Project Assignment 5 (PA5)

Introduction to Software Engineering
CS300_20TT1, CSC13002_20CLC01

Due Date: **28/12/2022**
Total score: 30 points

This is a project assignment that will be submitted by each team.
You have the following documents to be done and submitted.

a – Implementation

This requirement is not graded in this PA5 but will be graded in PA6 during your presentation. However, your team has to implement key features of your application before performing testing activities required in Sections b and c below.

b – Test plan and test cases (25 points)

Software testing is an indispensable part of software development. In this step, you are asked to prepare a test plan, design test cases, execute test cases, summarize and report test results. All templates of these documents are provided on Moodle.

In the test plan, you should have several sections as mentioned in LN10-Software Testing. Fill in all of the sections specified in the test plan template. In the test plan, you need to list the features needed for testing.

In the test case, you are required to perform functional testing, which is one of the techniques used to test your application.

Design at least 25 test cases for at least 5 features from the application. Fill in the test case template the following information: test case id, name, description, precondition, steps, and input data, expected result, name of the tester. *The actual results and the statuses of test cases will be filled in later, in PA6, when you execute/run the test cases.*

c – Weekly report (5 points)

Prepare weekly reports for the weeks starting from the last reported week until the time of submission. Fill out the template with all information required.
We expect that the weekly report includes the fine-grained divided tasks with particular responsibilities.

Submission Rules

All you students must copy all documents to the directory named PA5-Group[Group ID] and compress the whole directory to file PA5-Group[GroupId].zip/.rar
For example PA5-Group01.zip

Grading Criteria

The assignment will be graded according to how well each team member and your team prepare the required documents using the limited information your team has at this time. Criteria include:

- English writing: easy to understand, clear, few errors
- Well formatted texts, diagrams, charts
- The test plan reflects the requirements and the overall project plan.
- Clear sets of test cases with detailed steps and necessary information included.