

## Group 4 Workflow Plan

The document henceforth outlines the workflow plan that we, Group 4, will be using for our project in SWEN30004.

### Iterations

Three iterations will be completed according to the subject schedule, finishing in the following weeks:

1. Week 5
2. Week 8
3. Week 11

### Task Breakup

Tasks will be broken up initially at the start. New tasks will be added as deemed necessary, and existing tasks revised whenever the requirements change. We will also revise our tasks at the start of each iteration. We are using Trello as our task management solution, however some of the task detail fields aren't included on Trello.

### Task details

**Title** - this should be filled in as soon as the tasks are defined, as they should provide some clue as to what the task entails

**Description** - should be filled in as soon as the tasks are defined. This extends on the title, and should link back to our requirements

**Expected time** - This field is not available on Trello. We will define it as part of the description. We will budget time as soon as possible but we expect to revise this over the course of the project. We will start conservative with our estimations.

**Priority** - This will be filled in at the start of an iteration.

**Assignee** - We may plan this based off our expected times, but we expect this to be decided as we go.

**Which iteration** - As part of our requirements document, we have defined a number of minimal, core, and stretch functionalities. We will add this at the start of every iteration depending on how long it takes to get our app off the ground. In Trello terms, this means that at the start of every iteration, we will add tasks to the 'Current Iteration' board to complete.

### What needs to be done -

As soon as possible. As many of our features have dependencies, it is clear that this has to be top priority so we understand what needs to be completed in each feature/task. We will create

checklists on Trello to help us track what activities a task might need.

### **Workflow**

1. Iteration start
2. Select tasks for iteration - fill in missing details if deemed pertinent.
3. Fill in priority for tasks - what is most critical this iteration?
4. Assign tasks
5. Implement
6. Test
7. Demonstrate to tutors
8. Iteration End