

Project Summary

csci205_final_product

Project Details

Members

- Aura Chuck
- Hasiba Hasin Royesh
- Jean Marie Ngabonziza
- Minh Anh Phan
- Minh Pham

Project Retrospective

What was your initial goal?

Our initial goal was to create an app that serves a purpose and is functional.

What did you achieve?

Our app achieved many, if not all, of the technical goals we imagined for the app, along with effects and stylistic choices that took its presentation to the next level.

What went well in the project?

We achieved many of our technical goals and were able to successfully implement challenging processes like API, databases, and mouse hover button changes.

What could be improved?

More expansive pie chart visuals, cleaner run times.

What would you change if you did the project again?

We would begin with UI implementations, and have very specific AIECode driven inputs.

Charts

Health Bar

Project Health

csci205_final_product (As of: 12-9-2024)
Includes backlog



Unstarted (0h) Started – Remaining (0h) Spent (150.83h)

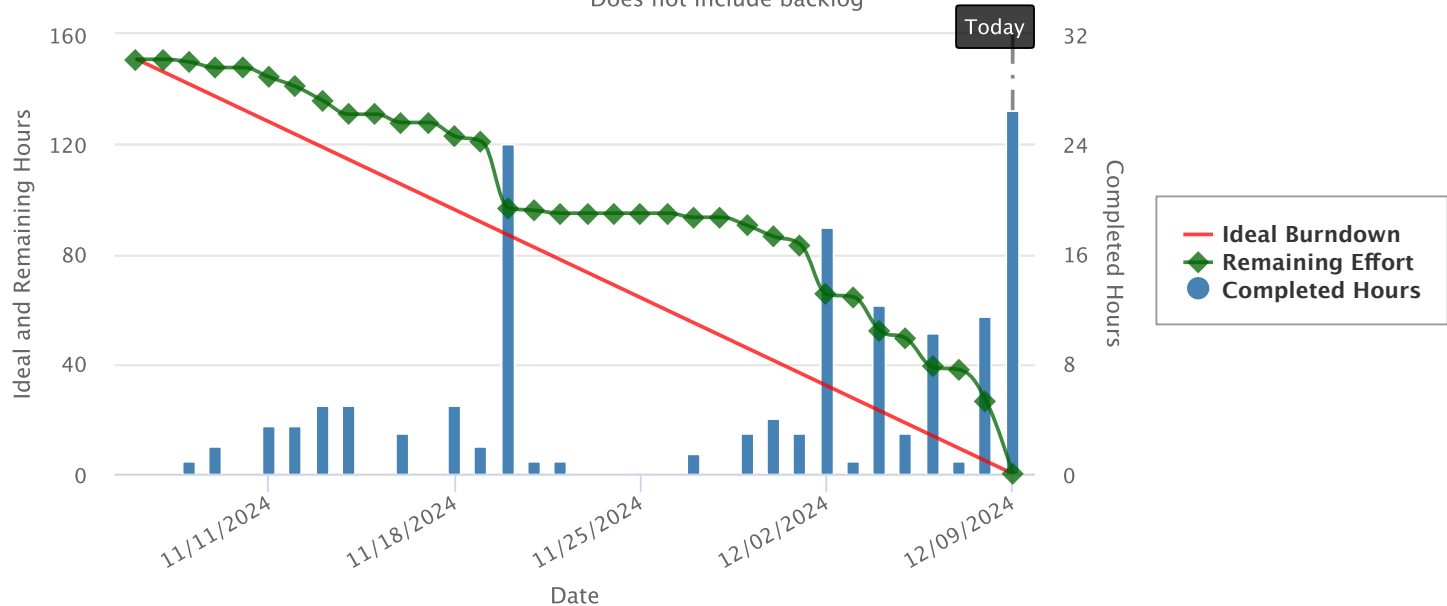
Highcharts.com

I am very proud of the work our team accomplished! A testament to our hard work. :)

