

Project Summary

csci205_final_project

Project Details

Members

- Amanda Agambire
- Caroline Sheridan
- Dong Hyun Roh
- Donovan Coleman
- Grace Lukan

Project Retrospective

What was your initial goal?

To create a cardio workout app, that would include a calorie calculator, a chatbot, a calendar and a graph to show progress while also creating a login user feature to have all the data being saved.

What did you achieve?

A good like 80 percent of our idea. The chart that we have created does not use the actual users progress but it is a demo of what it would have looked like if we had the line chart working with the users information and data connecting.

What went well in the project?

The group dynamic and also having everyone work on a specific section of the app, and being everything together at the end.

What could be improved?

design work and adding in more advanced features like a chatgpt to ask questions, the graph working better user information .

What would you change if you did the project again?

With more time we would change nothing but instead add to the project and work that we have so far. when we started we could have assigned people what to work on better in the beginning rather than the week after when people created the idea they had for the app.

Charts

Health Bar

Project Health

csci205_final_project (As of: 12-5-2023)
Includes backlog

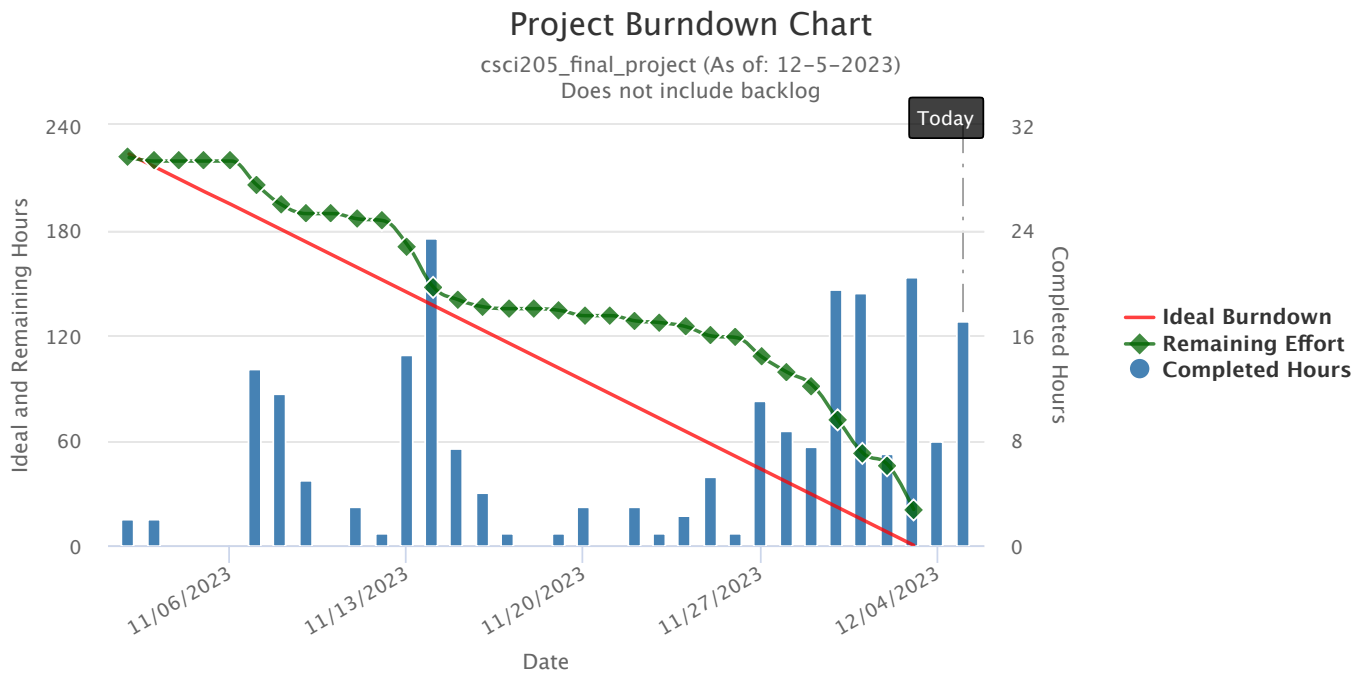


● Unstarted (0h) ● Started - Remaining (0h) ● Spent (223.35h)

Highcharts.com

We have completed the work. We had so much time but so little at the same time to finish everything but we were still able to create a project that the group had great ideas on and also being out the ideas and thought into this project.

