

CSC493 – Weekly Reports

Your name: <Said Maalim>

Week: <Week 10>

Part 1: Weekly Progress Report

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

This week, I successfully tackled significant integration issues and enhanced the efficiency of our application's system interactions. The main achievements include:

Resolving complex challenges in the back-end integration which involved creating more efficient pathways for data exchange between the front-end and back-end of our application.

Implementing updates to ensure smoother data synchronization, thus improving the overall stability and reliability of our system operations.

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

While progress has been substantial, some challenges that need to be addressed include:

Ensuring the website's infrastructure is primed for the inclusion of an extensive Alumni database.

Streamlining the handling and display of dynamic data for alumni, which is crucial for maintaining an engaging and informative experience.

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

For the upcoming discussions, I aim to focus on:

Back-end Integration: Further refining our back-end integration strategies to support the extensive Alumni database we plan to implement.

Alumni Database Development: Discussing the roadmap for the Alumni database to ensure it is comprehensive, up-to-date, and ready for integration.

- **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, my plans include:

Finalizing Back-End Integration: To ensure that the application's back-end is fully capable of handling the upcoming integration of the Alumni database.

Alumni Database Preparation: To have the Alumni database structured and populated with dynamic data, I will be reaching out to the Alumni Center for the necessary data sets and collaborations.

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's 20 hours were allocated as follows:

Back-End Connectivity Enhancements: 9 hours were spent in improving the efficiency and reliability of back-end to front-end communications.

Data Synchronization Improvements: 7 hours went into updating our system to better manage dynamic data updates.

Strategy and Planning: 4 hours were dedicated to planning the integration of the Alumni database and preparing for next week's objectives.

- **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, **132 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)