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| **MINISTRY OF EDUCATION**  **IMAM ABDULRAHMAN BIN**  **FAISAL UNIVERSITY**  **COLLEGE OF COMPUTER SCIENCE**  **& INFORMATION TECHNOLOGY** | **وزارة التعليم**  **جامعة الإمام**  **عبدالرحمن بن فيصل**  **كلية علوم الحاسب**  **وتقنيةالمعلومات** |  |

**CS 411 – Software Engineering**

**Term 1 – 2018/2019**

**Status Report #**

Period from 23/9/2018 to 1/11/2018

* Group #:1
* Members of the group:

|  |  |  |  |
| --- | --- | --- | --- |
| # | Name | ID | Role |
| 1 | Muneera abdullah alhajri | 2160007230 | Leader |
| 2 | Reema Ibrahim Alyousef | 2160003133 | Member |
| 3 | Rahaf Saleh Alzahrani | 2160006662 | Member |
| 4 | Tasneem Hamdy Dosoqi | 2160007430 | Member |

* Tasks planned to work on during the specified period:
  + Delivering a project proposal to the client and acquiring their approval upon it.
  + Establishing an SPMP document then reviewing the whole document with the client.
  + Outlining the project’s requirements in an SRS document.
  + Establishing the initial design of the system and its sub components.
* Status of each task including the names of members worked on each task:

|  |  |  |  |
| --- | --- | --- | --- |
| Deliverable : | member | status | Date |
| Project Description | All member | submitted | September 13, 2018 |
| Project Proposal | submitted | September 20, 2018 |
| Submit  Project  Management Plan (SPMP) | submitted | November 11, 2018 |
| Submit  Software  Requirements  specification (SRS) | submitted | October 31, 2018 |
| Submit Project Design (SDS) | In progress | November 4, 2018 |
| ER diagram, Mapping and Database | In progress |  |

* Difficulties:

Thankfully, not many issues arose during the previous stages of the project, However, the team faced minor hindrances that were quickly resolved thanks to the efforts of the team members and the continued cooperation of Mr.Albert Petterson.

* 1. Communication amongst the team members was limited, especially since the team is working remotely, so planning a meeting where all the members could attend was difficult to accomplish.  
     Therefore, most of the communication was conducted via GitHub, Google Docs or WhatsApp.
  2. Files’ transfer was messy. Yet the team managed to overcome that obstacle by using several tools such as GitHub and WhatsApp.
  3. Since the client had several projects to work on aside from Railway.Manage();, conducting a meeting was an issue to both the team and the client alike.
* Pending tasks:

1. Building and designing the user interfaces by using graphical user interface.
2. Designing ER Diagram for the database.
3. applying the system code on NetBeans.
4. Implementing the database by using MySQL.
5. Project testing.

* Next planned tasks:

1. Software design where the software specification is converted into a general model. This general model is intended for the usage of the client and the developers during the implementation stage. Phases of the software design are listed below:
2. Designing the overall structure of the software system, subsystems and the relationships between these subsystems and how they will be interrelated.
3. Designing the components needed by this software and specifying how they will operate.
4. Designing the interfaces of the subsystems and their components.
5. Designing the data structure of the system and outlining the way it will be represented in the database.
6. Software implementation: translating the general model design into an executable program by the programmers. Debugging process will be maintained during this activity.
7. Software validation: testing the software using several testing stages to show that the software meets the requirements of the client and is performing successfully. Components testing, system testing, acceptance testing and beta testing will all be conducted at this process.
8. The final delivery of the software Project.

* Number of group meetings you had during the specified time:

Table below show the number of group meeting to complete a task, group meeting is limited in university ,usually we used “WhatsApp” to Completion our tasks.

|  |  |  |
| --- | --- | --- |
| Task | Date of Meeting | Duration of Meeting |
| Define the project | September 2,2018 | 1Hour in week ‘2’ |
| Project Proposal | September 8 ,2018 | 1 Hour in week ‘3’ |
| Submit Project  Management Plan (SPMP) | October 2 ,2018 | 4-5 Hour during two meetings in week ‘5’ |
| Submit Software  Requirements  specification (SRS) | October 22 ,2018  October 23 ,2018 | 3- 4 Hour in week ‘6-7’  1-2 Hour in week ‘8’ |
| Submit A status Report | November 1 ,2018 | 1 Hour in week ‘9’ |

* Attached document(s):

[1] IEEE Standard for Software Project. [Online] 1998. IEEE Std 1058-1998.

* Additional notes:

Regarding the operator function, all the operators’ records must be transported to the system’s database in order to implement this function successfully. Thank you for your cooperation.

-------------------------------------------------- For instructor use only --------------------------------------------

Date:

Comments: