

**SWE205: Introduction to Software Engineering**

**Term 181**

**Project Title**

**KFUPM Registrar System–version1.0**

**Implementation Document**

**GROUP 07 | SECTION 02**

|  |  |
| --- | --- |
| **MEMBER** | **ID** |
| (Leader) Hisham Lajami | 201673960 |
| Abdulwahab Alwehaibi | 201661800 |
| Hasan Alsaleh | 201658460 |
| Rakan Algurare | 201618080 |

|  |  |  |
| --- | --- | --- |
| **Document component** | **Weight** | **Grade** |
| Organization | 10% |  |
| Introduction | 10% |  |
| UI + System Functionalities code | 40% |  |
| Code Documentation + standards | 20% |  |
| Video Demonstration | 20% |  |
|  | Total |  |

**Instructor:** Jameleddine Hassine

**3. Introduction**

We SNG (Saudi New Generation) are tasked to make KFUPM a registrar system, and this section is to provide a purpose for the document, to set the scope for the project, and show an overview for the document.

**a) Introduction to the product**

The KFUPM Registrar Service is to be utilized for student registration information and managing courses, connecting students with their instructors / advisor, equipping faculty members and students with course tools, and facilitating management of courses for administrators / the course management team.

**b) Purpose of this document**

The purpose of this document is to provide methods and approaches used during the implementation phase for the KFUPM Registrar service and to show some of the functional use cases.

**c) Technical Background:**

We used Java to implement our project and we relied mainly on the scene builder addition for JavaFx to build the front-end user interface of the program in FXML format.

**d) Overview of the remainder of the document.**

**4. Functional Use Cases**

1. **Code with documentation**
2. **Screen shots**

**5. Video Demonstration**

**6. Meeting Details**

**Meeting Held:** Tuesday, December 1, 2018.

**Meeting Duration:** 1 hours.

**Work distribution:**

|  |  |
| --- | --- |
| (Leader) Hisham Lajami  {Attended} | Discussions |
| Abdulwahab Alwehaibi  {Attended} | Discussions |
| Rakan Algurare  {Attended} | Discussions |
| Hasan Alsaleh  {Attended} | Discussions |

**Meeting Held:** Tuesday, December 3, 2018.

**Meeting Duration:** 2 hours.

**Work distribution:**

|  |  |
| --- | --- |
| (Leader) Hisham Lajami  {Attended} | Discussions |
| Abdulwahab Alwehaibi  {Attended} | Discussions |
| Rakan Algurare  {Attended} | Discussions |
| Hasan Alsaleh  {Attended} | Discussions |

**Meeting Held:** Tuesday, December 4-7, 2018.

**Meeting Duration:**

**Work distribution:**

|  |  |
| --- | --- |
| (Leader) Hisham Lajami  {Attended} | Working on the back-end of the user interface.  Checking others work. |
| Abdulwahab Alwehaibi  {Attended} | Working on the Front-end of the user interface.  Checking others work. |
| Rakan Algurare  {Attended} | Working on the back-end of the user interface.  Writing and reviewing the submission document.  composition checking. |
| Hasan Alsaleh  {Attended} | Working on the Front-end of the user interface.  Checking others work.  Writing the submission document. |

**GATHERING OF MATERIAL WAS DONE BY RAKAN ALGURARE.**