2024 CSC493 – Capstone Weekly Reports[1]

Your name: <mark>Stevenson Michel</mark>

Week: <mark>Week 2</mark>

Select Report Date: Aug 26, 2024

Part 1: Weekly Progress Report

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

> With my internship ending on August 23, 2024, I was not able to attend the first class. However, I get to sit and think about three core projects that I will be exploring for the sake of my capstone project class. The first one is an efficient and secure expense tracking application that will record expenses in real time. The second project is a web application that shortens content for the consumption of information in a timely manner. The third idea is a web application that generates quizzes using AI based on students' weaknesses.

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

> Hypothetically, a project scope is hard to define in its fullest from the very beginning. In my context, I will have to choose a project that is executable within a span of three months. In that sense, I am still undecided about the length of development that might occur once I made my choice of project.

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

> Yes, I would like to know about a precise way to evaluate the scope of a project. Although I understand the method might not be perfectly accurate, having a set of processes would be appreciated.

- **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.

> My next goal is to use my interaction with my professor to discuss the project while also profoundly researching each idea to arrive at a final choice. That is important given that development accounts for most of the time.

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.

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

> Project ideas brainstorming: 2 hours

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

> Last week, I spent two hours thinking about multiple ideas as well as how they would help me in accomplishing the capstone project class.

- **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.

> The total hours are two hours. I do think that at this stage I have three core ideas, and the next step would be to choose wisely one of them.

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)