Team Project Objectives

Learning Objectives and other Requirements:

As part of prepare yourself as a skillful software developer, you must learn and demonstrate that you can perform the stages of software project development:

1) User Requirement Analysis
2) Project Proposal,
3) Coding and Debugging
4) Software Release
5) Software Presentation/Demonstration

Your selected and proposed projects should be implemented with the knowledge you have acquired from Application Development-1 and other courses during semester(s).

You may select an application to develop as your final team project from any of (but not limited to) the following domains (you can bring your own ideas for the team project):

1. Educational applications with Database
2. University / College Management System with Database
3. Students' Information System with Database
4. Students' Enrollment and Billing System with Database
5. Exam / Test / Quiz Application with Database
6. Bank Accounting System with Database
7. Employees' Information and Payroll System
8. Contacts Information Management System with Database
9. Personal Health Monitoring with Database
10. Inventory Management System with Database
11. Hospital Management Application with Database
12. Point of Sale for small business with Database
13. Fast food / Coffee Shop System with Database
14. Patient Record Management Application with Database
15. Stock Market Investment Monitoring with Database
16. Restaurant Reservation and Billing System with Database
17. Hotel Reservation and Billing System with Database
18. Gym Management System with Database
19. Parking Garage automation and Billing System with Database
20. Real Estate Management System with Database
21. Game Application
22. Web-based application

Be aware that

a) For this **"Team Project"**, you can work as two or three (maximum) members team.

b) "Team Project" application must be a C# GUI-based application.

c) Number of features to be implemented in a project will depend on the number of members in that team. The application should support, a minimum of five (5) features for each student in the team project.

d) Please refer to course-outline, **"Team Project"** has 25% weight of your final grade, so your selected application for your **"Team Project"**, should be broad enough. Your selected and implemented **"Team Project"** application's size, functionality and other features should justify your selection of an application as a **"Team Project"** of 25% worth of your final grade.

e) All teams are responsible to give presentation / demonstration of their "Final Team Project" to the class members and other audience. So, design / develop your "Team Project" application with unique functionality and features.

What to Submit (Deliverables):

1. Project Proposal:

On or before October 24, 2025 (Friday), please submit via mio, 2-3 pages long your "**Project Proposal**" with project details, including team members' names, application name and description about application's functionality and features.
After approval of your submitted project proposal from your teacher, you will proceed to project development step.

2. Project Implementation (Working application):

Team members are required to implement the proposed project into a working and fully functional C# application.

3. Project Demonstration:

Team members are required to give an in-class presentation/demonstration in front of other class members, of their **Team Project**'s working and fully functional C# application.

Team Project's presentation/demonstration (10-15 minutes, 5 minute per team member) will be held in the last week of 2025-Fall semester (December 05-11, 2025).

4. Project Application User Manual:

Team's members are required to prepare and submit project application user manual of their final **Team Project**'s completed and working C# application before the demonstration day.