

2024 CSC493 – Capstone Weekly Reports¹

Your name: Finn Bledsoe

Week: Week 2

Select Report Date: Aug 1, 2024

Part 1: Weekly Progress Report

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

- Created basic README
- Met with Professor Wilborne to get project approval
- Updated README with Scope and Vision
- Created requirements.md file and populated with ~10 functional and non-functional requirements
- Created a React Native project and set it up to run in an IOS simulator and on my phone
- Created on UI design on Figma and designed login, sign up, and home pages
- Talked out project idea with multiple family members, friends, etc, pivoted
- Created a [technical design document](#) (TDD) with the full scope of this project

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

My current roadblocks are completely fleshing out my implementation details before starting actually coding. This is a very complex project so I need to make sure everything design focused is hammered out first.

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

I would like to discuss and clarify the expectations for our final implementations. I intend to have mine in a working state, but not one in such a state that any random person could come use it. Is that okay?

- **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.

- I hope to have my UI design completed.
- I want to have all of my functional and non-functional requirements mapped out.
- I want to have completed the first draft of my TDD.
- I want to have written out my system design and architecture.
- I want to be more familiar with the inner workings of React Native. I already have experience with React for websites, but it seems a little more nuanced when it comes to mobile development.

¹ Detailed Weekly Report requirements can be found here: [2024 URCPP Capstone - Using Agile and Reporting Out](#)

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.

- Creating basic README: .5 hours
- Meeting with Professor Wilborne to get project approval: .25 hours
- Updating README with Scope and Vision: .25 hours
- Creating requirements.md file and populating with functional and non-functional requirements: 2.5 hours
- Creating a React Native project and setting it up to run in an IOS simulator and on my phone: .5 hours.
- Creating UI design on Figma: 1.5 hours
- Talking out project idea with family members, friends, etc: 1 hour
- Working on Technical Design Document: 1 hour
- Working on Weekly report: 30 minutes

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

8 hours total.

- **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.

I am well on track. I am trying to work through most of the README and milestone components first so that I can get all of the details and designs out of the way and then strictly focus on coding.

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)