Project Summary
csci205_final_project

Project Details

Members

- Alex Coleman
- Benjamin Bonafede
- Veer Yadav
- Yacine Bouabida

Project Retrospective

What was your initial goal?

To build a working group chat.

What did you achieve?

We built a working group chat, without encryption.

What went well in the project?

I thought the group worked very well together and got a final product together.

What could be improved?

N/A

What would you change if you did the project again?

We wouldn't change anything except implementing more ideas.

Charts

Health Bar

Project Health

csci205_final_project (As of: 12_7_2022)

csci205_final_project (As of: 12-7-2022)
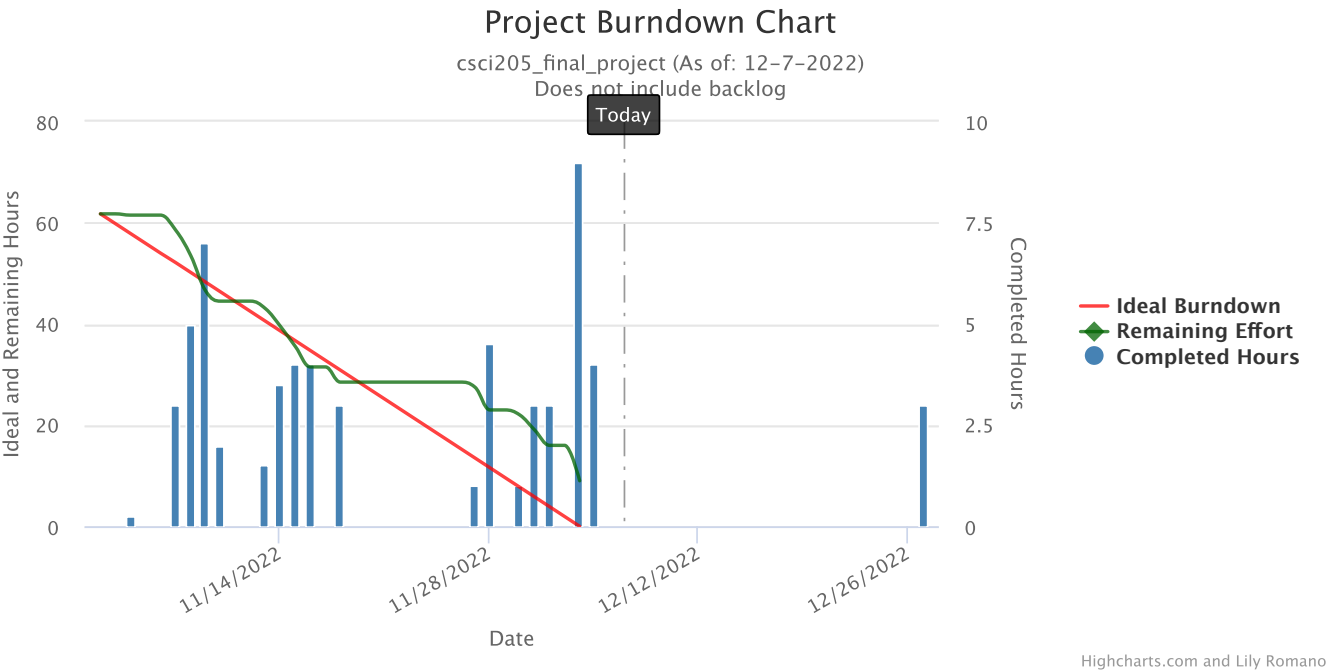Includes backlog

● Unstarted (0h)   ● Started – Remaining (0h)   ● Spent (61.75h)
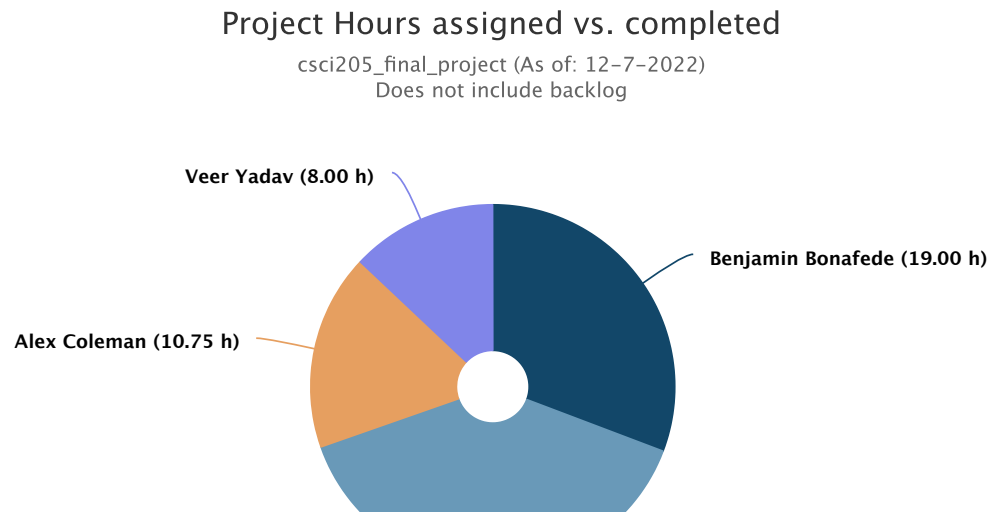
Highcharts.com

