Project Summary

csci205_final_project

Project Details

Members

- Andrew Passero
- Patrick Quinlivan
- Yuqin Yang

Project Retrospective

What was your initial goal?

Create a program that allows users to store resources in an easy to use way

What did you achieve?

We completed that goal although it fell short of some of the farther fetched ideas that we wanted.

What went well in the project?

Team collaborated really well, everybody contributed and we got done what we set out to do.
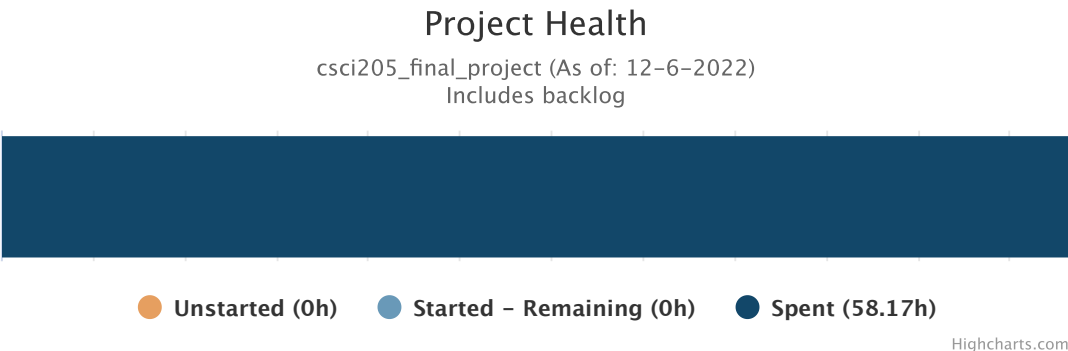
What could be improved?

The team can do a better job of learning the code base so that everybody has a chance to contribute to the code.

What would you change if you did the project again?

The team should have spent a bit more time at the beginning of the project so that some farther fetched goals could be reached
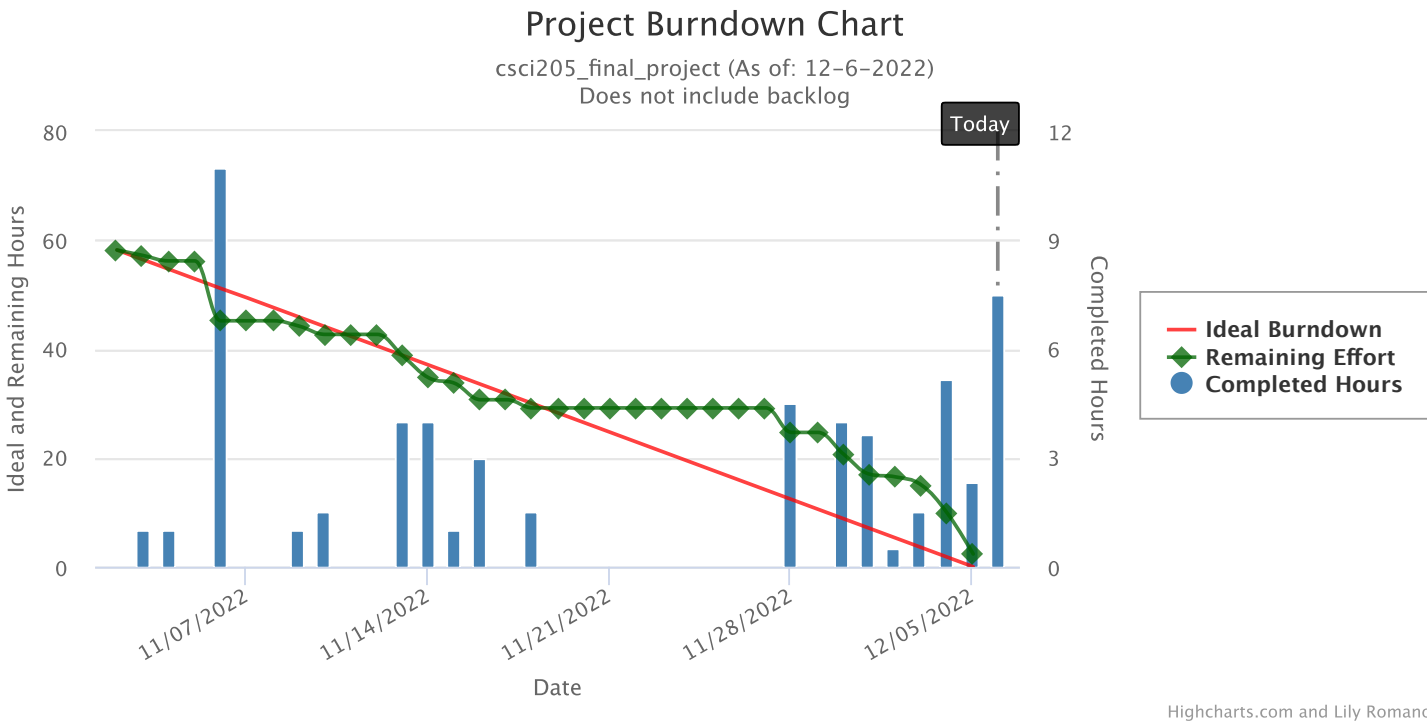
Charts

