

Project Summary

csci205_final_project

Project Details

Members

- Ahmad Rehman
- Alexander Pisarchik Shketav
- Joshua Lee
- Yuki Yao

Project Retrospective

What was your initial goal?

Our initial goal was to create a mental health app that would be able to be used by all students. We wanted to focus on accessibility and make sure that everyone can get instant help.

What did you achieve?

We were able to create a base model of the product.

What went well in the project?

How much progress we made.

What could be improved?

Our teamwork.

What would you change if you did the project again?

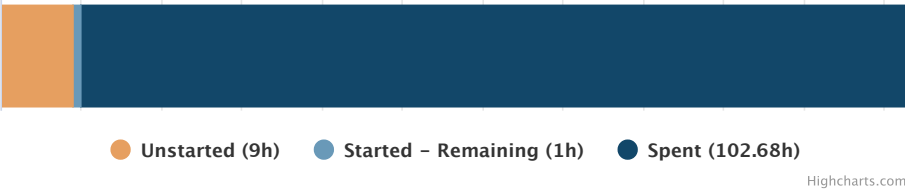
I would use scenebuilder and make sure to keep up with aie code more next time.

Charts

Health Bar

Project Health

csci205_final_project (As of: 5-1-2023)
Includes backlog

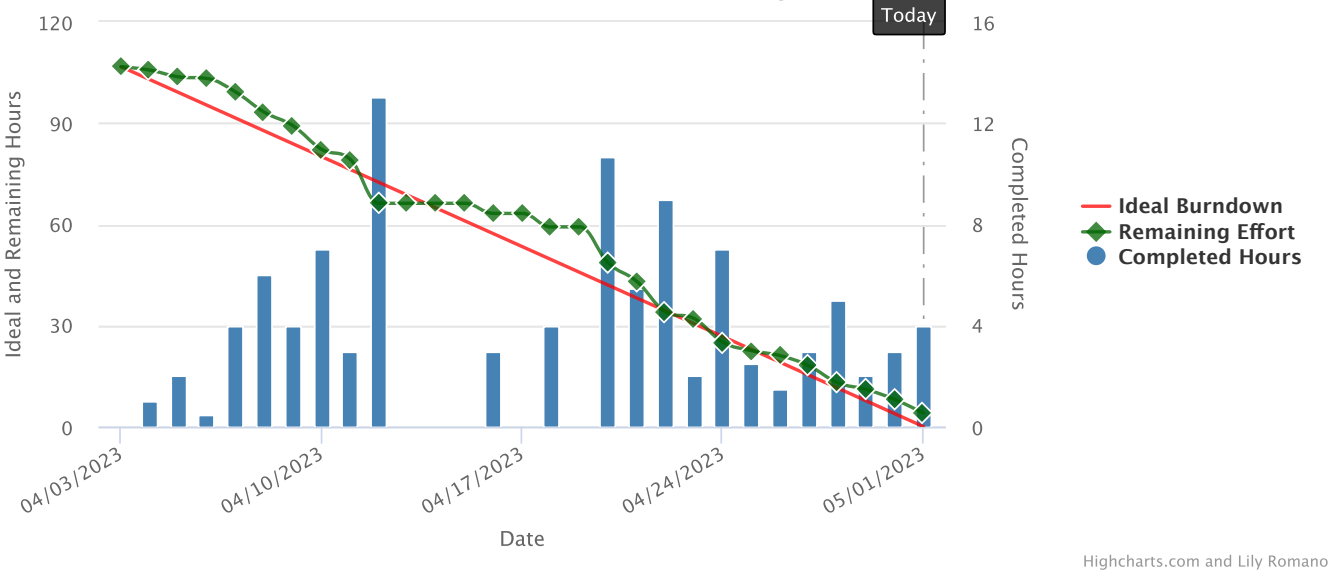


We had spent many hours on this project and we got a lot of work done. There were some unstarted hours but for the most part we got everything that we wanted to get done, done.