We completed our entire backlog, which is great! If we had more time, we would have more work on the health bar because we wanted to include a few more ideas.

Burndown Chart

Project Burndown Chart

csci205_final_project (As of: 12-7-2022)
Does not include backlog

Highcharts.com and Lily Romano

Our burndown looks quite similar to the ideal burndown. We split up the work evenly throughout the 4 sprints.

Assignee Chart

Project Hours assigned vs. completed

csci205_final_project (As of: 12-7-2022)
Does not include backlog

Veer Yadav (8.00 h)

Benjamin Bonafede (19.00 h)

Alex Coleman (10.75 h)

Yacine Bouabida (24.00 h)

The chart above shows that everything assigned to each developer was completed. We all worked on this project evenly and it definitely shows.

Name	User Stories	Bugs	Tech. Tasks	Design Tasks	Spikes	Doc.
Alex Coleman	0	0	6.75	4	0	0
Benjamin Bonafede	0	0	14.5	4.5	0	0
Veer Yadav	0	0	2	6	0	0
Yacine Bouabida	0	5	6	4	9	0

Sprints

Sprint 1

Dates:

11-2-2022 to 11-9-2022

Review:

What went well in the sprint?

We completed the base for our messaging application. We created a well-cohesive OOP class setup.
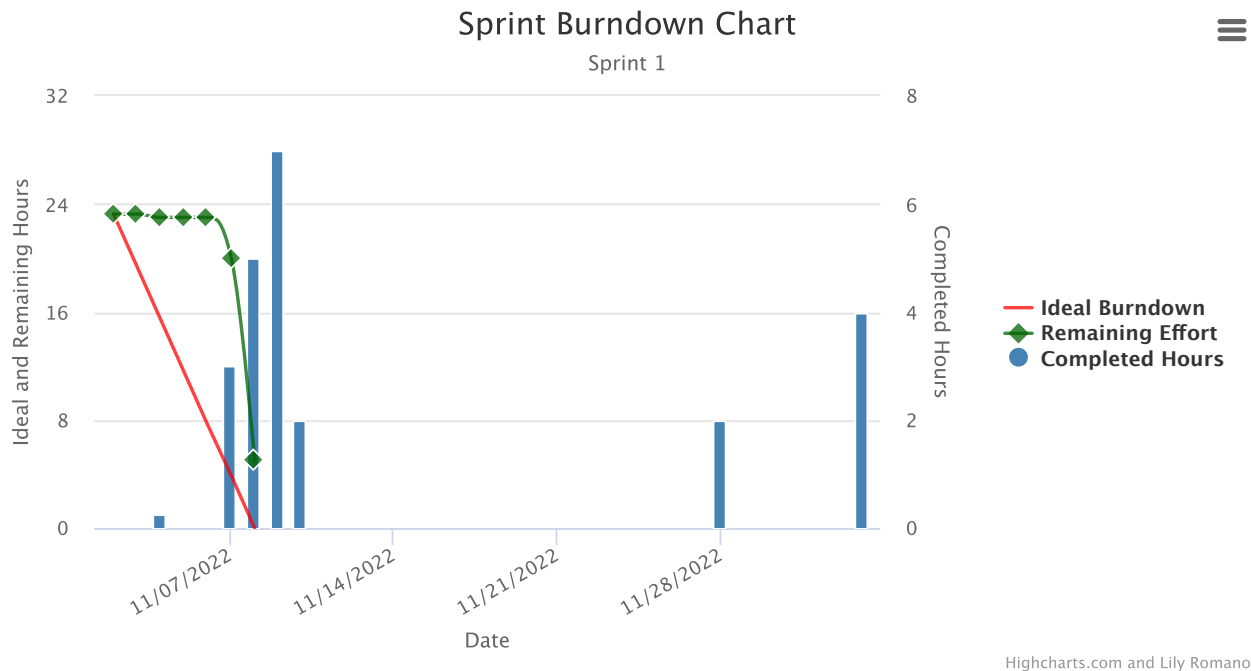
What could be improved?