Health Bar
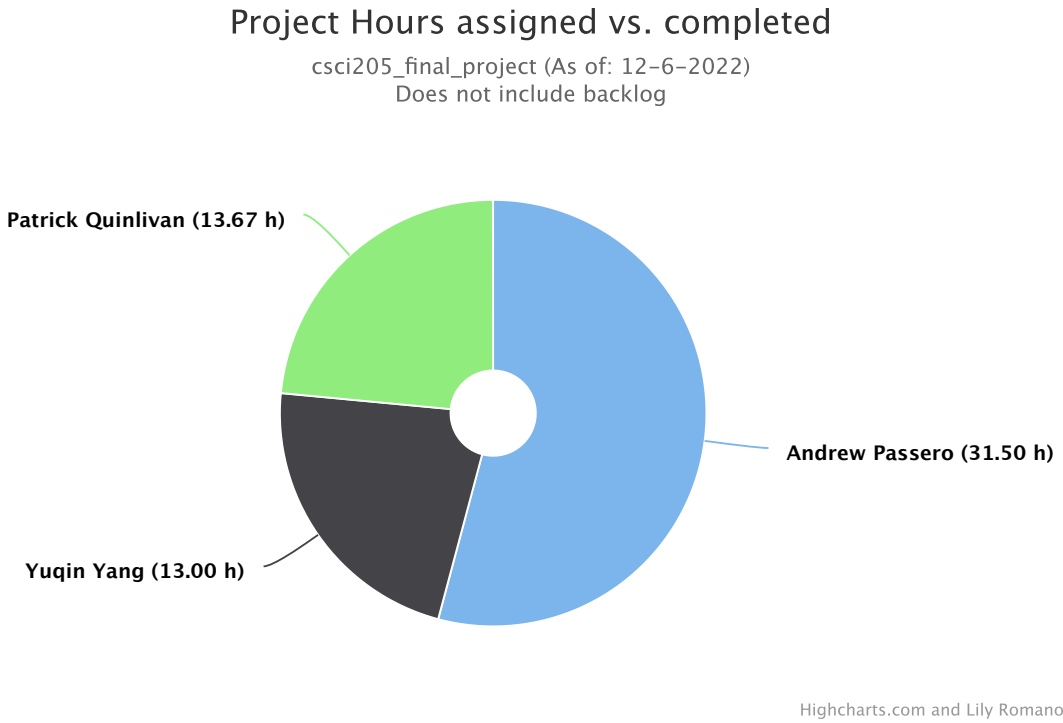
Project Health

csci205_final_project (As of: 12–6–2022)
Includes backlog

🟠 Unstarted (0h)   🔵 Started – Remaining (0h)   🔵 Spent (58.17h)

Highcharts.com

Everybody spent a lot on this averaging 20 hours per person.

