

## COMP2211 SEG Deliverable 4: Increment 3

The increment 2 deliverable contributes to the Project Portfolio and contributes 15% towards the total marks for the portfolio. This deliverable is the second increment of your application, as planned by you during envisioning (deliverable 1), modified through feedback and built in the second sprint.

What should be included:

- **Working Code** The code should reflect the final version to be delivered to the customer. As such, it should be correct, robust, fit for purpose, and offer a good user experience.
- **User Guide (2-3 pages)** The user guide should be user-centred, address frequently asked questions (FAQs) and outline known issues. For the FAQs, you could think about the questions that your supervisor has asked you.
- **Short Document / Slides as Discussion Aid** This should enable a purposeful conversation with your supervisor during the marking meeting. The contents are up to you, but may include:
  - Key design artifacts
  - Discussion of key design choices / decisions
  - Key storyboards and screenshots
  - Key test outputs against scenarios
  - Responses to feedback
  - Sprint burndown chart

**Format:** The submission material should be collated as a single .zip file. Please name this file `team_X_increment3.zip` , where X is your team number. The file must contain:

- a code directory with:
  - your compiled, working code as a single `increment3.jar` file.
  - your source code in a `src` subdirectory.
  - (optional) a short `readme` file to describe how to run the code if there

are additional dependencies.

- an application demonstration directory with either
  - a video giving a scenario based walkthrough of your application
  - or screenshots showing the same scenario based walkthrough of your the main views and input dialogs of your application.
- a `documentation` directory with: the user guide and documentation in PDF or standard MS Office formats.

### **Submission**

Hand in your work through the ECS coursework hand in system.

### **Deadline**

Wednesday, 13th May 2020, 4pm (for electronic submission).

### **Review Process**

You will demonstrate your work to your supervisor and a second reviewer during a feedback session. This should take place on the Friday, Monday or Tuesday morning (by 1pm at the latest) immediately following the hand in deadline. It is your responsibility to arrange a time on those days that is mutually acceptable for everyone in your team, your supervisor and your second reviewer. This feedback session will represent a final user acceptance test, where the reviewers will take on the roles of the customer and rigorously evaluate the final application. They will review your application on correctness and robustness, on whether it meets their requirements (as defined and re-negotiated throughout the previous increments), on the extent to which prior feedback has been taken into account and on the overall user experience. They will also review your user guide at the meeting, and as for previous increments, you will be graded on design, testing and planning. You will receive general feedback immediately, but no marks or specific grades. Marking will then be done by the module team based on the documents you submitted, as well as on the comments and reviews provided by the reviewers during your feedback session.

It is mandatory for all of you to attend the feedback session.

### **Marking Scheme**

The contribution Increment 3 makes towards the portfolio mark for your project will be from 0-5 marks for each of the following categories:

- Working Code (weight 8)
- User Guide (weight 2)
- Design and Planning (weight 3)
- Testing (weight 2) Specifically, we will evaluate you on the following criteria within each category:

- **Working Code**

- The code is correct and robust.
- The code is fit for purpose and offers real value.
- The code provides good user experience.
- The code meets the requirements of the customer, as defined and re-negotiated throughout the project.

- **User Guide**

- The User Guide is clear, concise and user-centred.
- The User Guide contains all pertinent information, and no more.

- **Design and Planning**

- There is a clear and correct burndown chart which has been used to track progress throughout this increment together with a sprint progress chart.
- Progress was according to plan, or, where necessary, appropriate re-prioritisation of work has taken place.
- Appropriate design decisions have been taken, and justified appropriately.
- Design artifacts have been supplied to record the chosen design, and are in the correct format.

- **Testing**

- The team has used automated unit testing verify the correctness of their application.
- A range of techniques including component & integration testing, boundary partitioning, and automated regression testing have been used.
- Objective acceptance criteria have been identified and tested for all user stories, and thorough testing against scenarios has taken place.

**Coursework mark distribution sheet**

Your group may optionally choose to fill out and submit a coursework mark distribution sheet if the individual efforts towards this deliverable have been uneven. This form is available on the module home page, along with the rules governing it. The form (if used) should be appended to your report/slides.