Burndown Chart

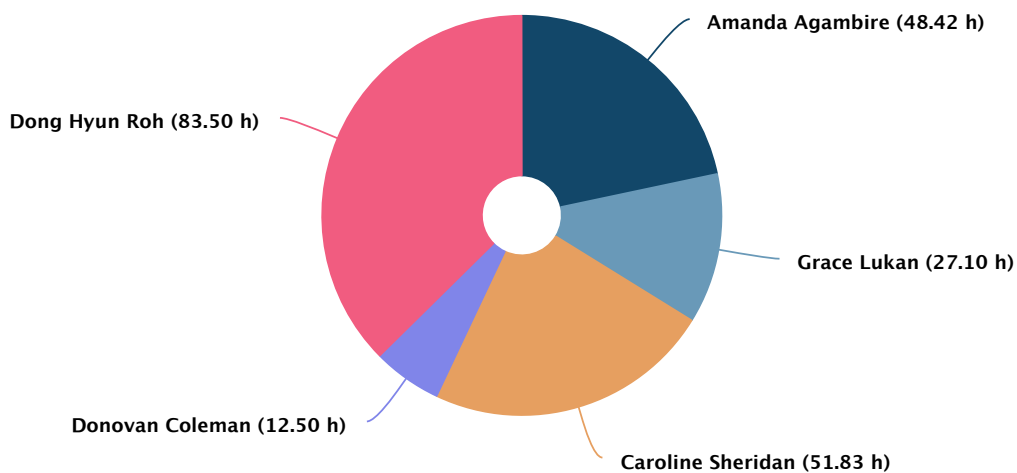


we definitely worked a lot more then the ideal burndown which show good progress off how much time we really put into this project. And you can see the drastic growth and improvement during the 2- 3 week and during the wrap up week of sprint 4 .

Assignee Chart

Project Hours assigned vs. completed

csci205_final_project (As of: 12-5-2023)
Does not include backlog



Highcharts.com and Lily Romano

It show the level of work the person was assigned but also having everyone still being able to work on something and completing their assigned time shows that the team communication level but also the commitment level in which we all place our time towards.

Name	User Stories	Bugs	Tech. Tasks	Design Tasks	Spikes	Doc.
Amanda Agambire	19.08	1	19.83	1.5	0	7
Caroline Sheridan	17	0	15.08	6.5	9	4.25
Dong Hyun Roh	14	1	51	4.5	0	13
Donovan Coleman	10	0	1.5	1	0	0
Grace Lukan	9	0	9.1	1.5	0	7.5

Sprints

Sprint 1

Dates: 11-2-2023 to 11-9-2023

Review: **What went well in the sprint?**

We had a successful meeting and great communication.

What could be improved?

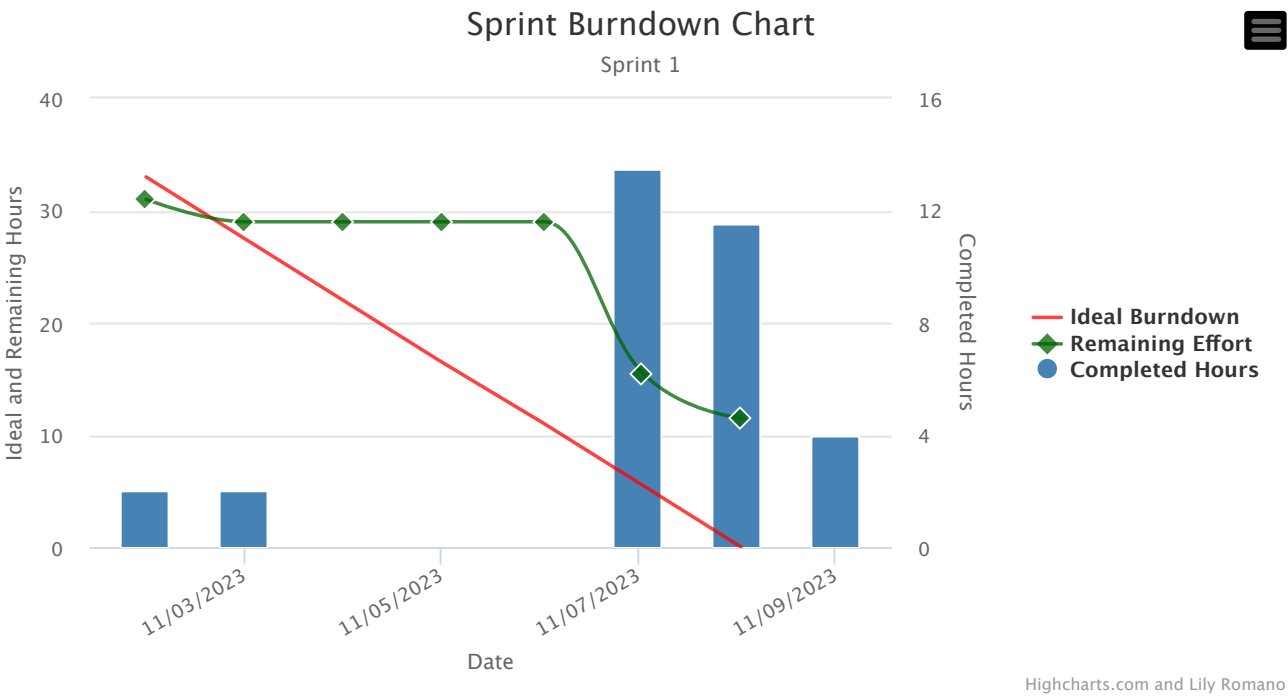
We can time management and when to start the project