Burndown Chart

Project Burndown Chart
csci205_final_project (As of: 12-6-2022)
Does not include backlog

Highcharts.com and Lily Romano

Team did a good job of finishing all assigned tasks. Although some more time could be put in over that week that was Thanksgiving break, overall we are pretty pleased with it.

Assignee Chart

Project Hours assigned vs. completed
csci205_final_project (As of: 12-6-2022)
Does not include backlog

Patrick Quinlivan (13.67 h)

Andrew Passero (31.50 h)

Yuqin Yang (13.00 h)

Highcharts.com and Lily Romano

Team did a good job contributing.

Name	User Stories	Bugs	Tech. Tasks	Design Tasks	Spikes	Doc.
Andrew Passero	0	0	26.5	3.5	0	1.5

Name	User Stories	Bugs	Tech. Tasks	Design Tasks	Spikes	Doc.
Patrick Quinlivan	0	0	13.67	0	0	0
Yuqin Yang	0	0	5	8	0	0

Sprints

Sprint 1

Dates:
11-2-2022 to 11-9-2022
Review:
What went well in the sprint?
We have a good base to continue building upon for the rest of the project.
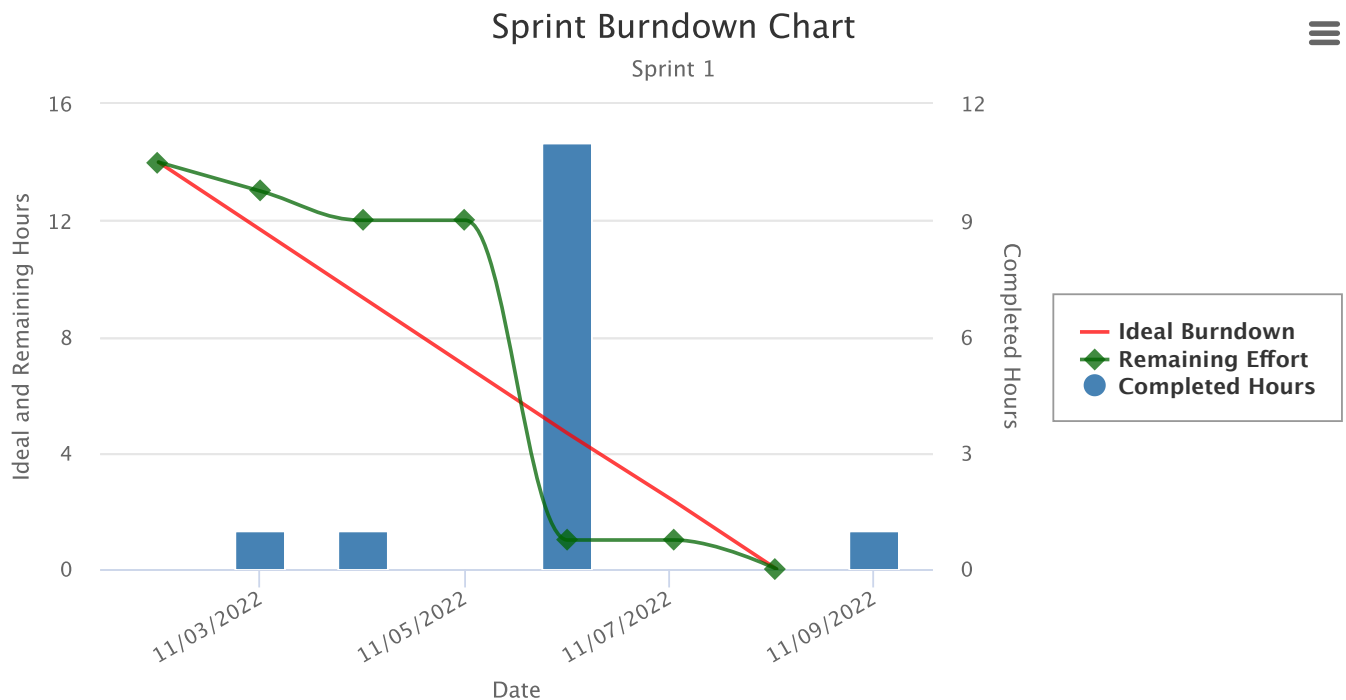
What could be improved?
The team as a whole needs to start putting in a little bit more time so we can have a good product by the end of the project.

