

# 2024 CSC493 – Capstone Weekly Reports<sup>1</sup>

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Select Report Date: Oct 16, 2025

## Part 1: Weekly Progress Report

- **Accomplishments:** What did you accomplish since the last class meeting? (*up to 3 points*)

Honestly, not much hands-on work this week. I met with Ed and we talked through what the capstone will need to stay maintained going forward, like who would own it, how updates would get handled, and how we will keep the data clean. We also discussed a new idea to add scan in and scan out for inventory items using the existing labels. We did not build anything yet, but we agreed the feature would likely need to record the item, the user, the time, the quantity, and the location, and I noted this as a next step for my backlog.

- **Challenges:** What are your current roadblocks? (*up to 3 points*)

My main roadblock right now is locking the requirements for the new scan in and scan out feature that Ed and I discussed. I need decisions on who is allowed to scan, how quantity edits and mistakes are handled, what happens if the device is offline or the QR is unreadable, and exactly where each transaction should write in the system. I also need clarity on the maintenance plan items we talked about, such as ownership, backup process, and request triage, because those choices affect what I include in the admin screens and logs. Finally, my time this week was tight with other classes and work, so progress was mostly discussion and notes rather than code, and I need scheduled blocks with Ed and the help desk to finalize these decisions and move into implementation.

- **Desired Discussion Points:** Do you have any desired discussion points that are not related to roadblocks? (*up to 2 points*)

I want to discuss the process for keeping this capstone running after I leave: who will own it day to day, how requests will come in and be handled, where the code and docs will live, and what basic maintenance cadence we'll follow. I'm looking for agreement on that overall process so I can align my remaining work.

- **Future Goal(s):** 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. (*up to 2 points*)

I will dig into the scan in and scan out process, map the simple flow, confirm who can scan, and list the fields I need item, user, time, quantity, location, then prep a small test using one device. I will also get the basics on handoff after I leave, focusing on who owns it, where the code and docs live, and how requests will come in. No change in direction, I am turning our discussion into concrete next steps.

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<sup>1</sup> Detailed Weekly Report requirements can be found here: [Ispentscan-in,,a](#)

## 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, *outside of class*, spent on your project. If you worked on multiple components, each should get a detailed summary. Make sure to add up all the hours and minutes correctly. *Add as many rows as you need to the table below. Please do not include hours in class as part of this section. (up to 4 points)*

START	FINISH	HOURS	DETAILED SUMMARY
10/16 10:35	10/16 11:50	1	Fixed loading issue by having the SNMP polling portion load into the site and then update after the site is fully loaded so that way the page is not waiting on the SNMP poll to show the site.
10/17 2:43	10/17 5:10	2.5	Spent 1 hour discussing new idea of adding a scan in and out option so that anyone can remove items and there is a tracking method for the materials. Spent 45 minutes discussing storage method and what would need to be ordered to keep it professional and sustainable. I then Spent 45 minutes planning out the workflow of the scan in and out process and how to keep it updated and also discussed some small details of how to handle handoff after i graduate.
	WEEKLY TOTAL	3.5	

- Total (Cumulative) 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. *(up to 2 points)*

I am currently at 83.5 hours, and I think i am currently on track or a little behind because I want to go into testing in November but this is due to how busy i was this weekend and was unable to make time to work on it much this week but I do think everything i want to add is still very possible within the time frame.

## 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 current 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 (4 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"). 1 Point for totalling the hours correctly.

What happens if your time on a task is interrupted and you don't have a concrete (or discrete) end time? In this case put the start time in, and the word "interrupted" for the end time and include the task total time. Rounding to the nearest 15 minutes is acceptable. *(This makes adding up times easier, especially when you use decimal hours, i.e. 3.75 rather than 3 hours 45 minutes.)*

### Total (Cumulative) 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)

## Resources

Here's a link to this Weekly Report Template – Make a copy and use it:

 [2024 CSC493 Weekly Report v2 TEMPLATE](#)