Burndown Chart

Project Burndown Chart

csci205_final_product (As of: 12-9-2024)
Does not include backlog



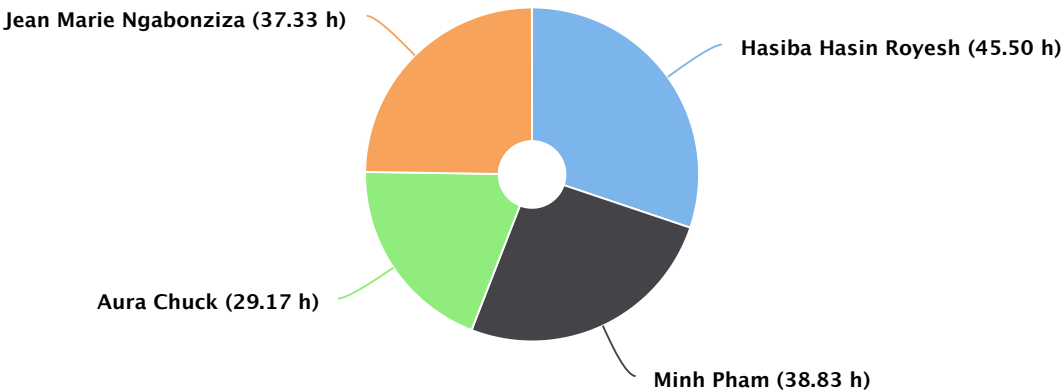
Highcharts.com and Lily Romano

I think the gaps we took were a reflection of a break period we needed to come back stronger than before.

Assignee Chart

Project Hours assigned vs. completed

csci205_final_product (As of: 12-9-2024)
Does not include backlog



Highcharts.com and Lily Romano

The division of work seems like a proper reflection of everyone's work and skillsets being applied fully to this project.

Name	User Stories	Bugs	Tech. Tasks	Design Tasks	Spikes	Doc.
Aura Chuck	1	0	3.5	10	0	14.67
Hasiba Hasin Royesh	5	0	30.5	10	0	0
Jean Marie Ngabonziza	0	0.83	25	11.5	0	0
Minh Pham	0	0.33	29	8.5	0	1

Sprints

Sprint 1

Dates:

11-6-2024 to 11-13-2024

Review:

What went well in the sprint?

there was good communication, good allocation of time, and tasks were divided fairly among teammates.

What could be improved?

Our scheduled times often got delayed because real-world events got in the way. In the future, we will plan meeting times smartly and stick to them.

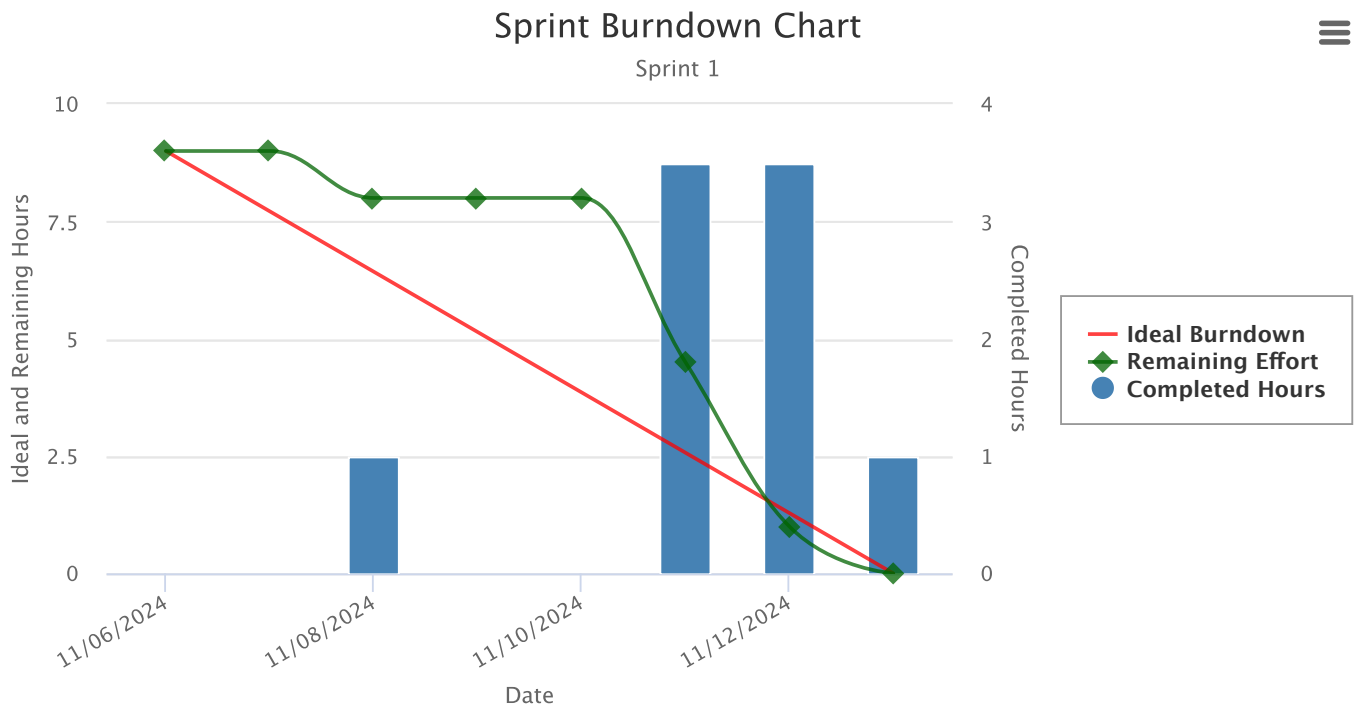
Are you on track? What is your plan if not?

