

BSc (Hons) in Information Technology

Assignment I

IT1060 – Software Process Modeling

Semester II- 2024

Instructions:

- This assignment is to be done with the same group as per the ISDM grouping.
- The case study is the same which is selected for ISDM, OOC and IWT modules.
- This assignment has 10% weight on the final mark.
- The assignment should have Assignment 1 Cover Sheet and Assignment 1 Certify Sheet as first two pages.
 - o Assignment will not be valid if those are not attached.
- Use a software to draw the Use Case Diagrams.
- The diagrams should be clear with all the necessary details.
- Only one file should be submitted through the link in Courseweb. Files should be renamed with your assignment topic.
- Marking Guideline is uploaded to Courseweb.
- You can use the concepts we discussed in the lecture and labs or from other resources and apply those to your specific case study.
- You could make any realistic assumptions related to the case study and please write those assumptions.
- You could refer Software Engineering by Ian Sommerville 10th edition or any other resources.



Assignment Task:

The student group has to analyze the chosen case study and,

a) Draw a Use Case diagram showing at least 10 main use cases.

For the Use Case Diagram, each member of the group should write his/her

- Worked sections,
- Special contributions,
- Challenges faced and
- b) Each group member should write at least one important Use Case Scenario indicating his/her ID.

Important Points

- 1. The assignment cover sheet and certify sheet should be attached as the first two pages of the assignment.
 - Assignment will not be valid if those are not attached.
- 2. Late submission will be penalized by 10% reduction per day.
- 3. Assignment deadline will be published on course web.
- 4. Follow the link on course web for assignment submission.
- 5. "Turnitin" tool will be used to detect plagiarism
- 6. Plagiarism will be penalized.