CSC 310: Software Engineering Without Programming
Winter 2020
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Final Report

Due: Wednesday, March 18, 7:00pm

Assignment

The final assignment for the quarter is the Final Project Report. Each team needs to build one report and submit it via PolyLearn by the deadline.

The report is a revised and improved collation of most of the project-related documents you have produced during this quarter. The "*revised"* part refers to your need to take all comments given to you for different portions of the project documents into account and fix all errors/inconsistencies noted in the instructor's comments. (Note: this applies only to the documents you have received graded. You **will not** be penalized twice for issues with the documents that could not be graded in time to provide you feedback). The *"improved"* part means that your final report is expected to be a *cohesive and coherent* collation of the documents, that provides a holistic narrative of your project experience.

Your final report shall include the following sections:

1. *Title*, names and email addresses of all team members in your section.
2. *Abstract* describing very briefly what is detailed in the report.
3. *Introduction:* the revised version of the initial product proposal document. The Introduction should document the negotiation process between your team and the CSC 308 students, and shall end with the final Vision-in-a-box statement your team has agreed upon.
4. *Personas:* Please provide a curated list of personas. Edit your personas document so that there is an introduction, describing briefly the need for each presented persona. Feel free to omit from the original list any personas that look superfluous, or that do not have independent user stories (see below). Edit all your personas to follow roughly the same format (if they already don't).
5. *User Stories:* The requirements parts of your report will consist of user stories, use cases, data description, and non-functional requirements sections. For the User Stories section, please order your stories in a way that creates a clear narrative: user stories addressing the core functionality must be placed first, stories addressing secondary features can follow. You are responsible only for user stories your section developed. Some user stories may have to be reported on both teams' report, but you only need to cover the general functionality and the specific functionality your team is responsible for.

6. ***Use Cases:*** Include translations of your user stories into use cases. Make sure that each use case mentions specific user story it implements (I recommend that you give all your user stories, use cases, and non-functional requirements unique tags, e.g., US01, UC01, NFR01).

7. ***Data Description:*** include the final version of your data description document. I expect the informal part of the data description to be sufficiently informative. The formal part shall contain the lists of entity types (entity sets) with all their attributes, and the relationship types (relationship sets), with any multiplicty (many-to-many, many-to-one, one-to-one) information you can provide.

8. ***Non-Functional Requirements:*** the final section of your formal requirements part is the non-functional requirements - submit the requirements you developed for Project Assignment 7.

9. ***Lessons Learned.*** Provide a detailed reflection on the course project. Let us know what you have learned as part of your work on the project, what are the things you wish you have learned better, what were the pain points and frustrations. Identify any things you would have done differently. I want to see both the general team reflection - jointly co-written by all team members, as well as individual reflections of each team member (although, for obvious reasons, I urge you to keep interpersonal conflicts out of these reflections).

Submission: Submit both the PDF AND the Word (or other editable format) copies of your report on PolyLearn (we need the editable versions so that we could later anonymize your documents for the research purposes).

Thank you very much and GOOD LUCK!