We are on track but could be more ahead in terms of coding. Now that we have a solid plan we will move

forward with coding and testing, giving us more material to work with and improve upon.

What will you improve on in the next sprint?

Setting meetings smartly, be more realistic with our creative vision, work hard :)



Sprint 2

Dates:

11-13-2024 to 11-20-2024

Goal:

Have a solid code base, have something runnable w/ outputs before break, be happy and a well working team :)

Review:

What went well in the sprint?

We were able to research and effectively source our APIs and SQL databases.

What could be improved?

We came into a critical error when it comes to our design plan, with two different ideas emerging that made our initial code a bit complex. We must consolidate these ideas and commit to a direction, changing code accordingly.

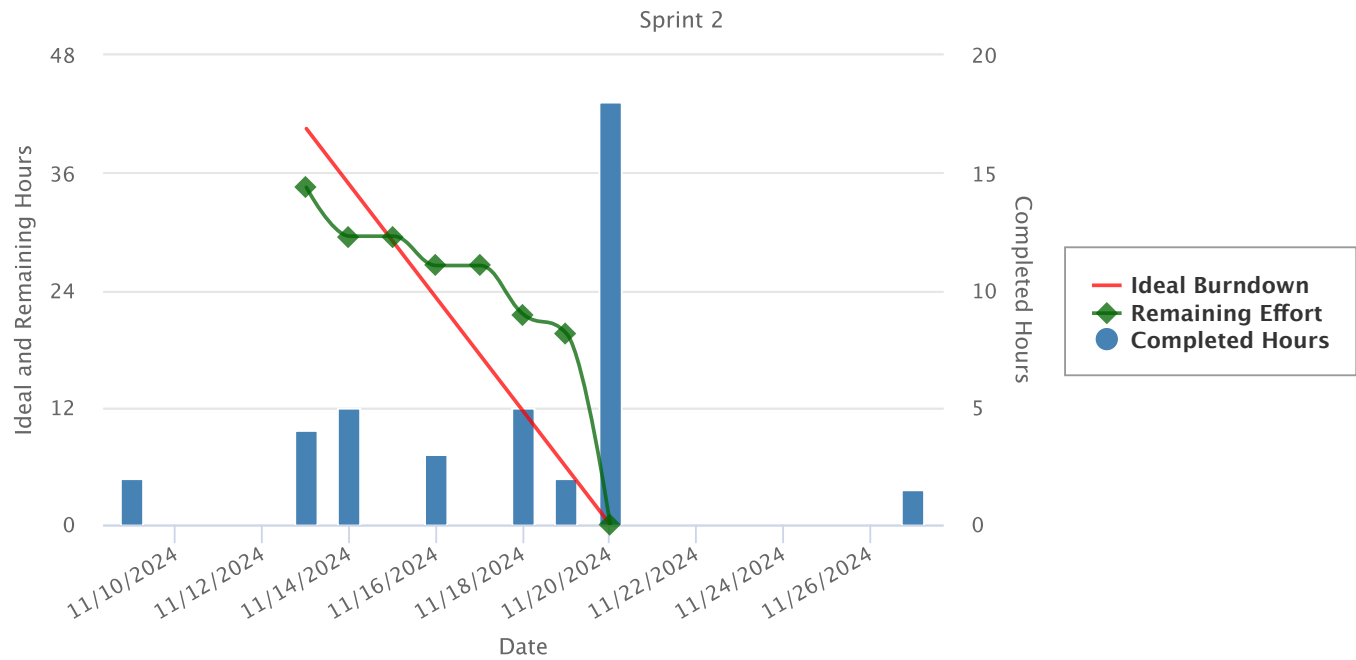
Are you on track? What is your plan if not?