Burndown Chart

Project Burndown Chart

csci205_final_project (As of: 5-1-2023)
Does not include backlog

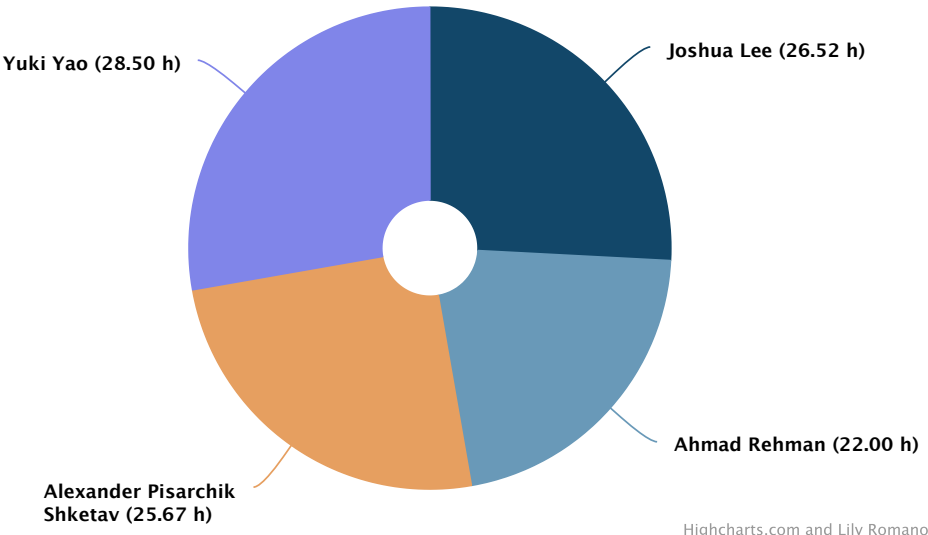


We had a good burndown chart. I believe that we followed it pretty well but some days we did not work on it and log our hours the best way possible.

Assignee Chart

Project Hours assigned vs. completed

csci205_final_project (As of: 5-1-2023)
Does not include backlog



We all worked on the project. Some people had trouble working with AIE code and some of our members did not work every sprint. We tried our best to have a even hour log and put in all the hours that we worked.

Name	User Stories	Bugs	Tech. Tasks	Design Tasks	Spikes	Doc.
Ahmad Rehman	0	0	22	0	0	0
Alexander Pisarchik Shketav	0	0	16	0	0	9.67
Joshua Lee	0	1	19.5	0	3	3.02
Yuki Yao	0	0	20	0	8	0.5

Sprints

Sprint 1

Dates:
4-3-2023 to 4-10-2023

Review:
What went well in the sprint?

We were able to get a lot of progress and we did most of the sprint work that was assigned.

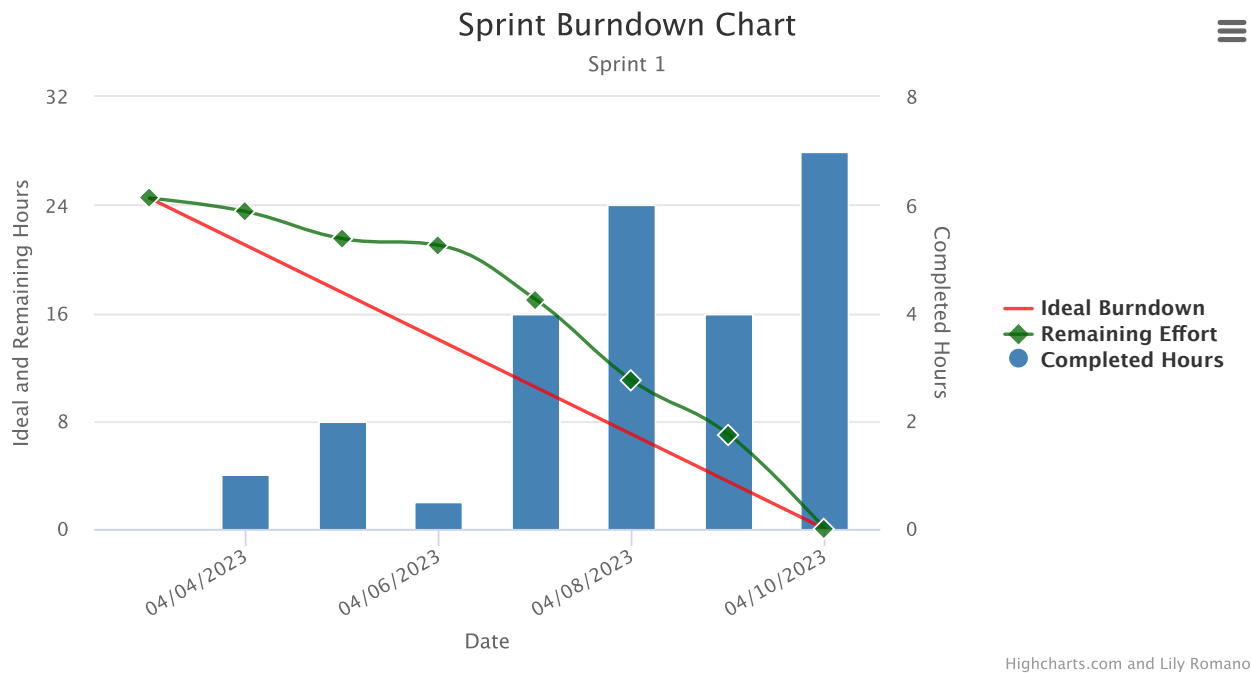
What could be improved?
Create more specific work and realistic goals for the sprint.