Are you on track? What is your plan if not?
I would say we are still on track but we plan to start putting in a little more work to try and get things moving a little bit faster

What will you improve on in the next sprint?
Scrum master will do a better job of getting more relevant tasks to people who may not have something to do at certain times.

Sprint Burndown Chart
Sprint 1

Legend:
— Ideal Burndown
—◆— Remaining Effort
● Completed Hours

Highcharts.com and Lily Romano

Sprint 2

Dates:
11-9-2022 to 11-16-2022
Goal:
Get the application to a point where it can be run and used by a user.
Review:
What went well in the sprint?
Team got a functional programming that works for what we want it to do.
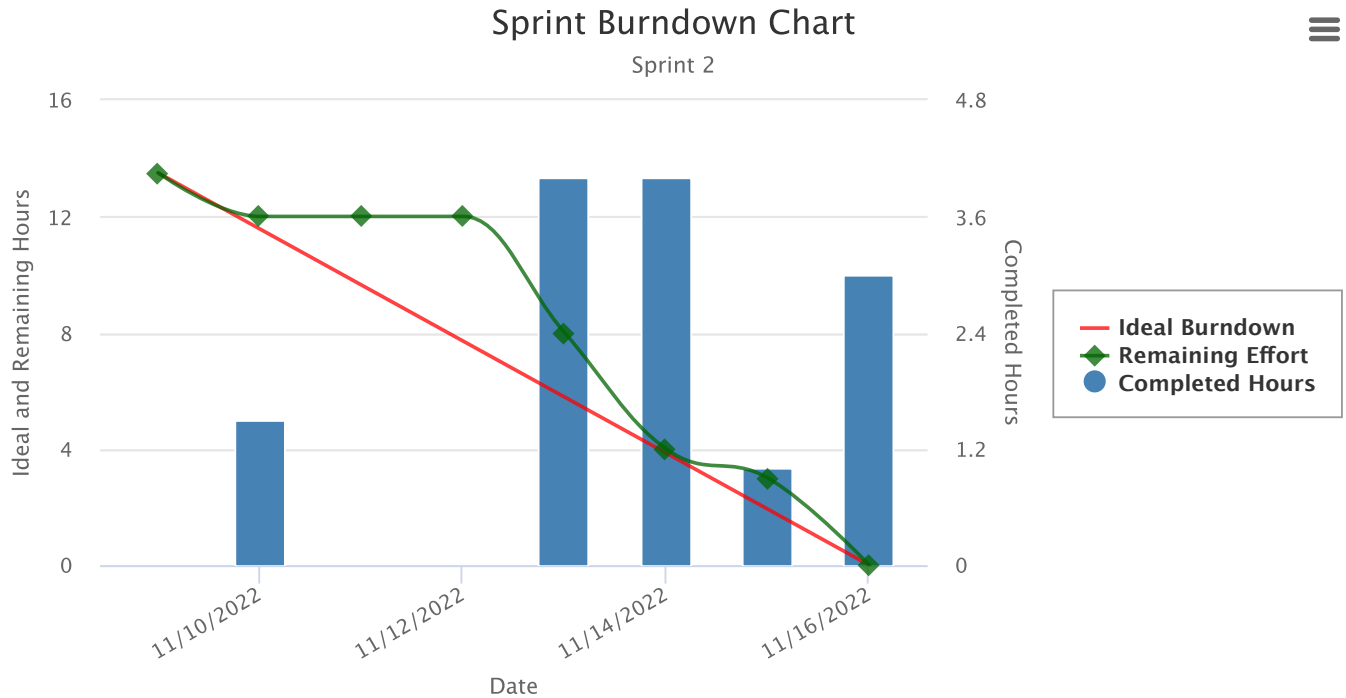
What could be improved?
Design of the entire system needs be improved significantly.

