Individual Weekly Report for Ayush Mehta

AI Powered Cooking Assistant Web App

June 30, 2025

# Accomplishments

* Made a project proposal for my capstone project.
* Learned about the CSS 497 class and its requirements.
* Started learning React.

# Weekly Activities

| Activity / Task / Work | Hours | Status |
| --- | --- | --- |
| Reading through canvas pages to understand class requirements and assignments | 2 | Complete |
| Class time | 5 | Complete |
| Researching about the tech stack | 2 | Complete |
| Exploring resources like LinkedIn Learning, Pluralsight and YouTube to find good resources to learn React and Flask | 3 | Complete |
| Learning React on Scrimba.com, setting up the local environment for React and do challenges locally from Scrimba | 6 | In progress |
| Working on status report | 1 | Complete |
| Research about Google Cloud Vision API | 1 | In progress |
| **Weekly Total** | **20** |  |
| Previous Weekly Cumulative Total (Carry Over) | 0 |
| **Current Cumulative Total** | **20** |

# Plans for Next Week

| Activity / Task / Work | Est Hours |
| --- | --- |
| Keep working on learning React on Scrimba | 12 |
| Work on design specification draft | 5 |
| Schedule time with instructor and librarian | 1 |
| Learn how to set up Flask locally | 2 |

# Response to Feedback

I received one feedback from a classmate regarding using google API for image recognition for recipes ingredients. I looked it up and it has 1000 free API requests per month. I will be using this API to get information about the ingredients from the image for my web app.

# Other Reflections

* Learned the basics of React. I was able to run the React locally and make the simplest web page for practice.
* I learned a little about Google Cloud Vision but still need to do more research and try it out in code.

# Comments, Issues, Notes, Anything Else?

No comments or issues as of now. The first week was very informative for me.

# Evidence of Work

Scrimba – learning React.

Below shows the screenshot of my progress that I have made so far on scrimba website for learning React language. I am following the videos on the website but writing the code locally.

A screenshot of a computer

AI-generated content may be incorrect.

Below is the screenshot of my work that I am doing locally by following Scrimba website  
A screenshot of a computer

AI-generated content may be incorrect.

Explored React courses on other platforms like LinkedIn Learning  
A screenshot of a computer

AI-generated content may be incorrect.

# Interaction Report

Interaction Type: Peer

Interaction Date: June 23rd, 2025

Attendees: Classmates

## Summary of Interaction

During this interaction session, I participated in a “speed-dating” style class exercise where I engaged with several classmates to share and learn about each other’s project ideas. This format served as an effective icebreaker and networking opportunity.

Two project ideas that I liked were:

* A web app to convert handwritten notes into digital text.
* A 2D education game built using the Unity engine to help users learn English in a fun and interactive way.

I also presented my project, which enables users to receive personalized recipe suggestions by uploading an image of their fridge or entering available ingredients. I received positive feedback from classmates who found the idea useful.

## Action Items

* Explore additional features and use cases for the project around usability and user experience.
* Stay in touch with classmates for feedback exchanges.

## Reflection on the Interaction

This interaction was highly valuable for both validating my current project direction and new ideas. The positive feedback confirmed the usefulness of my solution, motivating me to continue refining it.