

Software Design Project

COMS3011A

Project Assignment and Sprint 1 Instructions

Tamlin Love (1438243@students.wits.ac.za)

1 Group and Project Instructions

To start off, you will need to form groups of between 3 and 5 members. You may continue with your COMS3009A groups if they are within this size range. If your group is larger, you will need to split into two groups of appropriate sizes.

Once you have formed a group, you will need to select a scrum master from the group members. Remember that a scrum master is in charge of communicating with me and your client and ensuring that the scrum process is followed. The scrum master is still expected to do their fair share of design and implementation.

Your group will then need a name. If your group is carrying on from COMS3009A, you may use your old name or pick a new one. Puns are more than welcome!

Once you have all of this, you will need to select a project. You may continue your project from COMS3009A or select a new one. If your group had to be split into 2 groups, both may continue with the old project, but you will need to communicate with me so that we can ensure that both groups are working on sufficiently different user stories. If you are selecting a new project, you will need to select your top 3 projects from the Project List on the Moodle page. If you want and have a good idea, you can also work with me to create your own project.

Once you have all of the above information, the group's scrum master should send me an email at 1438243@students.wits.ac.za, which should include the group name, the project(s) you would like to do and the names and student numbers of each group member, indicating who is the scrum master. For example, the body of your email may look like this:

Group Name: Team); DROP TABLE USERS; –

Project Choices:

1. Project 3: Wits Overflow
2. Project 1: Shopping List
3. Project 7: Wits Social (Instagram Clone)

Group Members:

- Fred Jones (1234567) - Scrum Master
- Velma Dinkley (7654321)
- Daphne Blake (1357924)
- Shaggy Rogers (6942069)

Your email must be sent to me by the **10th of August**, so that I have time to allocate your groups a project and client. You must send me this email even if your group is unchanged from the last semester. If you are struggling to find a group, or if your group is looking for more members, please email me so I can help.

2 Sprint 1 Instructions

Once you have been assigned a client and project, you will need to meet with them (in person or online) for a Sprint Planning meeting. Please take note of the following requirements for Sprint 1:

- All 5 types of scrum meeting need to happen and should be documented
- You should create a Taiga/Trello/etc. page for your project and document all user stories and tasks.
- You should create a Github repo for your project and set up a continuous integration tool (e.g. TravisCI, CircleCI) and a code coverage tool (e.g. Coveralls, CodeCov). You are expected to have at least a few unit tests by the end of the sprint.
- You should have some architectural diagrams of your project. You will be expected to have a high level diagram of your architecture for the first sprint. Subsequent sprints will require all diagrams to be present and in the correct formats.
- For sprint 1, you will need to implement at least one user story per group member (e.g. a group of 3 should implement 3 user stories). Later sprints will require more.

Consult the rubrics in the course outline for further information. Sprint 1 ends on the **6th of September**, so make sure everything is ready by then. Instructions on how to demo your project will follow in due course.