C-SW311: Software Design and Development
Spring 202

Submission and Discussion guidelines

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 <u>ALL steps, tables and </u>diagrams and also describing your solutions and rationales to the assignment (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**.

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. **Plagiarism will be treated strictly.**

6. **NO LATE Submission will be accepted, and NO EXCEUSES**

7. **Any late submission will take ZERO.**

8. 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.

9. 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#1 (Chapter 11: Project Planning and Project Management)

Deadline of submission: Saturday 8th of March, 2025 at 11:59 pm.

I. Based on the "System vision document" you have developed in the Introduction to Software Engineering course, apply the "Quantify Project Approval Factors" activity of Core Process#1 to your project. That's:
    a. Construct a table showing "Estimated time for completion" of your project.
    b. Construct a table showing "Estimated cost for development" of your project.
    c. Construct a table showing the "cost-benefit analysis" of your project.
    d. List the intangible benefits of your project
    e. Identify Project risks and suggest response plan/action for each identified risk

II. Core process#2: Plan and monitor the project:
    a. Describe your project environment
    b. Create a Gantt chart for each planned iteration of your project. The Gantt chart should show task times, dependencies and assigned efforts
    c. Mark the critical path on your Gantt chart

III. Based on the experience you gained from the C-SW321 team project, discuss how would you have applied the activity:
    a. "Evaluate Work Processes" activity.
    b. "Monitor Project Progress and Make Corrections"
    c. What are the lessons learned?