We could all put more time into the project. We could have more meetings outside of class. We could think of more complex ideas for our application.

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

We are on track. We need to create a GUI for the next sprint.

What will you improve on in the next sprint?

For the next sprint, we are going to create the GUI. We will need to meet much more in order to accomplish this.

Sprint Burndown Chart
Sprint 1

Highcharts.com and Lily Romano

Sprint 2

Dates:

11-9-2022 to 11-16-2022

Goal:

We have to fix some little bugs regarding the client-server classes. Then, we will create out GUI.

Review:

What went well in the sprint?

We have begun implementing our program into JavaFX and have a basic gui set up.
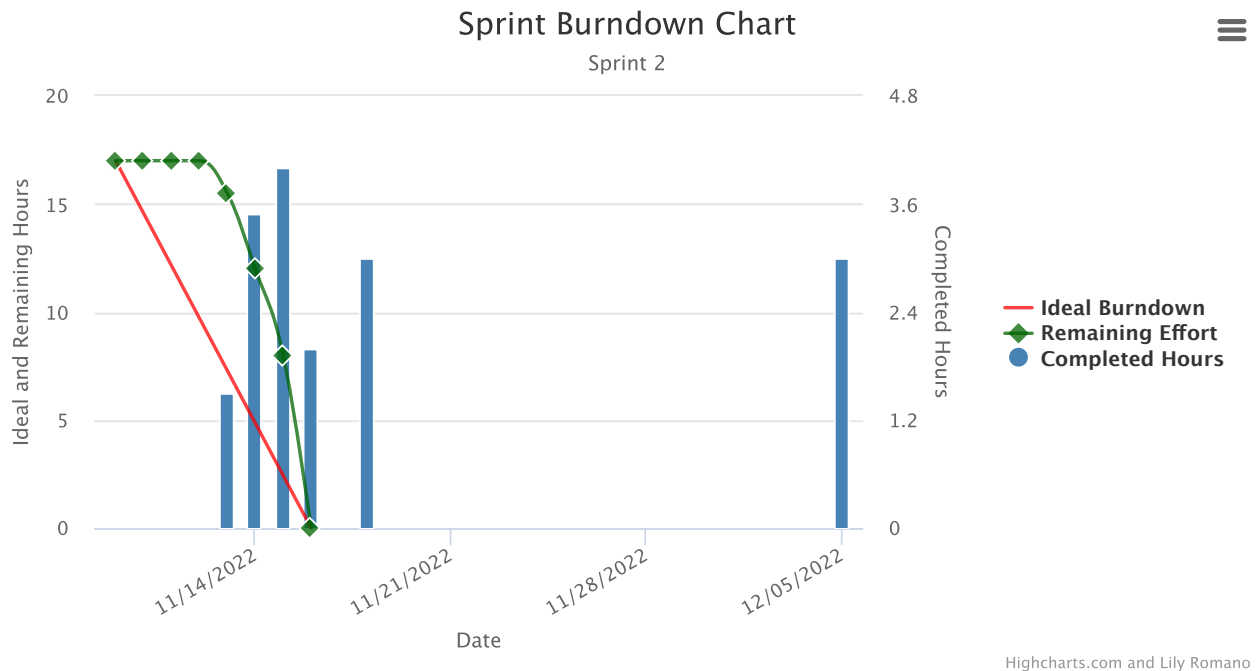

What could be improved?

We need to work on our controller class so that we can use our UI to communicate.

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

We are somewhat on track, once we break through this wall we have hit on the controller class we will hit a big stride forward.

What will you improve on in the next sprint?

Next sprint, we will hone in on our controller class and implementing our code into JavaFX. Once we have that figured out, we can begin looking at how to improve our application using encryption and more.

Sprint Burndown Chart
Sprint 2

Highcharts.com and Lily Romano

Sprint 3

Dates:

11-16-2022 to 11-28-2022

Goal:

Complete controller class, get messenger app working in JavaFX GUI, and begin looking into improvements using encryption and more.

Review:

What went well in the sprint?

