

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#5:

Deadline of submission: Thursday 2nd of January 2024 at 11:59 pm

Application Design (Detailed use case design-Use case Realization): Chapter13

1. **Use case realization/design** should proceed use case by use case, by using the requirement models of Deliverable#1 (**Domain Sequence diagrams, activity diagrams and domain class diagram**). That's:
 - a. Classify your use cases into: simple, **moderate** and **complex** (you don't have to repeat step, if it's already documented in Deliverable#4).
 - b. Develop communication diagrams for **moderately complex** use cases. Then update your design class diagram iteratively
 - c. Develop multi-layer sequence diagrams for **complex uses cases**. You need to clarify in your report step-by-step how the extension is done from domain sequence diagrams to the Multi-layers sequence diagrams. Then update your design class diagram iteratively.
 - d. Your report should show your complete Design class diagram as a result of the design activities conducted in Deliverable#4 and Deliverable#5
2. **Develop** a package diagram of the final/complete design class diagram

Architectural Design: Chapter6

3. **Develop** an architectural model of your Software System using a Component Diagram (will be covered next week in the remaining parts of Chapter 6)