Individual Weekly Report for Ayush Mehta

AI Powered Cooking Assistant Web App

July 7, 2025

# Accomplishments

* Had my first instructor meeting
* Finished the design spec draft
* Learned about the React maps, reusable components and how to pass parameters/data to functions and render them.

# Weekly Activities

| Activity / Task / Work | Hours | Status |
| --- | --- | --- |
| Continue learning React through Scrimba.com. Finished the data-driver component and learned about the props, reusable components and how to array through data. | 10 | In progress |
| Class time | 2.5 | Complete |
| * Worked on design spec draft 1 * Worked on visual of data flow diagram * Found the expert | 5 | Complete |
| Worked on status report 2 | 1 | Complete |
| Instructor meeting | 0.5 | Complete |
| Fixed the weekly status report 1 as per instructor comments | 0.5 | Complete |
| Started working on slide show 1 | 0.5 | In progress |
| **Weekly Total** | **20** |  |
| Previous Weekly Cumulative Total (Carry Over) | 20 |
| **Current Cumulative Total** | **40** |

# Plans for Next Week

| Activity / Task / Work | Est Hours |
| --- | --- |
| Finish and present slide show 1 | 2 |
| Continue learning React on Scrimba.com | 10 |
| Learn basics of Flask framework and set it up locally | 4 |
| Fix design spec as per instructor feedback on draft 1 | 2 |

# Response to Feedback

I received some helpful advice from the instructor on what topics to discuss with an expert or librarian.

Topics to discuss with an expert:

* My design spec
* How can I test the API’s I am planning to use
* The architecture of my application

Topics to discuss with librarian:

* Research on what has already been done related to my project like websites or an app.
* Strategies for testing my application
* Learning how to search properly

# Other Reflections

This week I had to redo my weekly status report 1. I learned some mistakes I made like not using proper capitalization of the words, and not using the macros for writing meeting reports. Moving forward, I will be more mindful of these details to avoid repeating the same errors.

While studying about React, I learned about props which are basically parameters passed to a component. I learned that parameters in React is bit different than OOP languages like Java, Python or C. In React, we don’t need to explicitly initialize parameters; instead, we can directly access them inside the function as long as we know what was passed in. This approach makes components more flexible and reusable.

# Comments, Issues, Notes, Anything Else?

No comments or issues as of now.

# Evidence of Work

Below is the screenshot of React code that I have written following Scrimba.com. This shows the learning of props and how to process data smoothly by reusing the components.  
A screenshot of a computer

AI-generated content may be incorrect.

Below is the output of the above code  
A screenshot of a computer

AI-generated content may be incorrect.

# Interaction Report

Interaction Type: Instructor

Interaction Date: July 3rd, 2025

Attendees: Dawn-Marie Oliver, Ayush Mehta

## Summary of Interaction

This was our first instructor meeting where I talked about my project and the progress I have made so far. We reviewed the data flow diagram from my design spec and identified helpful topics to explore with both an expert and a librarian. I received feedback about how the expert can help me review my design spec, give advice on how to test API’s and guide me on structuring the architecture of my application. I also received feedback on how the librarian can help me do research related to my project and help me find sources to learn about strategies on testing the application.

## Action Items

* Meeting with the expert the discuss the following topics:
  + My design spec
  + API testing
  + How to structure the architecture of the application
* Meet with the librarian and discuss the following topics:
  + How to research on what has already been done related to my project.
  + Find sources to learn about the application testing strategies.

## Reflection on the Interaction

After the instructor meeting, I have a clearer understanding of how to effectively utilize the help of an expert and which topics to focus on to support the success of my project. Reviewing the data flow diagram with the instructor also helped reinforce my confidence in the overall vision and direction of the project.