We achieved a fully working version of our product!
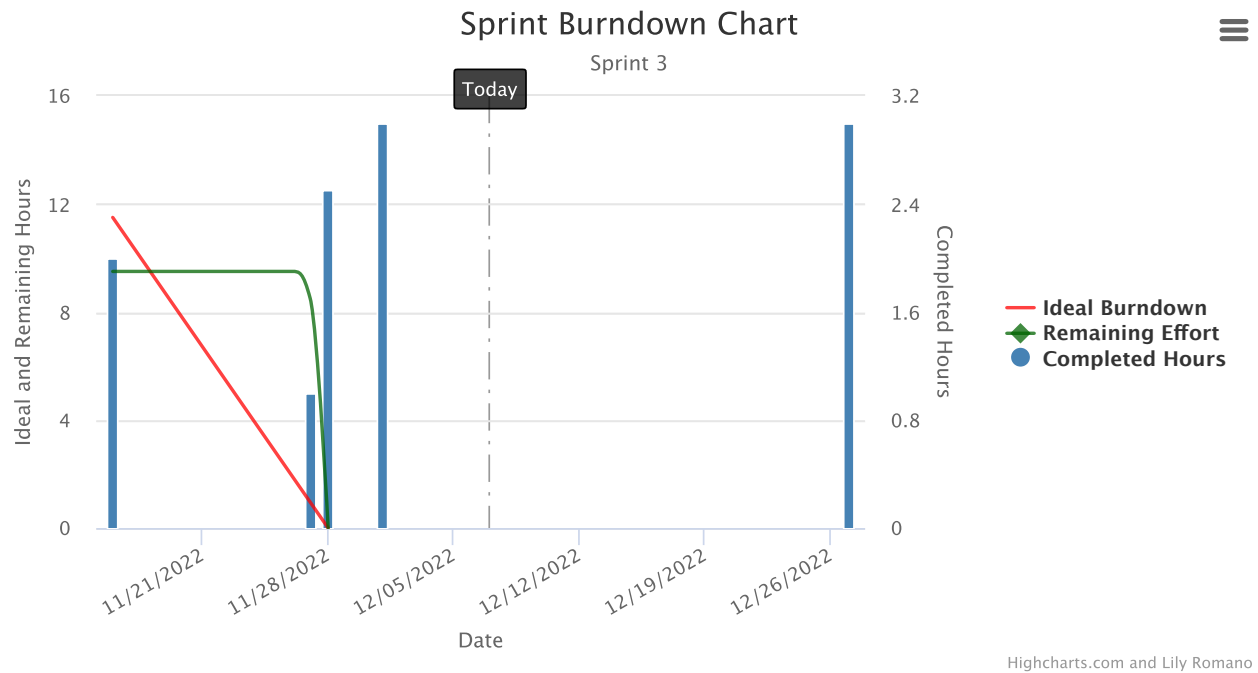

What could be improved?

We need to fix a couple of bugs and implement a few more "things."

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

We are on track.

What will you improve on in the next sprint?

We are going to build off of working version

Sprint Burndown Chart

Highcharts.com and Lily Romano

Sprint 4

Dates:
11-28-2022 to 12-5-2022

Goal:
Hopefully finish our final project.

Review:
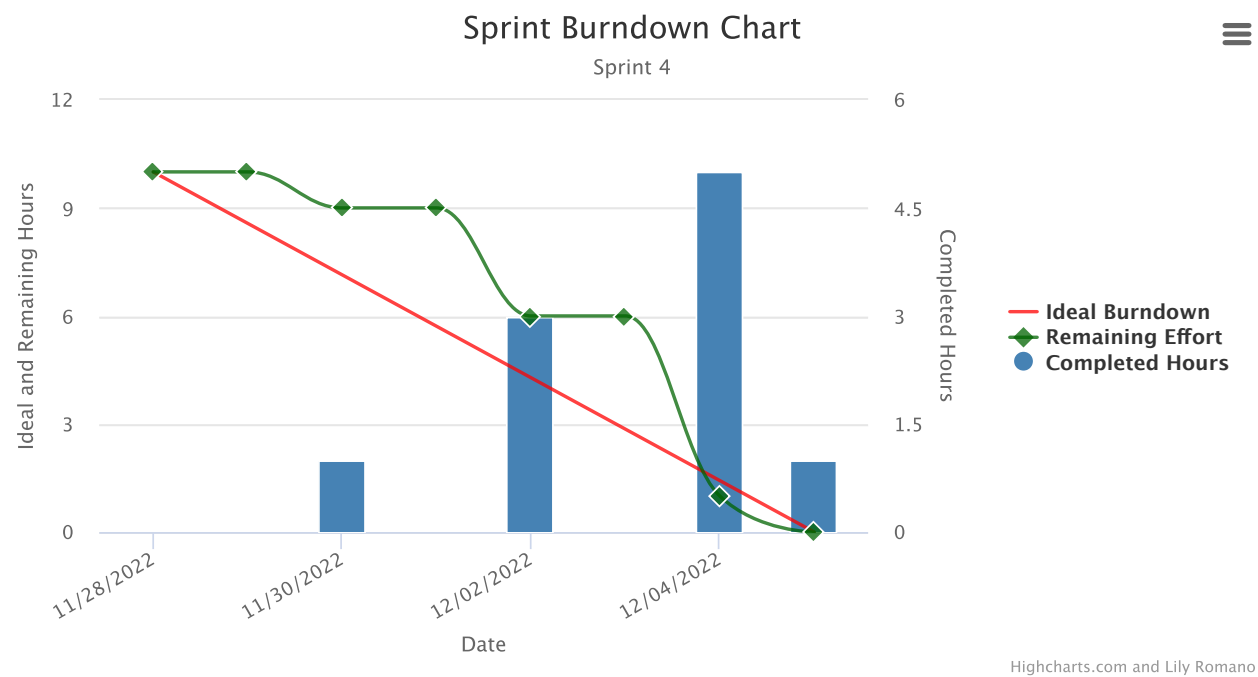**What went well in the sprint?**
We finally created a final working version.