Are you on track? What is your plan if not?

Semi on track because we haven't started coding we spent a lot of time planning

What will you improve on in the next sprint?

Actually implementing the design.



Sprint 2

Dates:11-10-2023 to 11-15-2023

Goal:Starting and being at least a quarter done

Review: What went well in the sprint?

we got a lot more of our foundation of coding done, better than last week, and we had assigned different task to different people and had a clear idea of what we are doing, we are just waiting to merge everything to main.

What could be improved?

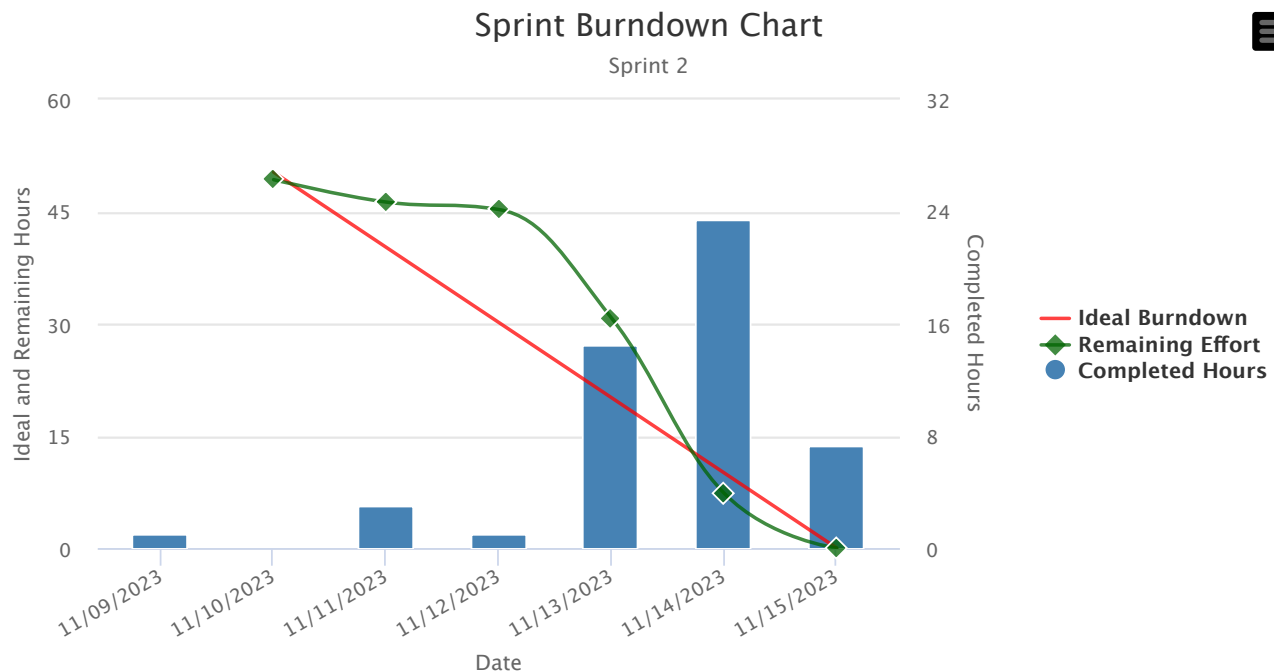
We can improve on more communication, although we improved now but in the beginning it was hard. We need to improve on consistency for log in's for our work and the amount of time that we put into it.

