Individual Weekly Report for Abhi Kota

Joule

August 23, 2025

# Accomplishments

* Finished peer reviews for posters, presentations, and portfolios
* Finished minor UI bug fixes
* Finished working more on the final portfolio
* Finished adding a progress bar to the onboarding
* Finished cleaning up layout
* Went over code to make some minor changes to make organization easier
* Had a code review and meeting with expert
* Had a stakeholder meeting
* Read up more of “The Swift Programming Language”
* Studied more of “Hacking with Swift”

# Weekly Activities

| Activity / Task / Work | Hours | Status |
| --- | --- | --- |
| Peer review for posters, presentations, and portfolios | 2 | Complete |
| Minor UI Bug Fixes | 1 | Complete |
| Progress bar for onboarding | 4 | In progress |
| Layout cleanup and code organization | 1 | Complete |
| Stakeholder meeting | 0.5 | Complete |
| Expert Meeting #1 and #2 | 1 | Complete |
| Reading “The Swift Programming Language” | 4 | In progress |
| Studied more of “Hacking with Swift” | 6 | In progress |
| Researching Apple’s SwiftUI documentation | 4 | In progress |
| Attended In person class | 2 | Complete |
| Attended Colloquium presentation | 1 | Complete |
| **Weekly Total** | **26.5** |  |
| Previous Weekly Cumulative Total (Carry Over) | 162 |
| **Current Cumulative Total** | **188.5** |

# Plans for Next Week

| Activity / Task / Work | Est Hours |
| --- | --- |
| Plan out schedule for next 4 weeks for summer | 1 |
| Develop prototype for UI elements in Figma | 6 |
| Continue more of “The Swift Programming Language” | 8 |
| Continue studying more of “Hacking With SwiftUI” | 6 |

# Response to Feedback

Feedback: Focus on basic features such as net carb, fiber, and water tracking

Response: Great idea! I will be implementing it once I get started on the tracking feature

Feedback: Focus on ease of use, such as using number keyboard for number inputs

Response: Great idea! I will be keeping this in mind when I come across a feature that makes use of numbers only

# Other Reflections

After spending this summer quarter experimenting with getting started with a project, I think that I am much more ready headed into this winter quarter with a clear and better plan on how to prioritize features better and a better understanding of iOS and SwiftUI.

# Comments, Issues, Notes, Anything Else?

Thank you for a great quarter!

# Evidence of Work Hacking With Swift #1 A screenshot of a computer Description automatically generated Hacking With Swift #2 A screenshot of a computer Description automatically generated

# Hacking With Swift #3 A screenshot of a computer Description automatically generated

Xcode code reorganization screenshots #1, #2 and #3

A screen shot of a computer program

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SwiftUI documentation researchA screenshot of a computer program

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Description automatically generated  
App Icon with launch screen  
A black and white logo

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Minor UI bug fixes  
A screenshot of a phone

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Progress bar implementation  
A screenshot of a cell phone

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# Interaction Report

Interaction Type: Expert

Interaction Date: 08/21/2025

Attendees: Srinivas Kota, Abhi Kota

## Summary of Interaction

We discussed my design spec, looked over features that I had planned and showed a demo of the app I had built so far. I also asked him to critique my schedule as he has experience as a project manager

## Action Items

* I readjusted my schedule a bit to fit based on the feedback I got
* I realized some features were dependent on other features, so I reprioritized the features

## Reflection on the Interaction

I learnt some general tips such as to track dependencies, make components reusable, add detailed comments to look back and understand my own thought process. My project has changed in response to this meeting to accommodate for a stronger foundation and focus on features that can be built upon the foundation later.

# Interaction Report

Interaction Type: Code review

Interaction Date: 08/21/2025

Attendees: Srinivas Kota, Abhi Kota

## Summary of Interaction

For the code review, we went over the way I divided up functionality and components that made up the screen. We also went over the type of frameworks being used and how to document the code better.

## Action Items

* Rearrange code to improve readability
* Fix minor UI bugs
* Add better documentation

## Reflection on the Interaction

This interaction helped me to understand how to organize my code, gave me insight to common industry practices, proper documentation practices and code maintenance. Decisions I’ve made in response is to organize my code better from now on and document properly as I go.

# Interaction Report

Interaction Type: Stakeholder

Interaction Date: 08/20/2025

Attendees: Abhi Kota, Prerana Kota

## Summary of Interaction

I showed the stakeholder the demo of the application and had them run through the demo themselves. Feedback I got is that the app has a solid UI to being with. However, the flow of UI is a bit janky as there’s too many steps on one screen. Feedback I also got was the Icon can be made more related to food as currently it being the chemical structure of a protein element is too vague and confusing.

## Action Items

* Think of a better app icon idea
* Refine the flow of the onboaring process
* Think of how to reduce convolution of UI elements on one screen

## Reflection on the Interaction

This interaction helped me weed out some early problems that I have with maintain a good flow with the user experience.