What could be improved?
We could've improved with encryption.

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

Sprint Burndown Chart
Sprint 4

Highcharts.com and Lily Romano

Personas

Mathilde Christensen

Quote

"I have so many people that want to talk to me, 24/7!"

Narrative

Mathilde is a social media influencer with over 1 million followers. It's hard for her to find time to talk to some of her followers; however, when

she does, she wants an

Krystian Haukedal

Quote

"Can't let these secrets fall into the wrong hands!"

Narrative

Krystian is a spy working for the government. He needs a way to communicate secrets with his colleagues without his messages being read by the wrong people.

efficient and friendly way to communicate with her fans.

Kaya Çapanoğlu

Quote

"I need a way to communicate with my clients on a secure, private messaging application."

Narrative

Kaya is a drug dealer who needs a platform to communicate with his clients. He has already been to jail once and doesn't want to be caught up again. He has to have his messages disappear during and after talking with his clients.

Aaron Denis

Quote

"I hate going out at night; however, I want to feel like I am a part of my school's community."

Narrative

Aaron Denis grew up as an introverted, intelligent person. Now, as a college student, he doesn't feel comfortable going out to parties or meeting people in real life. So, Aaron wants a way to be engaged in the school community without leaving the comfort of his own dorm room.

Table of Work

Search:

Showing 1 to 22 of 22 entries

Title	Type	Est.	Spent
Closed (22)		61 h, 45 m	0
Sprint 1 (6)		23 h, 15 m	23 h, 15 m
Client-Server	Spike	5 h	5 h

Title	Type	Est.	Spent
CRC Cards / Initial Classes	Design Need	1 h, 30 m	1 h, 30 m
Screenbuilder	Spike	4 h	4 h
Server-Client Classes	Technical Task	1 d, 30 m	1 d, 30 m
Testing gitlab and IntelliJ	Technical Task	15 m	15 m
User Interface	Design Need	4 h	4 h
Sprint 2 (5)		**17 h**	**17 h**
Controller Class for Gui	Technical Task	4 h	4 h
Server-Client Classes	Technical Task	2 h, 30 m	2 h, 30 m
UI Design	Design Need	3 h	3 h
User Interface	Design Need	4 h, 30 m	4 h, 30 m
user interface	Technical Task	3 h	3 h
Sprint 3 (4)		**11 h, 30 m**	**0**
Chat Room	User Story	0	0
Controller Class for Gui	Technical Task	4 h	4 h
Encryption	Technical Task	6 h	6 h
User Interface	Design Need	1 h, 30 m	1 h, 30 m
Sprint 4 (6)		**10 h**	**0**
Chat Room	User Story	0	0
Controller Class for Gui	Technical Task	0	0
Controller Class for Gui	Technical Task	1 h	1 h
Encryption Bug	Bug	0	0
Text Color	Design Need	4 h	4 h
User name bug	Bug	5 h	5 h
Backlog (1)		**0**	**0**
Text Color	Design Need	0	0

Daily Scrum

11/4/22

- We began working on a proposed UML diagram
- Actively learning socket programming and networks
- Accomplished setting up gitlab, AIECODE

11/6/22

- We set up our initial classses and UML
- Started coding and getting general Intellij setup
- Code Inspiration

11/7/22

- Tested our program. Listed bugs we need to work on.

11/9/22

- Today, we started Sprint 2. We decided we weren't happy with the amount of time we were spending on the project.
- For our next sprint, we need to setup a GUI.

11/14/22

- We finally setup our GUI with SceneBuilder.
- We are now beginning to implement controls with our GUI.