Individual Weekly Report for Ayush Mehta

AI Powered Cooking Assistant Web App

August 4, 2025

# Accomplishments

* Integrated third API in backend for validating and autocompleting food ingredients.
* Worked on the frontend part of validating food and autocompletion.

# Weekly Activities

| Activity / Task / Work | Hours | Status |
| --- | --- | --- |
| Worked on weekly report 6 | 1 | Complete |
| Work on project:   * Tested two different API’s for validating food * Integrated Openfactsfood API for validation and autocompletion   Improved the frontend for better user experience with wrong food ingredients and autocompletion list as user types in ingredients. | 18 | In progress |
| Finished on the career assignments – create budget for salary requirements | 1 | Complete |
| **Weekly Total** | **20** |  |
| Previous Weekly Cumulative Total (Carry Over) | 106 |
| **Current Cumulative Total** | **126** |

# Plans for Next Week

| Activity / Task / Work | Est Hours |
| --- | --- |
| Meet with professor | 0.5 |
| Start learning about Google database Integrate the database into the application Learn how does the authentication work in Flask | 15 |
| Work on 1 career assignment | 1 |
| Work on slide show 3 and present it to the class | 2 |

# Response to Feedback

No feedback received or given this week.

# Other Reflections

This week was very productive. I completed everything I had planned. I found a helpful API called OpenFoodFacts, which offers many features. I am using it to check if ingredients are valid and to suggest autocompleting options as the user types in ingredients. Next, I plan to integrate a Google database, learn how to create tables, and add user authentication to my app.

# Comments, Issues, Notes, Anything Else?

No comments or issues as of now.

# Evidence of Work

Below is the screenshot of the autocompletion and wrong input feature.  
  
A screenshot of a chat

AI-generated content may be incorrect.

A screenshot of a chat

AI-generated content may be incorrect.

Below is the screenshot of the code for above features.

A screenshot of a computer

AI-generated content may be incorrect.

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