

2024 CSC493 – Capstone Weekly Reports¹

Your name: Stevenson Michel

Week: 5

Select Report Date: Sep 29, 2024

Part 1: Weekly Progress Report

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

Last week, I was successful in connecting with the Plaid sandbox to get authentication tokens, but I am one step away from getting transaction data and go further with the processing. In addition, I designed the logo of my project, which reflects hope in chaotic financial moments and habits.

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

I don't really have a major roadblock, but the next step would be to start working on the database and the way I will store data. I will have to make a decision regarding relational databases and NoSQL databases.

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

My discussion point is mainly about updating the state of my application for a user. When a user logs in, the data will be refreshed. How do i refresh my data if the user is logged in and he made a transaction?

- **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 next week, I am hoping to have my database ready for use and fully connected to my backend. Also, I am expecting to clean up the codes I have written for the backend.

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](#)

Design of logo: 1 hour
Database implementation: 2 hours
Backend Code Review: 2 hours

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

In total, I have spent 5 hours working on the project this week.

- **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.

Previous weeks: 16 hours

This week: 3 hours

Total Time: $16 + 5 = 21$ hours

At this stage, I feel very confident about my progress, given that I have processed some of the hardest processes that are essential for required features.

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 current 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 (Cumulative) 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)