Project Information

Project introduction

Project management apps ([Kanban](#)) enable you to organize and prioritize your tasks and projects. These apps are using boards, lists, and cards to help users to organize their projects and never forget what they should do.

In this course, you will develop a desktop application for a project management system. Your software will store user boards, tasks, etc.

Logistics

Projects are to be written in groups of 3, no more and no less. You will have a total of 4 milestones throughout the semester. Completed milestones are presented to the staff during milestone lab sessions where your team demonstrates your implementation of the milestone requirements. All team members are required to be present during the milestone lab. You will be writing code in C#. Version control is expected of you via GitHub (explained in lab #3 and #4).

The requirements for the milestones will allow flexibility in the implementation. We encourage you to carefully engineer your project for versatility for easy maintenance.

Submission and Source Control

Project development is expected to be performed by all team members over GitHub. You will create a GitHub repository and add the course staff as collaborators (GitHub handles "shtarG", "JulTulisov" and "DimaKagan"). Your GitHub repository should be made **private** and named "**ISE182_project**". This part will be taught and performed in lab session #3 and #4. High Level Design (HLD), Low Level Design (LLD) and the clarified requirements documents must be available on git alongside with the code and updated for each milestone.

Your code should be well documented.

When your milestone code is ready, create a tag named "milestone_#" on your latest commit with the correct milestone number. Using tags is common in the software industry for marking stable versions, we will use it in the same way. We will give you a hands-on experience of working with tags in lab #3 and #4.

Before each milestone submission, you will register your group and each of your group members in a google sheet (Milestone 1, Milestone 2, Milestone 3, Milestone 4). Don't change your group number unless it's really necessary.

Grading

Your milestones deliverables will be graded with the following criteria in mind:

- A code design that matches the document's design (HLD and LLD).
- Usage of engineering patterns taught in class (n-tier architecture etc').
- The right use of OOP best practices.
- Usage of git. Did the group use branching as expected?
- Code readability, maintainability, and stability.
- Does the code perform its function?
- Participation of all group members. We expect to see commits from all team members!
- Delivering results on time, every hour late reduces 5 points. The staff will use the "milestone_#" tag to determine completion time.