

ECpE 491 – Weekly Report #8

Apr 2 – Apr 9

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 “Testing Plan” and its associated presentations was completed this week, alongside discussions about strengthening our design document

1.2 Work Breakdown

The previous week, our team worked on developing the “Testing Plan” document. This document proved to be challenging for various reasons, namely the time scheduling given the easter holiday weekend and each member’s differing travel plans, choice of testing tools and further expansion upon software touched on originally in our design document. Ultimately, we agreed on how to properly fill each section in a way that felt appropriate for the team, with an emphasis on client feedback that shaped a portion of the content.

1.2.1 Major accomplishments

- Completed the “Testing Plan” document and its presentation.

1.2.2 Pending issues

- N/A

1.2.3 Individual contributions

Name	Individual Contributions	Worked Hours	
		This Week	Cumulative
Alex Blomquist	<ul style="list-style-type: none"> • Completed the following sections of the “Testing Plan” document: <ul style="list-style-type: none"> ○ 1.6 Regression Testing ○ 1.7 Acceptance Testing ○ 1.8 Security Testing • Creation and initial formatting, of Lightning talk for Testing Design • Adaption of Sections 1.6-1.7 into Testing Document <i>Lightning Talk</i> 	5	35
Samuel Caldwell	<ul style="list-style-type: none"> • Worked on the following sections of the “Testing Plan” document: <ul style="list-style-type: none"> ○ 1.1 Testing Objective and Tools ○ 1.2 Unit Testing ○ 1.3 Interface Testing 	6	31
Selma Saric	<ul style="list-style-type: none"> • Completed the following sections of the “Testing Plan” document: <ul style="list-style-type: none"> ○ 1.2.1 Unit Testing ○ 1.3.1 Interface Testing ○ 1.4 Integration Testing • Adapted the following Sections from “Testing Design” document into “Testing Design” presentation. <ul style="list-style-type: none"> ○ 1.2 Unit Testing (Backend) ○ 1.3 Interface Testing ○ 1.4 Integration Testing ○ 1.5 System Testing • Filled out Section 1.2.1 and 2 of this report • Filled out meeting minutes document. 	8	39

Yadiel Johnson	<ul style="list-style-type: none"> • Completed the following sections of the “Testing Plan” document: <ul style="list-style-type: none"> ○ <i>Testing, Testing Objectives & Tools</i> ○ <i>Unit Testing</i> (excluding section 1.2.1) ○ <i>Interface Testing</i> (excluding section 1.3.1) ○ Backend portion of <i>Integration Testing</i> ○ <i>System Testing</i> ○ Revisions on <i>Regression Testing</i> and <i>Security Testing</i> • General formatting and quality assessment for the “Testing” document • Overall development for this weekly report. 	8	48
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2 Comments and extended discussion

2.1 Work Planned for Next Week

2.1.1 Collective

The next step for our project is to finish integrating all the previous design document sections we completed into one final design document. Additionally, we need to begin preparing for our final presentation to the board during the first week of May.

2.1.2 Individual

- Alex Blomquist
 - Assist in the integration of previous design documents into our final design document
 - Take additional time to refine some sections of the Testing Section of our design document
- Samuel Caldwell
 - Assist in the integration of previous design documents into our final design document
 - Continue practicing presentation using the speaker notes.
- Selma Saric
 - Continue working on the design document.
 - Continue working on the meeting minutes document.
- Yadiel Johnson
 - Further refinements to the “Draft Design Document”.
 - Idealize different versions of the design for this project.

2.2 Summary of weekly advisor meeting

For our meeting this week on 04/06 we met with our client who offered feedback on our rough draft of the Testing Design document. There were some questions we had surrounding what testing and graphing/mapping tools we should use, and we used the advice we got to fill out our document.