

2024 CSC493 – Capstone Weekly Reports¹

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Select Report Date: Oct 28, 2024

Part 1: Weekly Progress Report

- **Accomplishments:** What did you accomplish since the last class meeting? (*up to 3 points*)

Since the last class, I implemented the addition, modification, and deletion features of my application. That means that a user can practically add, modify, or delete expenses, buckets, accounts, as well as notifications.

- **Challenges:** What are your current roadblocks? (*up to 3 points*)

My current roadblock is to establish consistency from the frontend all the way to the database. Normally, when an action is triggered in the UI, it is not necessarily sent to the backend. I need to implement API calls that communicate to the frontend and populate changes in my database.

- **Desired Discussion Points:** Do you have any desired discussion points that are not related to roadblocks? (*up to 2 points*)

I would like to have a discussion on Webhooks and Websockets. These are two important protocols that have been used in development for real time updates of data. Also, I want to be more informed about some of the best Middlewares when it comes to connecting the backend to the frontend.

- **Future Goal(s):** 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. (*up to 2 points*)

By the next class, I wish to fully implement the Notification features, which alerts a user on dangers when it comes to excess spending or approaching payment deadlines.

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

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, *outside of class*, spent on your project. If you worked on multiple components, each should get a detailed summary. Make sure to add up all the hours and minutes correctly. *Add as many rows as you need to the table below. Please do not include hours in class as part of this section. (up to 4 points)*

START	FINISH	HOURS	DETAILED SUMMARY
MM/DD HH:MM	MM/DD HH:MM		
10/26 10:00	10/26 12:00	2	Work on establishing the rules for Notification.
10/26 7:00	10:26 11:00	4	Work on the implementation of the Notification feature.
10/27 4:00	10:27 6:00	2	Work on the changes and migrations in the database.
	WEEKLY TOTAL	8	

- Total (Cumulative) 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. *(up to 2 points)*

40 hours + 8 hours = 48 hours.
I am proud of the UI progress I have made since I have incorporated Tailwind as one of the tools for my UI development. At this stage, I need to consistently check for edge cases as well as looking up to see how different the data is from banks to banks using Plaid.

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 (4 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"). 1 Point for totalling the hours correctly.

What happens if your time on a task is interrupted and you don't have a concrete (or discrete) end time? In this case put the start time in, and the word "interrupted" for the end time and include the task total time. Rounding to the nearest 15 minutes is acceptable. *(This makes adding up times easier, especially when you use decimal hours, i.e. 3.75 rather than 3 hours 45 minutes.)*

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)

Resources

Here's a link to this Weekly Report Template – Make a copy and use it:

 [2024 CSC493 Weekly Report v2 TEMPLATE](#)