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

We are on track and we are planning to move on to the next part of our sprint.

What will you improve on in the next sprint?

We will make more specific work and spread it out well.

**Sprint 2****Dates:**

4-10-2023 to 4-17-2023

Goal:

We will be able to collect data and finish the user interface.

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

We were able to finish our whole user dashboard. We now have our bigger-picture app.

What could be improved?

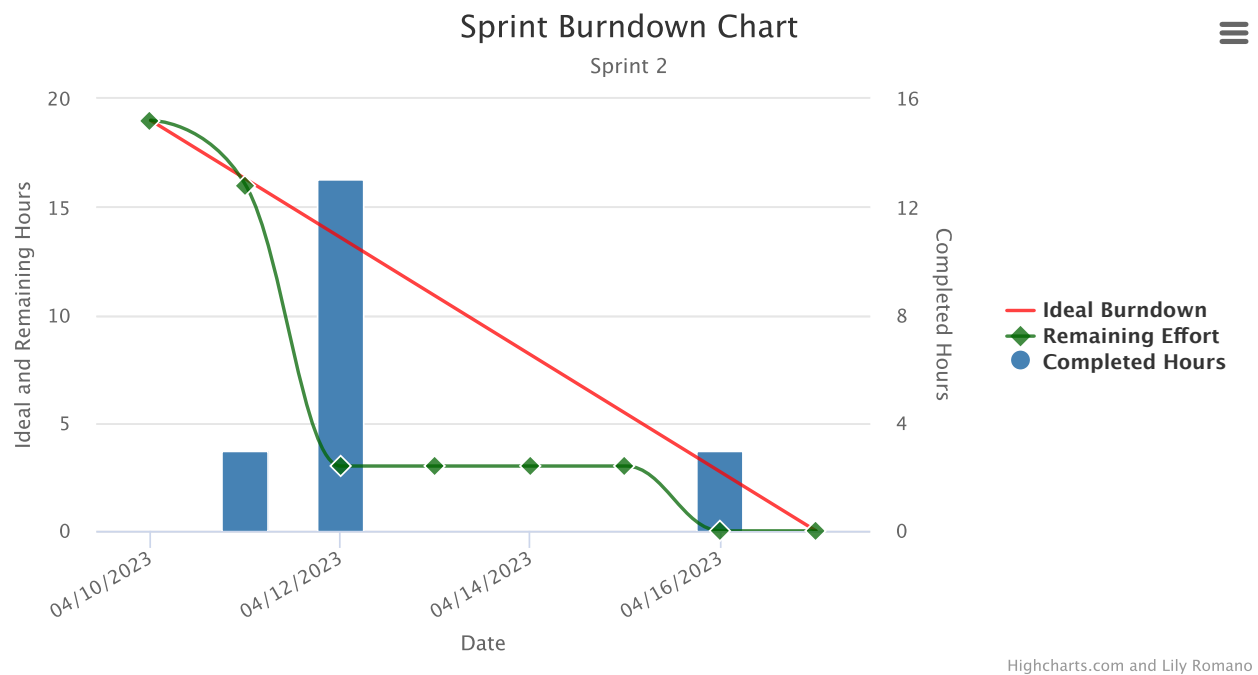
We could have been more efficient with the amount of work we did.