We are a bit more behind than we would like to be, but will commit to doing independent research and coming together often during break. Good code knows no breaks!

What will you improve on in the next sprint?

Design concepts and communication.

Sprint Burndown Chart



Sprint 3

Dates:
11-20-2024 to 12-4-2024

Goal:
To consolidate our teo design finishm get runnable code, set a solid foundation for graphics.

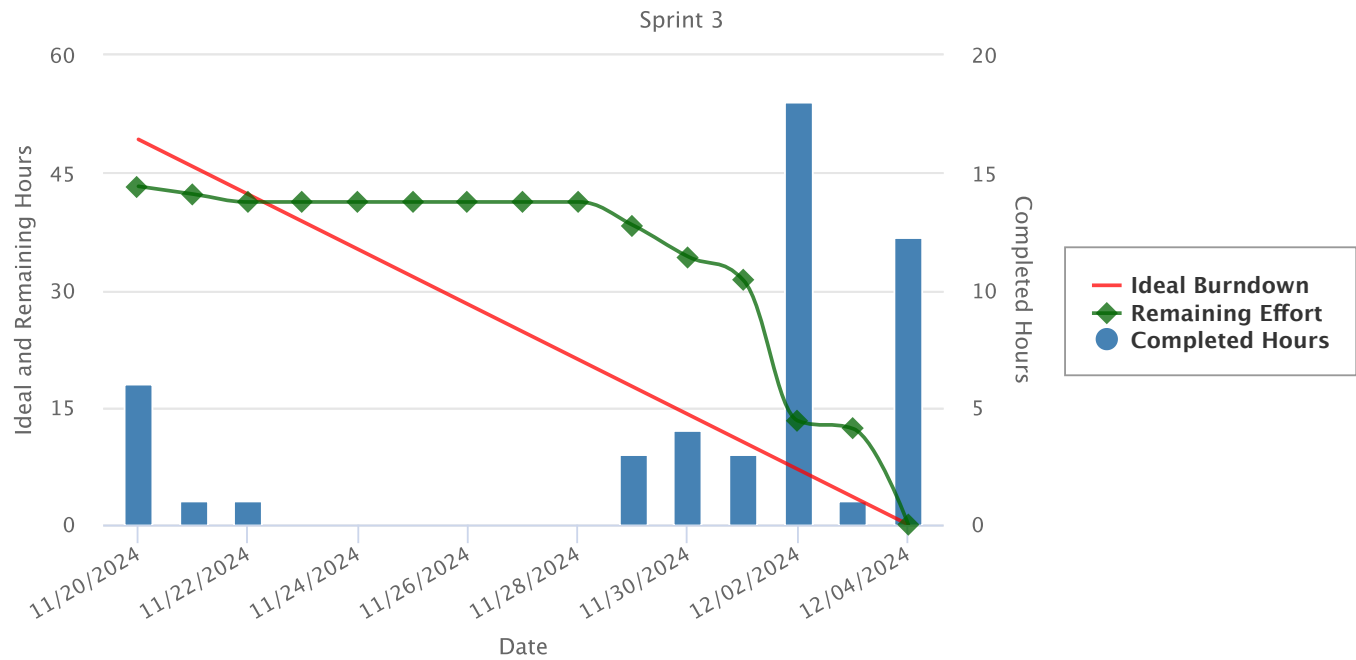
Review:
What went well in the sprint?
Fair divison of work and we were more punctual with things. More relaxing sprint.

