What other skills could you use to improve your performance in your training?	<ol style="list-style-type: none"> 1. Improve my programming skills. 2. Read more about the worker and web roles and how it works in the visual studio.
6. What interesting or challenging relationship did you have during this period with the supervisor or any other employee?	<p>The technical supervisor and the employee are so friendly with me. They are helping me to learn new skills. Also, the supervisor encourages me to do the best.</p>
7. Areas where you think you need improvements.	<ol style="list-style-type: none"> 1- Programming by #c language. 2- Dealing with visual studio program.
3- Additional comments if any.	<p>_____</p>

Note: (Fill this report 3 times electronically; and submit it to the adviser in the 3rd week, 6th week and 9th week.). Use additional paper, if necessary, to elaborate on your responses.