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

We are slightly behind track but it is okay because we are going to get almost everything done this week.

What will you improve on in the next sprint?

Make sure that everyone can be able to work on the project little by little this week.



Sprint 3

Dates:

4-17-2023 to 4-24-2023

Goal:

We will finish the graph implementation with saved data.

Review:

What went well in the sprint?

We were able to finish our project with just a few minor errors. We have almost 90 percent of what we were trying to achieve at the start.

What could be improved?

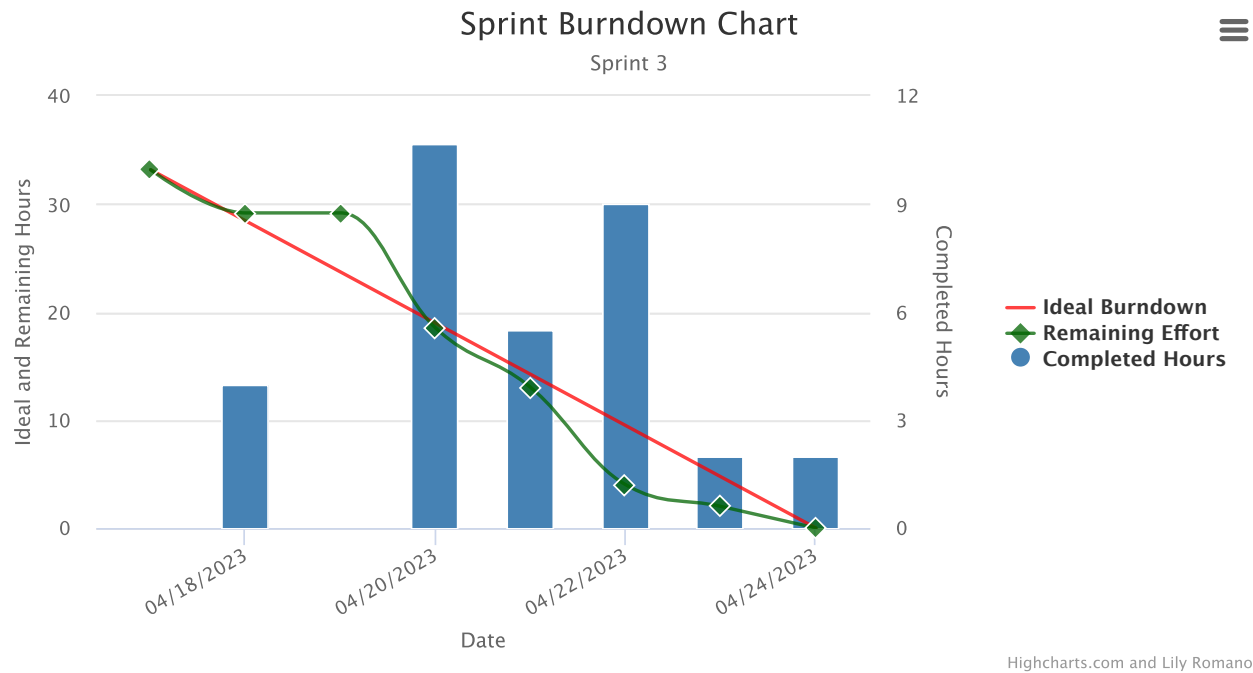
We could have worked on the other things that are needed in this project. We will focus on that this week.

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

We are on track, all we need to do is all the user manuals and videos.

What will you improve on in the next sprint?

We will finish this project and finish all the other technical stuff.



Sprint 4

Dates:

4-24-2023 to 5-1-2023

Goal:

We will finish all technical work and finish this project.

Review:

What went well in the sprint?

