

CSC493 – Weekly Reports

Your name: <Said Maalim>

Week: <Week 6>

Part 1: Weekly Progress Report

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

Over the past week, I've made significant strides in the following areas:

React Integration: My continued efforts to understand React have yielded positive results. I've successfully implemented some basic interactive components on the website, which were earlier just theoretical concepts for me.

Advanced Front-End Development: Beyond the initial design alignment, the front-end now boasts more advanced features enhancing overall user interaction. Responsiveness has been improved and initial tests indicate a better user experience.

Back-End Development Initiation: Preliminary steps for back-end integration have begun. I've researched and identified a few tools and methodologies that could be apt for our project, laying the foundation for future work in this domain.

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

React's Advanced Features: While I have integrated basic React features, some advanced functionalities remain a challenge. They need a more in-depth understanding and expertise to ensure flawless user experience.

Back-end Integration: Deciding the exact tools and methodologies for the back-end, while keeping in mind scalability and reliability, presents a challenge.

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

Feedback on Advanced Features: Now that I've moved beyond the basics, feedback on the advanced front-end features implemented would be invaluable.

Finalizing Back-End Tools: Guidance on finalizing the tools and technologies for back-end development is essential, ensuring we select the most efficient and scalable options.

- **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.

In the coming week, my plan is to:

Master Advanced React Features: Dive deeper into React's advanced functionalities and ensure their efficient integration into the website.

Back-End Development Strategy: Formalize the strategy for back-end development and initiate its foundational steps, ensuring timely progress in this area.

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.

This week, I allocated a total of **15 hours** as follows:

React Integration: 6 hours were invested in integrating and refining React components on the website.

Advanced Front-End Development: 7 hours were dedicated to enhancing the website's front-end features and testing their responsiveness.

Back-End Development Planning: 2 hours went into planning, researching, and laying the groundwork for back-end development.

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

15 hours

· **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.

Cumulatively, **55 hours** have been dedicated to the project, including the 15 hours from this week. I'm maintaining a steady pace with the milestones. With the groundwork for both front and back-end in place, the project is poised for more integrated and comprehensive development in the upcoming weeks.

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)