Are you on track? What is your plan if not?

yes we are on track.

What will you improve on in the next sprint?

Working on our java fx. Merging our code. Implementing our java docs, and creating test cases.

**Sprint 3**

Dates: 11-16-2023 to 11-27-2023

Goal: Hopefully we are able to create the basic GUI's that allow the user to interact with the app. Making Sure our UML aligns with our code.

Review: **What went well in the sprint?**
Better communication, working on the project in depth.

What could be improved?

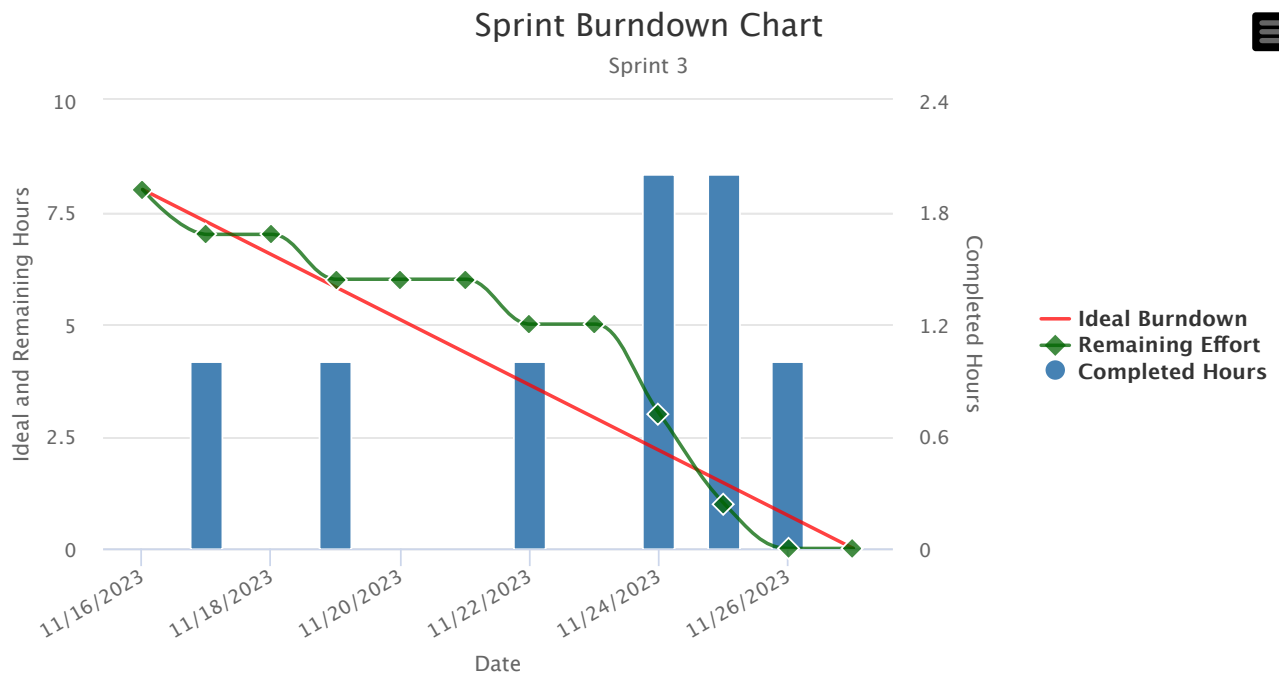
Time management and working on our merging and tracking out hours .

Are you on track? What is your plan if not?

Yes

What will you improve on in the next sprint?

Finishing the project to the best of our ability.



Sprint 4

Dates: 11-27-2023 to 12-4-2023

Goal: Finishing our project

Review: What went well in the sprint?