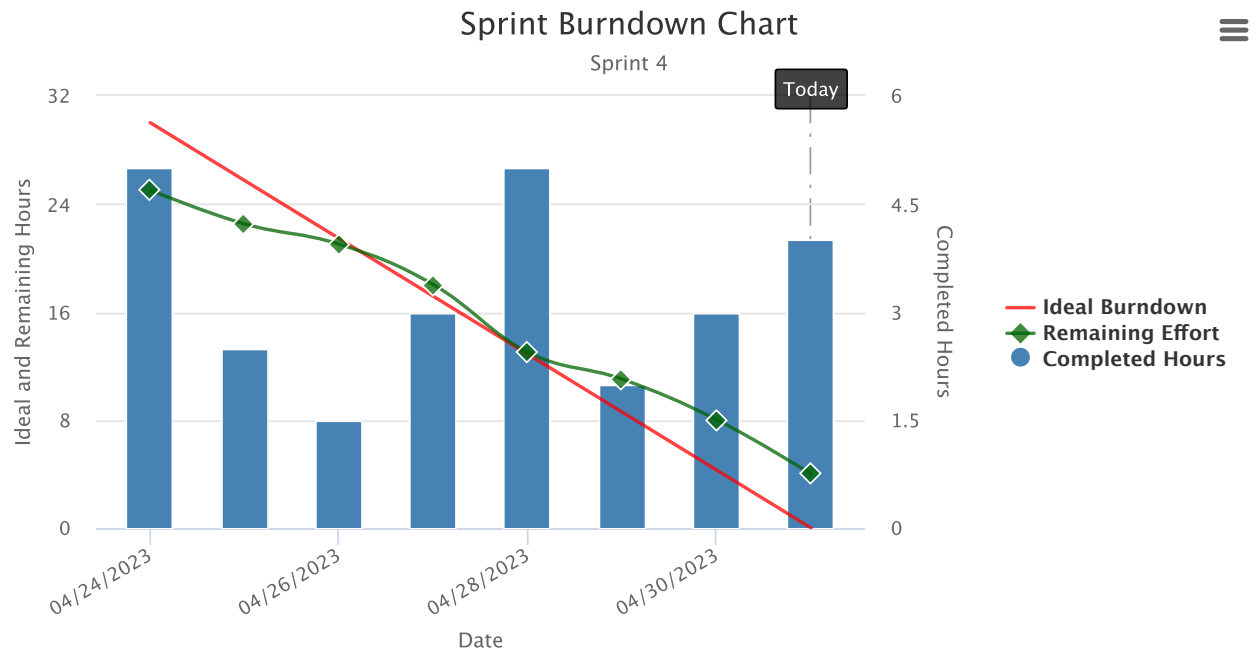
We finished the project

What could be improved?

Our use of AIE code

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

Use scene builder next time.



Personas



Damien Fabre

Quote

I'm gonna enter my daily check in

Narrative

I will enter what stuff I did today that pertains to my mental (and physical) health



Lena Philippe

Quote

"I would like to improve my mental health."

Narrative

Base user have access to their own personal account and see how the app can work for themselves.

Table of Work

Search:

Showing 1 to 55 of 55 entries

Title	Type	Est.	Spent
Closed (50)		97 h, 41 m	0
Sprint 1 (14)		24 h, 30 m	0
[View] Cleaning mood question buttons	Technical Task	3 h	3 h
[View] Create habit tracking scene	Technical Task	6 h	6 h
adding images to circles	Spike	1 h	1 h
Begin Base UML	Technical Task	1 h	1 h
Create Base Controller	Technical Task	30 m	30 m
Create Base Main (for controller, model, and view)	Technical Task	1 h	1 h
Create Base Model	Technical Task	30 m	30 m
Create Base View	Technical Task	1 h	1 h
Final Project Proposal	Documentation	30 m	30 m
Implement Controller Logic	Technical Task	2 h	2 h
Implementing the controller	Technical Task	3 h	3 h
Implementing the Model	Technical Task	0	0
UML for app	Documentation	2 h	2 h
Update UML	Technical Task	3 h	3 h
Sprint 2 (10)		19 h	0
[View] Implementing navigation bar	Technical Task	2 h	2 h
clean up the view	Technical Task	1 h	1 h
Create HashMap to store Day Moods	Technical Task	3 h	3 h
fixing up the habit buttons with text fields	Technical Task	2 h	2 h
Implement on View(To display Day Moods)	Technical Task	3 h	3 h
Implementing the controller	Technical Task	0	0
Mood Tracking Dashboard Design	Design Need	0	0
Research SceneBuilder using lab11	Technical Task	1 d	1 d

