جامعة مصر للمعلوماتية
EGYPT UNIVERSITY
OF INFORMATICS

FACULTY OF COMPUTING
& INFORMATION SCIENCES

C-SW312: Introduction to Software Engineering
Fall 2014

Guidelines for project deliverables

1. For all diagrams, be **creative and rationale** on your assumptions about the information required, and try to include everything that is *important* for your model to be explanatory.
2. For EACH deliverable, each group must submit a well-written and organized **Technical Report document** containing ALL steps, tables and diagrams and also describing your solutions and rationales to the assignment, together with the respective UML project (based on the deliverable requirements, preferably zipped or otherwise compressed). **Any assumptions you made during your work must be explicitly mentioned either in the Technical Report and (optionally) on the diagrams in the form of comments**.
3. Submit your **Technical Report document** in PDF format and No Handwriting will be accepted.
4. All submissions will be on Canvas and a submission link will be created for each deliverable.
5. Prepare your Jira timeline and share your work with your group on Github.
6. **Plagiarism will be treated strictly.**
7. **NO LATE Submission will be accepted, and NO EXCEUSES**
8. **Any late submission will take ZERO.**
9. Please bear in mind that submission at the last minute might cause a network problem, and that would not be taken as an excuse. Therefore, you need to submit as early as possible on the submission day.
10. Discussions will be scheduled after the submission. Eng. Shereen will return the submitted reports to each group with feedback highlighted inline (in the form of embedded comments).

Guidelines for Deliverable#3: Dynamic/behavioral Modelling

Deadline of submission: Monday 25th of November 2024 at 11:59 pm

Guidelines for Deliverable 3

Deliverable#3 is divided into two reports:

Report#1: Activity, System Sequence and state machine diagrams

1. Model the workflow behaviour of the whole system using a UML activity diagram, by utilizing swimlanes.
2. Model the workflow behavior of **three selected COMPLEX enough** 'use cases' from Deliverable#1 using UML activity diagrams, by utilizing swimlanes.
3. **For each** use cases identified in Deliverable#1:
    - create a System Sequence Diagram (SSD) capturing the behaviour of the use case by considering the **primary scenario** (everything-goes-right scenario) and all **exceptional/alternative** scenarios. If you reach a cluttered diagram, you may model each scenario as a separate diagram, i.e., primary scenario and exceptional/alternative scenarios.
4. Create **two** state machine diagrams capturing the dynamic behavior of two chosen data objects (defined in your class diagram- Deliverable#2). Please select ONLY data objects with complex behavior, where it's important to keep track of their states. Be creative and make use of concurrent paths and composite states (whenever possible)

Report#2: Software Requirement Specification

5. Document identified requirements in an SRS (Software Requirement Specification) document using the Volere template