What could be improved?
Better planning of our to-dos before working. Better communication, more in person check-ins. Better AIECode hour planning.

Are you on track? What is your plan if not?
Barely on track, must keep up the grind fr.

What will you improve on in the next sprint?
Better communication, prioritizing tasks. Asking for more help and professor input.

Sprint Burndown Chart



Sprint 4

Dates:
12-4-2024 to 12-9-2024

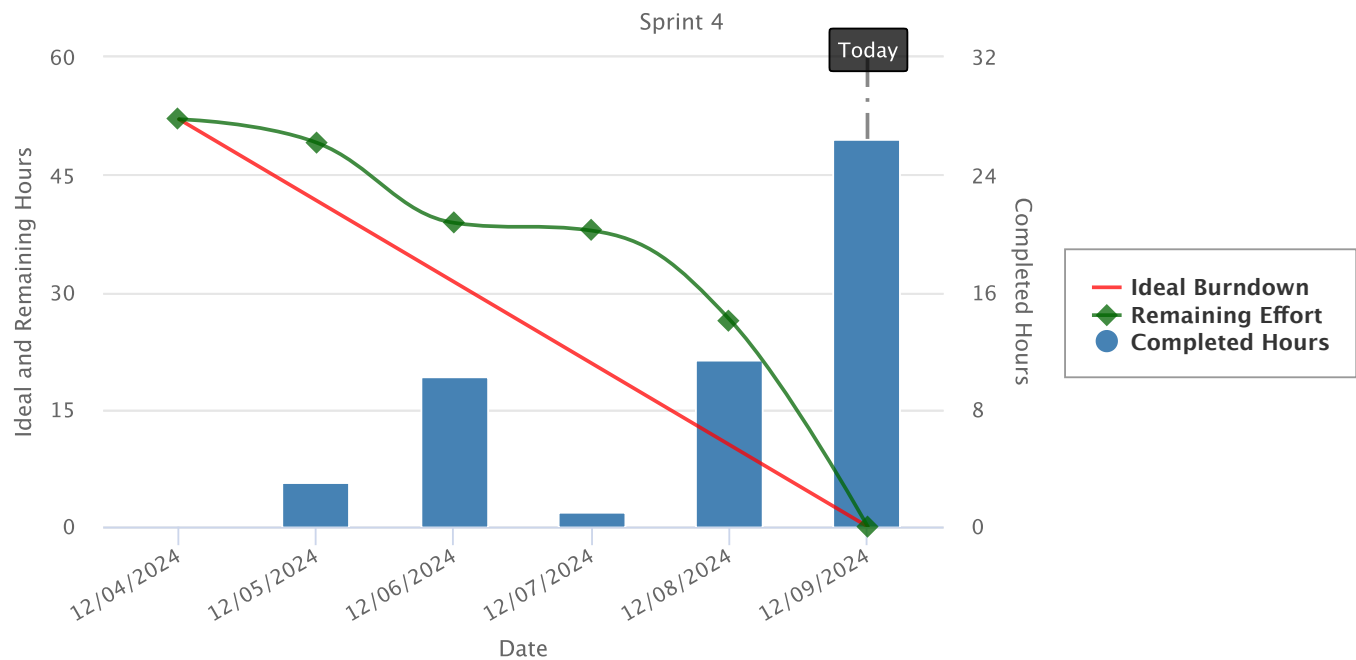
Goal:
Our goals include getting effective UI and communicating our goals through to the end.

