CSC493 – Weekly Reports

Your name: <mark><Said Maalim></mark>

Week: <mark><Week 11></mark>

Part 1: Weekly Progress Report

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

This week marked the successful culmination of efforts to fortify the application's back-end for the impending integration of the Alumni database. Achievements include:

Meticulously finalized the back-end integration, ensuring seamless compatibility with the Alumni database's forthcoming inclusion.

Launched the initiation of collaboration with the Alumni Center to acquire essential data sets, paving the way for the structured preparation and population of the Alumni database with dynamic information.

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

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

Further refining the website's infrastructure to seamlessly accommodate the upcoming integration of the Alumni database.

Ensuring the optimal functioning of the website architecture to support the expanded data load.

Fine-tuning the handling of dynamic data to elevate the user experience to a more engaging and interactive level.

·   **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:

Further optimization of back-end integration strategies.

Comprehensive planning for the development phases of the Alumni database.

·   **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.

Before our next meeting, my goals are to:

Deepen discussions with the Alumni Center to ensure the gathering of comprehensive data sets.

Initiate the structured preparation and population of the Alumni database to guarantee its readiness for seamless integration.

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: 8 hours.

Data Synchronization Improvements: 6 hours.

Strategy and Planning: 4 hours.

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

18 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, **150 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)