Are you on track? What is your plan if not?
Yes we are on track.

What will you improve on in the next sprint?
We are going to come up with a name of the app. We can work on communicating using Discord more often to work on the design

Sprint Burndown Chart — Sprint 2

Highcharts.com and Lily Romano

Sprint 3

Dates:
11-16-2022 to 11-28-2022
Goal:
DESIGN!!
Review:
What went well in the sprint?
Mapped out the remaining tasks required to complete the project.

What could be improved?
We needed to spend more time over the break working on the project. We failed to commit enough time to get anything substantial done during the sprint.

Are you on track? What is your plan if not?
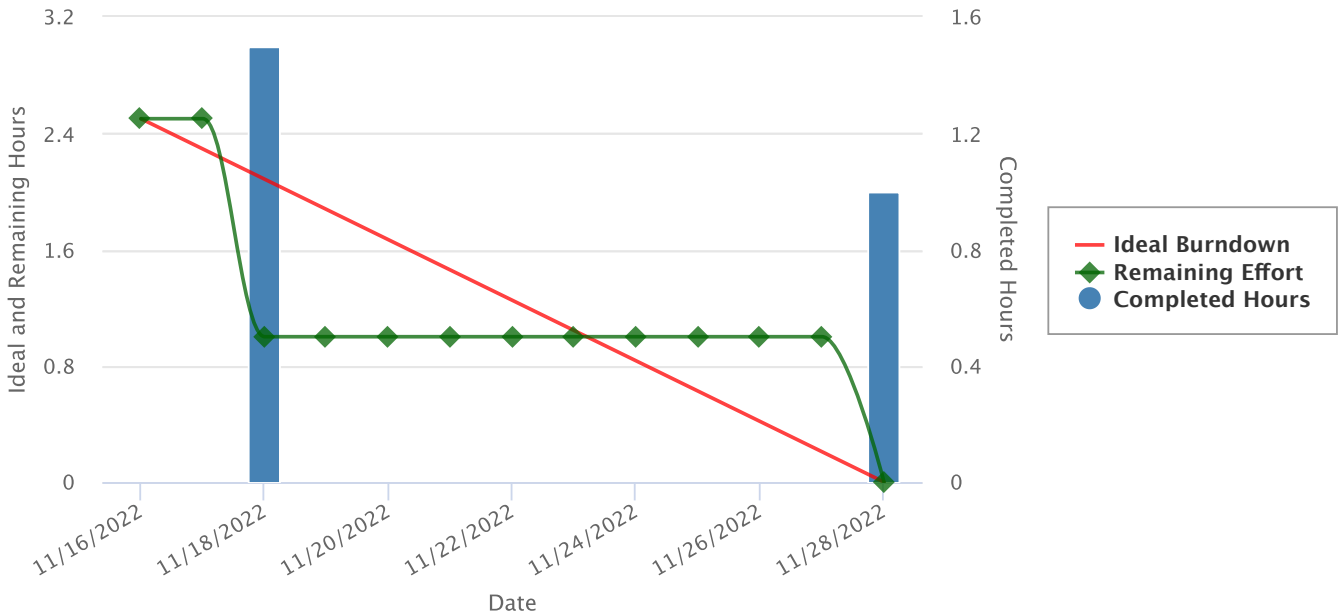As a whole we're still on track, The team just needs to put in a little bit more work this coming week.

What will you improve on in the next sprint?
We will commit more time as a team to finishing our required tasks.

