

# Project v.1

## CS2901 Software Engineering I

### 1 Summary of Deadlines

#### 1.1 Mock-up Presentation: Wednesday, 18th September

You should consider into your presentation the following items:

- Five must-have user stories and three nice-to-have user stories.
- Select one of the must-have user stories and present its corresponding use case.
- Include some UI mock-ups (they can be hand-drawn or created using a tool such as PowerPoint or Balsamiq).

#### 1.2 Documentation v1.1: Wednesday, 18th September

You should submit all items from Section 3 in your project repo.

### 2 Project Milestone: Gathering and Specifying Requirements

#### 2.1 Brainstorm user stories

Get together with your team members and brainstorm for user stories

- It is ok to have more user stories than you can deliver in the project. Aim to create **at least 30 user stories**. Include all 'obvious' ones you can think of but also look for 'non obvious' ones.
- You should write each user story in an online tool. You should use GitHub issue tracker to manage user stories.

#### 2.2 Prioritize the user stories

- Take one user story at a time and get team member opinions about it.
- Based on the team consensus, put the story (i.e. the piece of paper) onto one of these three categories:
  - *Must-Have*: The product will be practically useless to the target user without this feature.
  - *Nice-To-Have*: The target user can benefit from this user story significantly but you are not certain if you'll have time to implement it.
  - *Not-Useful*: No significant benefit to the target user, or does not fit into the product vision.

### 3 Documentation: User Guide

Based on your user story categorization in the step above, given module requirements/constraints for the project, and the current state of the product, select which user stories you are likely to include in the next version. We are ready to start writing the User Guide.

Document the following items using a convenient format into your project repo.

- **Target user profile, value proposition, and user stories:** Define the target user profile and value proposition to match the project direction you have selected. Give a list of the user stories (and update/delete existing ones, if applicable), including priorities.
- **Use cases:** Give use cases (textual form) for a few representative user stories that need multiple steps to complete. Consider at least five use cases.
- **Non-functional requirements:** Many of the project constraints are NFRs e.g. performance requirements, usability requirements, scalability requirements, etc. List NFRs of your project.
- **Glossary:** Define terms that are worth defining.
- **Surveys and Interviews:** You should report your surveys results (population, confidence level). It is important to describe your findings. With respect to the interview, you should update your final versions. You must report your most important findings based on your gathering requirements.