

CSC493 – Weekly Reports

Your name: <Said Maalim>

Week: <Week 8>

Part 1: Weekly Progress Report

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

Over the past week, I have achieved:

Efficient React Optimization: Significant strides were made in enhancing the performance of the integrated React advanced features. Tests have confirmed their efficient and seamless operation under a variety of scenarios.

Initiated Back-End Integration: A successful beginning was made in melding the back-end with the front-end, addressing several integration complexities and ensuring a preliminary smooth user experience.

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

Back-End Integration Complexities: While the initial steps in back-end integration were successful, several challenges and nuances in marrying the front and back-end efficiently persist.

React Performance Tuning: There's always room for improvement. Despite optimization, there are certain scenarios where React features can be fine-tuned further for better performance.

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

Feedback on Integration: An expert opinion on how the front and back-end have been integrated so far and suggestions for improvement would be valuable.

Suggestions for React Performance: I'd like to discuss potential strategies or tools to further optimize the React features for peak performance.

- **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.

For the upcoming week:

Address Back-End Integration Complexities: I aim to tackle and resolve the existing challenges faced during the integration of the front and back-end to ensure a cohesive system.

Further React Optimization: Dedicate time to refining React's performance, making it more responsive and efficient under diverse user interactions.

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 this week, a total of **20 hours** were utilized:

React Optimization: 8 hours went into refining and enhancing the React features for optimized performance.

Back-End Integration: 10 hours were committed to initiating and addressing challenges in the integration of the back-end with the front-end.

Feedback and Iteration: 2 hours were reserved for iterating based on feedback and testing outcomes.

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

20 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, **92 hours** have been dedicated to the project, including the 20 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)