Project Description, TCSS 360
Version 20 October 2014

Deliverables, Check-ins and Code Demo
The project is completed in a set of deliverables. Deliverables are due approximately every three weeks. In the weeks between each deliverable are one or more check-ins, which will involve in-class presentation and discussion of your deliverable under development.

- Check-ins are for purposes of obtaining feedback for improvement, and are ungraded.
- Deliverables are for purposes of evaluating learning, and are graded.

In addition, you will demonstrate your executing code during the last week of the term. Specifications for what to hand-in for each deliverable, check-in, and the code demonstration are detailed below.

Requirements
Check-in 1.
In a single document, provide:

1. A list of user stories from the client interviews,
2. A list of business rules.

Deliverable 1.
In a single document, provide:

1. A list of user stories from the client interviews,
2. A list of business rules,
3. A sequence of images for the paper prototypes of the success scenarios for the 4 highest priority user stories.

Design
Check-in 2
1. A class diagram for your model code on a single page.

Check-in 3
In a single document, provide:

1. A class diagram for your model code on a single page,
2. A sequence diagram for user stories 2, 3, 4, and 11 in the official requirements, one per page,
3. A one paragraph description of the computation for each sequence diagram at the bottom of the same page,
4. A design rationale.

Deliverable 2
1. A class diagram for your model code on a single page,
2. A sequence diagram for user stories 2, 3, 4, and 11 in the official requirements, one per page,
3. A one-page sequence diagram that represents the collaborations from when the application first starts up to just prior to the first user interaction.
4. A one paragraph description of the computation for each sequence diagram at the bottom of the same page,
5. A design rationale.

Code & Test

Check-in 4

1. For each person in your group, provide the unit tests and the code for the most complex method of one of the classes assigned to him or her.

Check-in 5

1. As a group, demonstrate that your program executes one of user stories 2, 3, or 4 and enforces all of the business rules associated with this user story.

Deliverable 3

In a single zip file, include:

1. Source code,
2. Executable jar,
3. JUnit tests,
4. Input data files that you tested your code on (in the correct directories relative to the executable),
5. projectState.txt file that includes:
   a. A list of every user story and every business rule, with a “yes”, “no”, or “partial” after it indicating its state of completion. Anything that is “partial” should have a brief explanation.
   b. For each person in your group, list the different classes and methods that he or she coded or worked on.
6. Any other files that you think I will need in order to execute your application.

Change Log

• 20 October 2014. Simplified the description, bulletized the requirements for each check-in and deliverable, and generated using Word rather than html.
• 25 September 2014. Original version, adapted from previous quarters.