Title	Type	Est.	Spent
Stabilizing Student Mental Health	User Story	0	0
UML for app	Documentation	0	0
Sprint 3 (18)		33 h, 10 m	0
Create and finish the CRC cards	Documentation	1 h	1 h
Create base Use Case Diagram	Documentation	30 m	30 m
Create Base User And Techincal Manual	Documentation	10 m	10 m
Implement ChatGPT API	Technical Task	1 h	1 h
Implementing scene switching	Technical Task	5 h	5 h
Implementing the controller	Technical Task	4 h	4 h
Mood Tracking Dashboard Design	Design Need	0	0
Refactor Code	Technical Task	3 h	3 h
Refactoring	Technical Task	1 h, 30 m	1 h, 30 m
Research & Finish Use Case Diagram	Documentation	1 h	1 h
Research about javafx graphs and using files	Spike	2 h	2 h
research for accessing database online	Spike	0	0
Research how to incorporate chatGPT API into our program	Spike	3 h	3 h
Research scene switching	Spike	5 h	5 h
Saving user data	Technical Task	4 h	4 h
Solve File Save Issue	Technical Task	2 h	2 h
Stabilizing Student Mental Health	User Story	0	0
UML for app	Documentation	0	0
Sprint 4 (8)		21 h, 1 m	21 h, 1 m
adjust the text fields	Technical Task	1 h	1 h
Design manual	Documentation	3 h, 1 m	3 h, 1 m
FinishTesting Class	Technical Task	3 h	3 h
gradle bug	Bug	1 h	1 h
Implement ChatBot	Technical Task	5 h	5 h
Refactoring	Technical Task	2 h	2 h

Title	Type	Est.	Spent
Research the addition of training data for ChatGPT	Technical Task	3 h	3 h
Work on Technical Documentation	Technical Task	3 h	3 h
Opened (5)		15 h	0
Sprint 4 (2)		9 h	0
More than one daily input puts all results on the graph	Bug	3 h	0
Work on Manuals and non-technical files	Documentation	6 h	5 h
Backlog (3)		6 h	0
Refactor Code	Technical Task	3 h	0
Refactor Code	Technical Task	3 h	0
research for accessing database online	Spike	0	0

Daily Scrum

Daily Scrum Notes

4/5/23

Josh: worked on initial controller and model

Sasha: worked on initial main

Yuki: worked on UML

4/7/23

Josh: researched about image resizing

Sasha: worked on the view

Ahmad: Updated UML

4/8/23

Yuki: added all images and buttons

Josh: Helped Yuki with buttons and fixing VBox

Overall we finished the base view

4/10/23

Josh: worked on positioning progress bar

Sasha: edited buttons

Yuki: researched about chat bot

Overall we accomplished most of the view

4/11/23

Josh: added functionality to track which button is clicked

Yuki: added two buttons to change the scenes

we accomplished more on our view and tracking data

We are now working on chat bot and implementing the graph

Challenges: trying to track data and save it

4/12/23

Josh: changed the way the radio buttons are displayed with text fields

Yuki: added the navigation bar with more buttons

Ahmad: worked on assigning a time to the button press and saves it in a hashmap

Our view is nearly finished

Challenges: figuring out how to implement the graph

4/13/23

Josh: resolved git problems with Lily

Sasha: edited UML

4/16/23

Yuki: worked on trying to change scenes

Josh: edited the graph

Ahmad: created the graph to be viewed

We accomplished the whole view

We are now working on saving data of button press and chat bot

4/17/23

Sasha refactored

Josh: tried working on saving data

Yuki: edited the scene

4/18/23

Josh: saved data to a file and plotted a graph with that data

Yuki: worked on scene change and chat bot

Challenges: figuring out how to deal with duplicate dates in the file

4/24/23

Yuki: finished the chat bot ai

Josh: refactored the code

4/26/23