

2024 CSC493 – Capstone Weekly Reports¹

Your name: Stevenson Michel

Week: Week 4

Select Report Date: Sep 15, 2024

Part 1: Weekly Progress Report

- **Accomplishments:** What did you accomplish since the last class meeting?

This week, I intensified my research on Plaid as a valid API provider for banks. It occurs that Plaid has a free sandbox allowing integration of applications, as well as a paid version through real data that can be processed in production. In addition, I finished the UI Interface design of the application. I think that finishing these two pieces, which target the most essential components of frontend and backend, gives me a relief, as I am starting to develop my application.

- **Challenges:** What are your current roadblocks?

Currently, I am trying to establish a connection between the frontend and the backend of my application. It is one of the most difficult processes of web development.

- **Desired Discussion Points:** Do you have any desired discussion points that are not related to roadblocks?

I will surely have to make a decision regarding the database. In that case, I am indecisive about going forward with relational databases or NoSQL databases.

- **Future Goal:** What do you plan to accomplish before our next class meeting? These plans should be related to roadblocks or discussion points. If you plan to change direction, explain why.

Before our next class meeting, I would like to have my backend and frontend connected. Moreover, I would enjoy finishing the UI side of the landing page and login page of my application.

Part 2: Time Reporting

Make sure that as you fill out the first prompt, you include in enough detail in the summary. For example, "debugging" is vague, but "debugged function X to make sure that when user does action Y, it is called and returns the value Z" is better.

- **Time Spent:** Briefly explain how much time you spent on your project. If you worked on multiple components, each should get a detailed summary.

¹ Detailed Weekly Report requirements can be found here: [2024 URCPP Capstone - Using Agile and Reporting Out](#)

Plaid API provider research - 1 hour
Design of UI interface for my application - 2 hours

- **Weekly Total Time Spent:** Make sure to add up all the hours and minutes correctly.

In total, I spent three hours last week working on that application.

- **Total Project Time Spent:** After the number of hours and minutes, make sure to briefly explain whether you are on track and if not, what you may need to do in order to achieve what you set out to accomplish.

I think that I am on the right track. At least, I have a clarified perspective of the requirements and expectations of my project. With these advancements, I am able to start developing, which will be the most tangible accomplishment for that project.

Rubric:

The following rubric will be used, but they might change as needed.

Accomplishments (3 points)

1 point for a general description of progress, 2 points for specifics on progress, 3 points for specifics AND referring to previous targets and explaining how currently accomplishments build on previous ones.

Challenges (3 points)

1 point for mentioning there are roadblocks, 2 points for specifics, 3 points for specifics AND what was done already to try to overcome them.

Desired discussion points (2 points)

1 point for at least one relevant discussion point as a general question, 2 points for relevant discussion points with specifics

Future Goals (2 points)

1 point for concrete future targets (i.e. "working more on the project" is a zero, but "working on getting component X to interface with component Y" suffices), 2 points for tying in the targets with what was hopefully discussed in the meeting.

Time Spent (3 points)

1 point for including general statements of how much time was spent ("4 hours on coding"), 2 points for splitting time into specific parts ("1.5 hours on research on component X, 1 hour coding, 2.5 hours debugging"), 3 points for specific parts and details on the pieces ("1.5 hours researching Turtle interface for drawing concentric circles given inputs from the user, 1 hour coding function X that used that interface, 2.5 hours testing function X by giving it multiple values and fixing errors for values A, B, C, and D")

Weekly Total Time (1 point)

Total Project Time (2 points)

1 point for summing the values correctly, 2 points for the total time AND reflection on progress (you are confident to fit the target and if not, what course corrections you anticipate needing to make)