Review:
What went well in the sprint?
I think we improved significantly in our communication, and ultimately got to a final product we were proud of despite any shifts and obstacles.

What could be improved?
Better planning and more thorough check-ins.

If you were to continue the project, what would you improve on in the next sprint?
We would be sure to do proper research that informs us of the scope of our design ideas.

Sprint Burndown Chart



Personas



Arn Utsi

Quote

have social anxiety, so I want to track my triggers and manage my needs according to what my therapist advised."

Narrative

Arn wants an app that lets him add notes or context to his mood entries (in case he realizes an event or action triggered his mood). He would like to be shown trends or patterns in his behavior overtime, and wants a secure storage of data.



Yasemin Baturalp

Quote

"Tracking my mood helps me stay balanced and keep a positive outlook."

Narrative

Yasemin enjoys maintaining a healthy lifestyle and sees mood tracking as a way to support her mental well-being. She wants quick, daily check-ins and gentle reminders to stay mindful, plus uplifting quotes or short exercises to keep her spirits high on challenging days.



Rosemary Ward

Quote

"I'm struggling to balance taking care of my emotions while I try to make ends meet for my kids."

Narrative

Rosemary would need gentle notifications to check in (she would be so busy with childcare and kids she would forget to prioritize herself), affirmation reminders (to reassure her during tough times) and a simple interface with soothing and calm color schemes.



Mia Walker

Quote

"I'm a teenager that wants to learn about my own emotions, but not in a way that feels like homework!"

Narrative

Mia wants a simple yet fun design with emoji-based mood selection. She would enjoy making a game of her mood tracking experience and being able to share her reflections with friends and family.



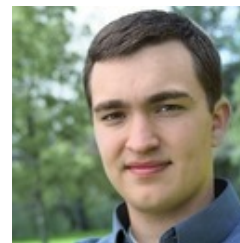
Lara Fournier

Quote

As a project manager in a busy marketing agency, I rely on digital tools to manage tight deadlines. I'm now focused on understanding my mood and emotional patterns to manage stress better and stay productive, even on tough days.

Narrative

Lara's persona guides the app's mood analytics and productivity features, with visual data showing mood trends at a glance. Algorithms will suggest mood-boosting activities, like quick mindfulness exercises or reminders for breaks during high-stress times.



Marco Sanchez

Quote

"After wasting a good chunk of my life, one solution is to start journaling about my life to keep myself under control of my actions and give me a chance to reflect on my decisions."

Narrative

Marco is a young adult who dropped out of college due to drug addiction. Now he is out of rehab and he is on a life changing journey. He wants to be able to

Table of Work

Showing 1 to 71 of 71 entries

Search:

Title	Type	Est.	Spent
Closed (63)		150 h, 50 m	0
Sprint 1 (5)		9 h	9 h
Create Class Diagrams	Documentation	2 h, 30 m	2 h, 30 m
Create CRC Cards	Documentation	1 h, 30 m	1 h, 30 m
Look up Mood App References	Design Need	1 h	1 h
Reimplement & finalize class diagrams	Design Need	3 h	3 h
Update CRC cards to new classes	Documentation	1 h	1 h
Sprint 2 (15)		40 h, 30 m	0
Analyzing Sentiment API	Technical Task	2 h	2 h
Code MoodTracker & MoodEntry	User Story	5 h	5 h
Complete code for UserLogin	Design Need	4 h	4 h
Connecting the database to login/create account in intelliJ	Technical Task	5 h	5 h
Create logo for FeelBit app	Design Need	3 h	3 h
Finalize Figma UI Template	Design Need	2 h	2 h
Finish 1/2 of UserManual.PDF	Documentation	1 h	1 h
Finish setting up CreateAccount and Login classes	Technical Task	3 h	3 h
Implementing JournalEntry Class	Technical Task	1 h, 30 m	1 h, 30 m
Implementing Trigger and Emoji Class	Technical Task	3 h	3 h
JournalEntry & Suggestions Class	Technical Task	6 h	6 h
Research affirmation notification function	User Story	0	0
Research affirmation notification function	User Story	1 h	1 h

