ECpE 491 – Weekly Report #6

Mar 5 – Mar 12

Project Title	Interactive evaluation of shortest path methods
Client & Advisor	Goce Trajcevski, Mengxuan Zhang
Team	`sddec23-14`
Team Members	Alex Blomquist, Samuel Caldwell, Selma Saric, Yadiel Johnson

1 Report

1.1 Abstract

The team used this week to polish up two key things: the Senior Design website, and the draft design document. For the former, the focus was to create a version that was modern and responsive. For the latter, discussions were had about the pace of our progress and the quality of our work.

1.2 Work Breakdown

This week, our team improved on the [Senior Design website](#) significantly. Besides populating it with each member's portrait and description, much care was put into the overall quality of the site. Looking at other team's website from previous semesters served as motivation to create something that the team could proudly display. This meant learning the ins and outs of Bootstrap, the library provided to us, to achieve that. Improvements were made to all major sections of the webpage, notably:

- Removal of arbitrary division heights.
- Recreating the *Team Members* section grid.
- Using Bootstrap's lists for the *Weekly Reports* and *Design Documents* sections.

The result is a webpage that displays the pertinent information while keeping a clean look. As a bonus, it's more "responsive" as the viewport changes, resulting in proper formatting on smaller and larger screens.

Apart from that, the team found itself discussing the upcoming sections of the draft design document. Concerns were raised regarding the speed of our work relative to the course itself. On one hand, some members valued the idea of being perpetually ahead of the assignments because it would allow for major progress. On the other hand, some members expressed concern that the quality of our work would be diminished if it was tackled without any explainers or guidance. A compromise between the two approaches was reached.

1.2.1 Major accomplishments

- Added photos and short descriptions for each member to the Senior Design website.
- Added previous design documents to the Senior Design website.

1.2.2 Pending issues

- N/A

1.2.3 Individual contributions

Name	Individual Contributions	Worked Hours	
		This Week	Cumulative
Alex Blomquist	- Filled out my corresponding biography and user photo for the senior design website - Started work on the team section of the Draft Design Document - Finished section 1.4 in the Design Document	2	21
Samuel Caldwell	Filled out my corresponding biography and user photo for the senior design website	1	17
Selma Saric	- Added changes to our Senior Design website. - Filled out meeting minutes document. - Filled out section 2.2 of this report.	2	21
Yadiel Johnson	- Modified the website's layout for clarity; numerous CSS changes. - Corrected misalignment of the *Team Members* section on the website. - Implemented a responsive layout for the document sections and the team profiles on the website. - Section 1: Report and overall development for this weekly report.	5	30

2 Comments and extended discussion

2.1 Work Planned for Next Week

2.1.1 Collective

The next step for our project is developing the design document draft sections independently from the course itself. Then, the team will be presenting a *Lightning Talks* regarding the "Requirements, Constraints, and Engineering Standards" document detailed in the last report.

2.1.2 Individual

- Alex Blomquist
  - Continue practicing speaker notes for *Lightning Talks* presentation.
  - Continue development of *Executive Summary* in draft design document.
- Samuel Caldwell

- o Continue adding to the design document and integrating previous sections.
  - o Practice presentation using the speaker notes.
  - o Continue adding to the Senior Design website.
- Selma Saric
  - o Practice the *Lightning Talks* presentation using speaker notes.
  - o Present the presentation to the class.
  - o Continue working on the design document and integrating previous sections.
  - o Continue working on the meeting minutes document.
- Yadiel Johnson
  - o Start developing the *Executive Summary* section of the design document draft.
  - o Continue improving the website.

2.2 Summary of weekly advisor meeting

Due to a lack of relevant assignments, the team decided to not meet this week.