

Projects Proposal

Software Analysis and Design, Fall 2021



Dear Students

Kindly submit me the term project proposal till Tuesday 26th October 2021 11AM.

1. You must create a detailed project proposal document that should contain (a) A brief description of the project, ~~(B) Tentative GUI Mockups and (C)~~ (B) a complete feature list of your application.
2. Project should be related to MIS. (Database driven project)
3. Only Three-person group is allowed, three student group must list 15 core domain features in proposal. (e.g., login / logout are not domain features)
4. ~~For Mockups of your project, please use Balsamiq (<https://balsamiq.com/products/mockups/>), create only 3 to 4 screens of the proposal to give a fair idea of the GUI.~~
5. If any student fails to submit a reasonable project proposal within this week, then they will be assigned some reasonable project by the instructor.
6. ~~Proposal should contain only 1 paragraph of the project description, list 15 core domain features, and 3-4 screens of GUI mockups.~~

Project Deliverables:

Submit following deliverables in final project submission:

SRS in IEEE format (https://web.cs.dal.ca/~hawkey/3130/srs_template-ieee.doc), ERD, Project Flowchart, Sequence & Activity Diagrams, Network Diagram, Your own process model strategy for software development, Project Plan, Feasibility report, systems architecture, two tier, three tier and N tier architecture, Component, Object Diagram, class diagram, Object communication, Generalization and inheritance, all types of UML associations, Associations, dual associations, self-associations, aggregation, composition, interface classes, realizations, dependencies, parameterized Classes, Enumerations, Concurrent objects , active objects, main architecture diagram, Layered architecture models, Use Case diagrams and their descriptions, Subsystem models, Sequence models, Data collection sequence, Collaboration & State charts, Object interface specification, IDL, Analysis Classes, Deployment diagram, Homogenization process. Student need to submit the presentation, UML Generated Source Code, UML project file (Papyrus), UML exported diagrams in PNG and project report with the realization of above mentioned UML diagrams with detailed descriptions. Student also need to demonstration of the working software.

Note:

1. Last date of submission of project proposal is 26-10-2021.
2. Last date of complete project submission 1st day of the 14th week of semester.
3. Assignments will **not be** accepted after due date.
4. Plagiarism, if detected, will result in zero marks!
5. Assignment must be submitted in a proper file cover, and must be labeled properly.
6. Cover Page: Student name, roll no, date of submission.
7. Attach print of this question paper after cover page.