CSC493 – Weekly Reports

Your name: <Jarine Fietsop>

Week: <10>

# Part 1: Weekly Progress Report

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

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| This week was dedicated to connecting MongoDB to the server. I started by installing MongoDB and setting up the server. After creating the database, I wrote code in Node.js using the Mongoose library to establish a connection between the server and the database. I also created schemas for different data types that will be stored in the database |

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

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| The initial challenge was understanding the MongoDB documentation and its terminologies. There were also some connection issues due to network problems which took some time to troubleshoot. |

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

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| It would be beneficial to discuss the best practices for securing the database connection and managing data effectively. Also, understanding how to structure the database for efficient data retrieval would be helpful. |

* **Future Goal**: What do you plan to accomplish before our next class meeting? These plans should be related to roadblocks or discussion points. It you plan to change direction, explain why.

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| The next step is to set up and test the payment system. This will involve integrating a payment gateway like Stripe or PayPal and ensuring that transactions are processed securely |

# 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.

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| 8 hours was spent doing this assignment.  4 hours was spent in research |

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

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| About 15 hours in total was spent doing this assignment |

* **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.

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| I am on track so far, but I am still thinking of what project that I will do. |

# 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)