

## Project Assignment 1 (PA1)

**Due date:** 28/10

**Total points:** 50 points

This is a project assignment which will be submitted by each team.

You have the following documents to be done and submitted:

### a -- Project plan (20 points)

You are required to draft an initial version of your project plan. After submitting this version, the TA's will review and provide feedback. Based on the feedback, you will update and submit again in the next assignment (PA2).

The project plan document follows the template provided in Moodle. The plan should follow the overall plan detailed in the class (Week 3).

In this PA1, the project plan is NOT required to be fully complete in this Inception phase. Instead, your team SHOULD fill out relevant information for the following sections:

- 1. Introduction: be brief
- 2. Project Overview (and its subsections): be brief
- 3. Project Organization (and its subsections)
- 4.2 Project Plan (and its subsections)
- 4.3 Project Monitoring and Control: Sections 4.3.1 and 4.3.3. Leave Section 4.3.2 blank for now.

When using the template, remember to remove the *[blue italic texts]* and replace them with your texts in normal format (black and normal font, use font 10, Times New Roman). For the other sections, remove the blue texts and keep them empty.

For Section 4.2, make sure the content is consistent with Sprints/Iterations specified in the class, **PA0** and your project schedule:

- Section 4.2.1: every project will have 3 phases (Inception, Elaboration and Construction) and 5 Iteration/Sprints.
- Section 4.2.2: specify how many builds you will produce for testing and when you will produce.
- Section 4.2.3: detail the phases and iterations/sprints according to the lecture note. Use a tool like Jira to schedule and copy it to this section. The tool provides an overall schedule for the project with phases, sprints, and key tasks to be performed. You also

need to assign tasks to team members. This schedule can be changed in the future. For each sprint, use the tool to schedule tasks and monitor their progress.

**Important note:** you need to write the plan according to your project. Do not use existing texts in the template that do not reflect your project plan. For example, your tester does not necessarily have all responsibilities provided in the template, so delete those responsibilities that are not relevant.

### Overall schedule

The project will follow elements of both RUP and Scrum. It is organized into 5 sprints, 2 weeks each. The following is the overall schedule for the project in this course:

Phase (RUP)	Sprint (Scrum)	Start	End	Assignment	Main objectives
Inception	1	13/10	26/10	PA0, PA1	Project proposal, initial requirements
Elaboration	2	27/10	9/11	PA2	Detailed requirements and initial design.
Elaboration	3	10/11	23/11	PA3	Detailed design and test planning
Construction	4	24/11	7/12	PA4	Implementation and testing
Construction	5	8/12	21/12	PA5	Implementation and testing

### b -- Vision document (20 points)

Prepare an initial version of the vision document for your project using the vision document template provided in Moodle.

Try to fill out all the sections with the information you have at this time, but you are not required to fully complete the document.

Similar to the project plan, you will update the vision document again after this assignment.

### c -- Weekly report (5 points)

To facilitate your team's discussion on how the application looks like, create from 2-5 screens/UI sketches for your application's main screens. You can use an AI-powered tool and any other ways to create UI sketches for your application.

### d -- Weekly report (5 points)

Prepare two weekly reports for two weeks in the Inception phase (Sprint 1). Fill out the template with the information required.

#### Submission:

You must copy all documents to the directory named PA1-Group[Groped] and compressed the

whole directory to zip/rear file.

For example: PA1-Group01.zip

Grading Criteria:

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

- English writing: clear and easy to understand with few errors.
- Well formatted texts, diagrams, charts.
- Including information that your team has at this time, such information as project problem description, project goals, project description, team information, etc. For the vision document, high-level product features and non-functional requirements are needed. You also need to describe who the users are, why they need your proposed solution (problem statement).