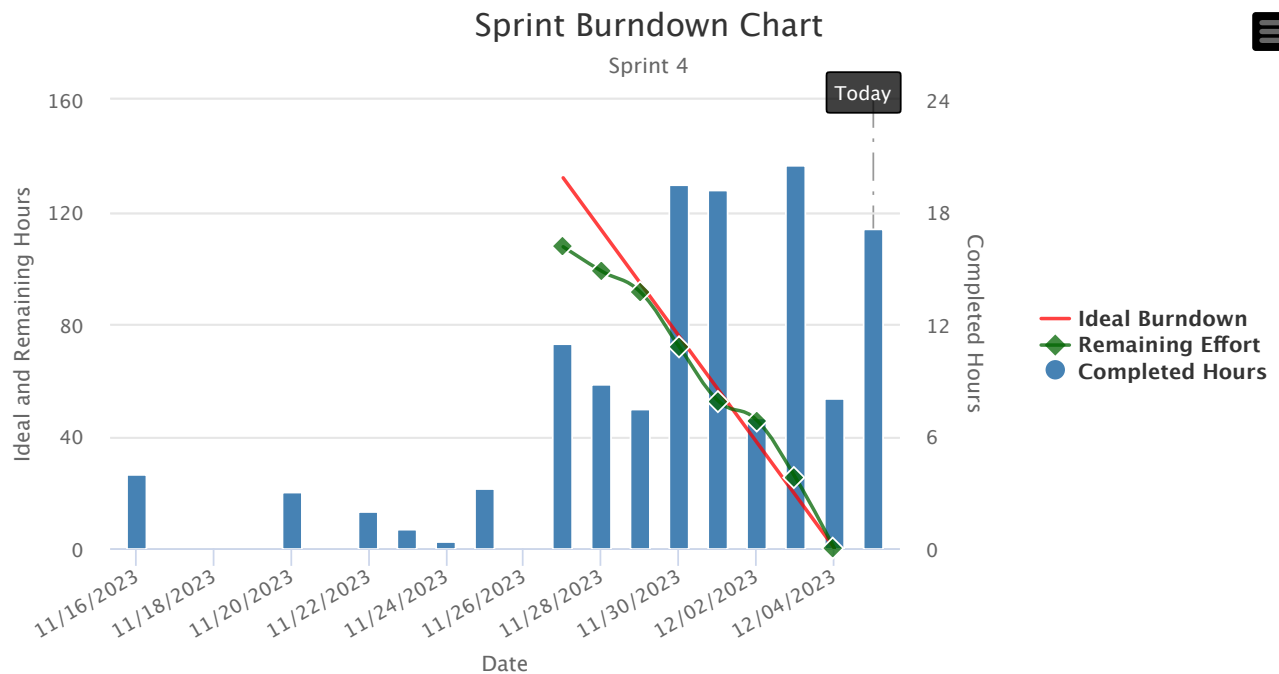
Sprint we made progress and being able to bring everything in terms of the project and keeping everyone on board and organized very well.

What could be improved?

logging in our time could have been an improvement .

If you were to continue the project, what would you improve on in the next sprint?

N/a



Personas



Elli Jutila

Quote

"I want to be able to track my workouts and my progress to show the power of consistency and the benefits of working out!"

Narrative

Elli is a fitness influencer who emphasizes the importance of consistent exercise for a healthy lifestyle. She is looking for an app to track workouts and progress to prove to her followers that consistency is key!

Amelia Nicolas

Quote

"I was able to help my client reach their goal using the fitness app"

Narrative

I am a gym trainer and I have clients who want to loose weight and get their dream body. I started using the fitness app, and it calculate the calories that helps my client stay consistent and on track with they weight.



Heidelinde Gerke

Quote

I am just interested to see how much calories I burned by running today.

Narrative

Heidelinde Gerke wants to calculate how much calories she burned during her workout. Since her main interest is not keeping track of all of her past workouts, she does not have to create an account to use calendar feature but proceed as a guest to just use the calories burned calculator provided by the app



Chloe Patel

Quote

Waking up every morning at 5 am to start my day with a 5 mile run make me extremely motivated to take on my day.

Narrative

As a a marathon runner, Chloe loves going on quick runs in the morning and would love an app that helps her track her daily runs a and the progress she makes each day.

Table of Work

Showing 1 to 50 of 50 entries

Search:

Title	Type	Est.	Spent
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Closed (50)		223 h, 21 m	0
Sprint 1 (8)		33 h	0
Create Basic User interface	Technical Task	0	0
Create User Personas	Design Need	2 h	2 h
Creating layout for project	Design Need	3 h	3 h
Creating UML Diagrams	Design Need	5 h, 30 m	5 h, 30 m
Refining project proposal	Documentation	7 h, 30 m	7 h, 30 m
Research Fitness Apps and Code	Spike	3 h	3 h
Research/explore JavaFX and Scene Builder	Spike	6 h	6 h
Setup IntelliJ	Technical Task	6 h	6 h
Sprint 2 (14)		50 h, 16 m	50 h, 16 m
Adjusting UML	Documentation	40 m	40 m
Coding Workout Logic	Technical Task	4 h	4 h
Create CRC cards	Design Need	0	0
Create MVP	User Story	10 h	10 h
creating calendar	Technical Task	3 h	3 h
Creating Calorie Calculator	Technical Task	10 h, 36 m	10 h, 36 m
Creating Chat	Technical Task	1 h	1 h
creating Data base for user information	Technical Task	30 m	30 m
Creating fitnessappmvc	Technical Task	5 h	5 h
Creating Log in page	Technical Task	3 h	3 h
Creating SerializationUtil Class	Technical Task	4 h	4 h
creating sign up page	Technical Task	2 h	2 h
creating summary window	Technical Task	5 h, 30 m	5 h, 30 m
Creating UserInformation class	Technical Task	1 h	1 h
Sprint 3 (5)		8 h	0

