

# CSC493 – Weekly Reports

Your name: Joy Mirembe

Week: Four

## Part 1: Weekly Progress Report

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

Since our last class meeting, I have made significant progress in understanding the integration of backend and frontend technologies. I spent time watching YouTube tutorials that provided a comprehensive overview of this subject. One YouTuber, in particular, was instrumental in helping me understand the history and origin of JavaScript and Node.js.

In addition to gaining theoretical knowledge, I also took practical steps to familiarize myself with these technologies. I successfully downloaded Node.js and Chocolatey, a Node.js npm (package manager). This hands-on experience has given me a deeper understanding of how these tools work and how they can be used in development.

Furthermore, I learned about the differences between VS Code and VS Community. This knowledge will be beneficial in choosing the right tool for my future projects.

Overall, I feel that I have accomplished a lot since our last meeting. The knowledge and skills I have gained will undoubtedly be valuable in my development of this project.

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

My current roadblock is learning Node.js, which is a new programming language for me. As with any new skill, there are challenges and complexities that can sometimes feel overwhelming. However, I have taken this as an opportunity to learn and grow. The process of learning Node.js has been exciting and has opened up a new world of possibilities for me in the realm of backend development. Despite the difficulties, I am committed to overcoming this roadblock and becoming proficient in Node.js.

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

Firstly, I would like to discuss how to change the file path in Visual Studio Code. Secondly, I would like to talk about correcting how I should store my work on GitHub.

- **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 class meeting, I plan to continue my learning journey with Node.js. My primary focus will be on understanding its core concepts and functionalities, which will help me overcome the current roadblock I'm facing with this new programming language.

In addition, I plan to get started with downloading the different modules and libraries needed for my project. This is a crucial step in setting up the development environment and will enable me to start building the project effectively.

By addressing these areas, I hope to enhance my coding skills and become more skilled at using these tools. I believe that with consistent practice and study, I can become proficient in Node.js and successfully implement it in my project.

## 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.

I have spent a total of 6 hours working on my project. Here's a detailed breakdown of how I utilized this time:

- **Learning Node.js:** I dedicated 2 hours to learning Node.js. This involved watching YouTube tutorials and reading documentation to understand the core concepts and functionalities of this new programming language.
- **Setting up the development environment:** I spent 1 hour downloading and installing Node.js, Chocolatey, and other necessary modules and libraries for my project.
- **Understanding VS Code and GitHub:** I used 1.5 hours to learn about changing the path in VS Code and correcting mistakes on GitHub. This involved researching these topics and applying the solutions in a practical setting.
- **Planning for the next steps:** The remaining 1.5 hours were spent planning my next steps, which include delving deeper into Node.js and starting to build my project.

Each of these components played a crucial role in my progress, and I believe that the time spent on each was necessary for my overall understanding and advancement in the project.

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

6 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.

15 hours- I'm currently on track.

## 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)