**CSET 120**

**Fall 2017**

**Assignment:** CPOSC Group Project, Website & Presentation

**Due:** Thursday, December 14, 2017

Sprint Review: December 1, 2017

Project Due: Thursday, December 14, 2017

Final Presentation: Friday, December 15, 2017

**Assignment Description:**

In groups of 3, we are taking everything we have learned this semester to build a mock desktop application with HTML5, CSS3/SASS and JavaScript. This desktop app will live in the browser and have multiple pages and layouts. This project will focus on using best practices in front end development **and** test your ability to problem solve and collaborate in a group. Your team should use Git & Github to track project files and work collaboratively in the same repository, as well as Trello or another project management software to track progress. Good communication will be key in completing this project on time and effectively, as well as researching techniques and tricks you have not yet learned or used.

Teams will present on their process, what they learned, what they wish they knew going into the project (and now know), how they tackled teamwork and the project itself, and anything else that’s relevant to the project’s development. Presentations should be at least 5 minutes, and no longer than 10, and include screenshots, visuals and examples of points being made. **A PowerPoint presentation will be required.**

**Requirements:**

* Websites should be coded using HTML5, CSS3/SASS and JavaScript.
* Teams should use Git & Github to track project files & collaborate in the **same** repository.
* Teams should utilize Scrum & a daily stand up meeting to communicate progress.
* Teams should use Trello, or another **approved** project management tool, to track progress and plan accordingly.
* Teams should choose a Github workflow to maximize efficiency.
* Websites should work in Safari, IE, Firefox and Chrome, *at least* three versions back.
* Presentations should be 5-10 minutes and consist of visuals, screenshots, and examples of points being made.
* Team members must fill out a group evaluation that will be completely confidential on Thursday, December 15th.
* Website must be fully developed by due date. Submitted incomplete projects will receive a maximum grade of 75%. **No late projects will be accepted.**

**Grading Analysis:**

**Problem solving, use of Git/Github & teamwork: 100 points (CSET 120):** Students will be graded on their ability to work collaboratively on the project, share workloads, and problem solve. Students will submit their Github repository link for review to the portal. Students will also fill out a team evaluation that will be completely confidential to help grade their team on collaboration, teamwork and individual contribution.

**Website: 150 points (CSET 120):** Websites will be graded according to ability to problem solve complex issues, while utilizing best practices within HTML5/CSS3. Websites should be fully responsive and work at least three versions back in Safari, Firefox, Chrome and IE. Websites should be fully coded.

**Presentation: 100 points (CSET 120):** Presentations will be graded upon public speaking ability, quality of examples given to the class and meeting the time requirements.