Add javadoc to classes	Documentation	0	0
Create chat GPT personal trainer	User Story	0	0
Create GUI for calendar	User Story	7 h	7 h
Make log in associated with user information (sex, weight)	Technical Task	1 h	1 h
Merge to main	Technical Task	0	0
Sprint 4 (23)		132 h, 5 m	132 h, 5 m
Add javadoc to classes	Documentation	12 h, 35 m	12 h, 35 m
Create chat GPT personal trainer	User Story	10 h	10 h
Create CRC cards	Design Need	1 h	1 h
Create GUI for activity tracker	User Story	12 h	12 h
Create GUI for calendar	User Story	6 h	6 h
Create model and controller for calendar	Technical Task	10 h, 10 m	10 h, 10 m
Creating Design Manual	Documentation	7 h, 30 m	7 h, 30 m
Creating Readme.md	Documentation	2 h	2 h
Creating User Manual	User Story	13 h	13 h
Debugging error	Bug	2 h	2 h
Deconstructing Line Chart Class into MVC format	Technical Task	2 h, 10 m	2 h, 10 m
Discussing about documentation and project with Lily	Documentation	1 h	1 h
Exploring SceneBuilder and fxml	Technical Task	3 h	3 h
Handle exceptions	Technical Task	35 m	35 m
Integrating all the features and improving codes	Technical Task	21 h	21 h
Make log in associated with user information (sex, weight)	Technical Task	3 h	3 h
Merge to main	Technical Task	5 h	5 h
UML and CRC finalize and add to IntelliJ	Documentation	30 m	30 m
Update CRC cards	Design Need	1 h	1 h

Update UML	Design Need	2 h, 30 m	2 h, 30 m
Updating Calorie Calculator	User Story	11 h, 5 m	11 h, 5 m
Updating Unit Tests	Technical Task	3 h	3 h
Workout Summary	Technical Task	2 h	2 h

Daily Scrum

Daily Scrum Notes

Dec 5

- wrapping up final work
- going over some things
- looking over our uml and documentation
- challenge was towards the end of finishing the paper works

Dec 4

- we are done
- we have to finish up docummentation
- we have created our java doc
- out time management was on track this week

Dec 1

- we have gotten to the point where we are done and all we need is to merge and put everything together.
- We figured out how to create something similar to Chatgpt which is good.
- we hope to wrap everything up by Sunday and start working on our documentations that need to be worked on.

Nov 30

- we have gotten pretty far in terms of having the main points to what we wanted the code to be like
- We are working on wrapping it up and shifting towards documentations
- we challenged ourselves to try and make it as advance as possible but due to the time we could not reach every goal we had in mind.

Nov 28

- Meet at the lab for our meet up
- Everyone individually are at a 70 percent way done
- Having trouble making a chatgpt answer and question chat box for the user to use to ask questions
- we have accomplished a good 75 to 80 percent of the code and project being done
- working on adding every tab into one website

Nov 27

-We were able to meet and communicate

- Merged into main for the set of code
- We are working on implementing everything as a tab and everyone's section of work.
- We are 60 percent of the way

Nov 14

-Group meeting in the lab -Shared what we have done so far

- We need to learn how to create windows and implementing all of our code into that window
- We have a good 35 to 40 percent of our work done so far
- over break we would be doing more research and after break some more product design hopefully if we get there to make it more advance.

Nov 10 (by Prof. Lily)

- Meeting with Prof. Lily & Caroline S.
 - Document all wanted features
 - Then decide what is MINIMAL

- MVP (<https://www.freecodecamp.org/news/minimum-viable-product-between-an-idea-and-the-product/>)
- beyond MVP in AIECode

Nov 7

we accomplished how we can finalize our idea, we drew out a couple User Interface on paper, and created our UML idea.

we are working on the fitness app to calculate how much the user can burn.

Our challenges is how we can create the app and also how we can accurately calculate the calories.