**SE-2 Course Project (PhasE 2 COVER sHEET)**

**Discussions Scheduled for Week 12 or 13** *(Specific dates TBA by the TAs).*

* Print 1 copy of this cover sheet and attach it to a printed copy of the documentation *(SRS, … etc.)*. You must submit softcopies of all your documents *(as PDFs)*; details will be announced later.
* Please write all your names in Arabic.
* Please make sure that your students’ IDs are correct.
* Handwritten Signatures for the attendance of all team members should be filled in before the discussion.
* Please attend the discussion on time *(announced separately)*, late teams will lose 5 grades.

**Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Team Information *(typed not handwritten, except for the attendance signature)*:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **ID**  **[Ordered by ID]** | **Full Name**  **[In Arabic]** | **Attendance**  **[Handwritten Signature]** | **Final Grade** |
| **1** | 20211801 | ابراهيم مصطفى ابراهيم درويش |  |  |
| **2** | 20211804 | احمد خالد محمد احمد عبد الرسول |  |  |
| **3** | 20211809 | احمد ماهر احمد احمد |  |  |
| **4** | 20211823 | تامر اشرف عبد القادر نصر |  |  |
| **5** | 20211827 | حسين اسامه الحسيني |  |  |
| **6** |  |  |  |  |

**Grading Criteria:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Items** | | **Grade** | **Notes** |
| **System Architecture –** *including any applied Architectural Pattern(s).* | **1** |  |  |
| **Sequence Diagram(s) –** *including varying fragments, interaction references/gates, different types of messages & constraints, .. etc.* | **2** |  |  |
| **Collaboration/Communication Diagram(s) –** *including different types of messages, and the objects must have stereotypes indicating their categories based on the given class/object structuring criteria.* | **1** |  |  |
| **State-Machine Diagrams –** *for all state dependent objects, and for the entire system too, including “when necessary” Events/Actions, Guards, Entry and Exit events/actions, Composite and Orthogonal states, Submachines, History States, .. etc.* | **2** |  |  |
| **Object Diagrams –** *including object diagrams that illustrate the preconditions and the post-conditions of selected functions.* | **1** |  |  |
| **Detailed Class diagram –** *including “when necessary” Classes, Attributes & Methods, Interfaces & Abstract Classes, Associations / Aggregations / Generalizations / Association Classes / Qualified Associations, Constraints - including also the categories of the classes based on the given class/object structuring criteria, and stereotypes indicating the type/category of each class.*   * *All necessary types/categories should be modelled.* * *All necessary design patterns should be applied.* | **2** |  |  |
| **Stimuli/Response Identification (State Transition Table)** | **1** |  |  |
| **Implementation & discussion. Marking the code will be based on the following criteria:**  **1) Requirements are fulfilled.**  **2) Correctly mapping design models into executable code.**  **3) Running correctly.**  **4) Connecting to FireStore Firebase**  **5) Using Authentication**  **6) Updating UI in real-time**  **7) Detailed Testing.**  **8) Applying real-time use case**  **9) UI is user friendly**  **10) Correct multithreading implementation and synchronization.** | **10** |  |  |

**N.B.:** **You must update and resubmit the initial part of the documentation submitted in phase 1** (including the Functional / Non-Functional requirements, Use-case Diagrams & Descriptions, Activity Diagrams, Interaction Diagrams, Object Diagrams, .. etc.).

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**Teaching-Assistant’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**