

CSC493 – Weekly Reports

Your name: <Said Maalim>

Week: <Week 7>

Part 1: Weekly Progress Report

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

Over the past week, I have worked on:

Advanced React Integration: I delved deeper into React's advanced functionalities, ensuring their efficient integration and optimization for the website's needs.

Back-End Development Strategy: I've formalized the strategy for back-end development. This includes tool selection, integration points, and a preliminary blueprint for the overall back-end structure. The foundational steps for back-end development have been initiated, marking the beginning of an integrated front and back-end system.

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

Efficient React Optimization: With the advanced features of React now integrated, the challenge lies in optimizing them to function efficiently under different scenarios and user inputs.

Back-End Integration: As I venture into back-end development, I anticipate complexities in integrating it with the existing front-end structure. This will be a focal point in the coming week.

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

Feedback on React Optimization: Now that advanced features are integrated, feedback on their performance and potential improvement areas would be beneficial.

Back-End Tool Efficiency: As I have laid out the foundational steps for back-end development, discussions on ensuring the chosen tools' efficiency and potential alternatives would be insightful.

- **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:

Efficient React Optimization: Work on enhancing the performance of the recently integrated React advanced features, ensuring they operate efficiently and seamlessly.

Begin Back-End Integration: Start the integration of the back-end with the front-end, addressing any complexities that arise and ensuring a smooth user experience.

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.

Over the week, I dedicated a total of **17** hours as follows:

Advanced React Integration: 7 hours were invested in integrating advanced React features and optimizing them for our website.

Back-End Development Strategy: 8 hours were dedicated to formulating a back-end strategy, selecting tools, and initiating foundational steps.

Feedback and Revision: 2 hours were allocated for receiving feedback and making necessary revisions based on insights.

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

17 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, **72 hours** have been dedicated to the project, including the 17 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)