Title	Type	Est.	Spent
Testing API	Technical Task	2 h	2 h
Work on Login Database & Coding	Technical Task	2 h	2 h
Sprint 3 (17)		49 h, 15 m	49 h, 15 m
Brainstorm video tools and script for video presentation	Documentation	2 h, 45 m	2 h, 45 m
Changing databases from PostgreSQL to MongoDB Atlas	Technical Task	6 h	6 h
Combine running code	Technical Task	3 h	3 h
Film intro to video presentation	Documentation	1 h	1 h
Finalize ScreenBuilder UI Template	Design Need	3 h	3 h
Finalize UI text description	Design Need	1 h	1 h
Finalize UML cards to FINAL design vision	Design Need	3 h	3 h
Finalizing MoodEntry Class and Emoji Enum	Technical Task	3 h	3 h
Finalizing Trigger Class and Trigger Enum	Technical Task	3 h	3 h
Finish Jam11	Technical Task	3 h	3 h
Jam 11	Technical Task	4 h	4 h
Jam 11	Technical Task	3 h	3 h
Jam 11	Technical Task	5 h	5 h
Merging Design Details	Technical Task	1 h, 30 m	1 h, 30 m
MVC for login	Design Need	2 h	2 h
Summarize app functionality in our FeelBit doc	Documentation	1 h	1 h
Update Suggestion Class	Technical Task	4 h	4 h
Sprint 4 (26)		52 h, 5 m	0
Add Logout features	Technical Task	15 m	15 m
Code button effects	Technical Task	30 m	30 m
Complete Journal History FXML	Design Need	3 h	3 h
Complete user story section in designmanual	Documentation	25 m	25 m
Create Mood Suggestions Hub UI Page	Design Need	1 h	1 h
Created a Helper function and did more refactoring.	Design Need	1 h, 30 m	1 h, 30 m
Creating LogFile helper function for Serializing the userLog.	Technical Task	3 h	3 h
DesignManual.pdf (work on, complete)	Documentation	2 h, 30 m	2 h, 30 m

Title	Type	Est.	Spent
Do log emotion UI FXML	Design Need	3 h	3 h
Finalize sequence diagrams	Documentation	0	0
Finalize state diagrams	Documentation	0	0
Finalize UserManual.pdf	Documentation	1 h	1 h
Finalizing UI backend frontend integration	Technical Task	6 h	6 h
Finish UML Use Case Diagram	Documentation	1 h	1 h
Generating Pie chart	Technical Task	2 h	2 h
Home Page/MainInterface UI	Design Need	3 h	3 h
Integrate all controllers together	Technical Task	6 h	6 h
Login & Create account logic + Database connection	Design Need	2 h, 30 m	2 h, 30 m
Login and Sign in UI FXML	Design Need	4 h	4 h
refactoring all classes + javadocs	Bug	50 m	50 m
Refactoring old classes	Technical Task	15 m	15 m
Remove commented out lines, minor bug fixes	Bug	20 m	20 m
Updating and finalizing CRC cards	Technical Task	2 h	2 h
Using serialization to finalize data recording & storage	Technical Task	3 h	3 h
Working on the Journal History UI and connecting buttons	Technical Task	2 h	2 h
Working on Journal History Database	Technical Task	3 h	3 h
Trashed (8)		0	0
Sprint 3 (2)		0	0
Code MoodTracker & MoodEntry	User Story	0	0
Working on Jam 11	Technical Task	0	0
Sprint 4 (4)		0	0
Adding Javadocs & Refactoring	Design Need	0	0
Code MoodHistory & statistics code/UI	Technical Task	0	0
Complete & Edit ScrumReport.pdf	Documentation	0	0
Finish editing, recording, and submit video presentation	Documentation	0	0
Backlog (2)		0	0
Code JournalEntry and Suggestion	Technical Task	0	0

Title	Type	Est.	Spent
Finalize ScreenBuilder UI Template	Design Need	0	0

Daily Scrum

Daily Scrum Notes