Sprint Burndown Chart

Sprint 3

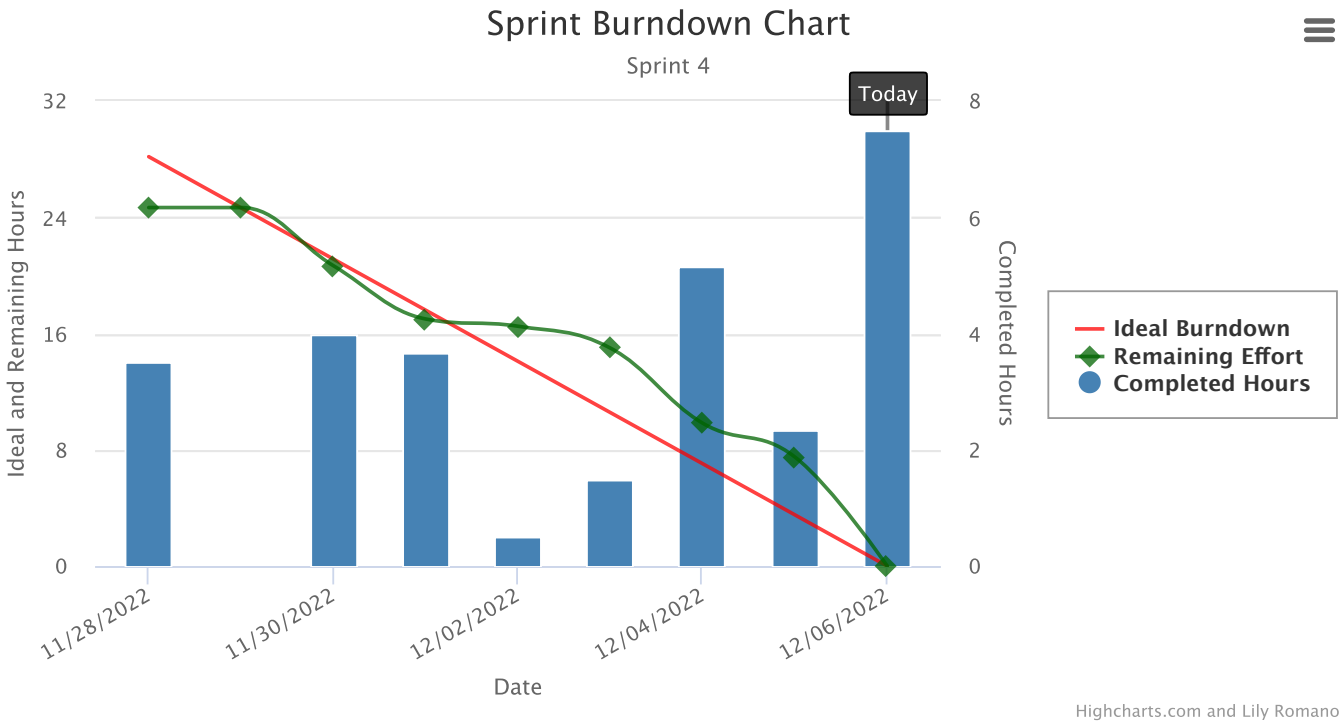Highcharts.com and Lily Romano

Sprint 4

Dates:
11-28-2022 to 12-6-2022
Goal:
Finish strong!
Review:
What went well in the sprint?
Did a really good job of finishing up on time

What could be improved?
Not much team agrees it was best sprint

If you were to continue the project, what would you improve on in the next sprint?
We would update functionality to include more features that allow the user to do more.

Sprint Burndown Chart

Highcharts.com and Lily Romano

Personas

Fatma Akgül

Quote

I am gaining so much useful information throughout this process but I can never find all these resources

Narrative

Fatma is looking for a software engineering job. She has taken multiple networking calls, read a ton of useful articles about applications and resumes, and has even watched tiktoks that give good examples of good responses to interview questions. She needs an a way to organize all of these resources in a way that is easy to use and track resources.

Anna Adam

Quote

I am always learning new things about the industry that I can teach my students but I always lose track of all the useful resources I find.

Narrative

I can use this application to organize and can have categories for teaching, research and cooking. Within the teaching node she can have all his classes and within each class he could store articles that he finds relevant to the content of each. The structure of the application will be exactly like a file tree and will provide frameworks for storing all the different types of resources in a way that is relevant to the resource. For example a video resource object can contain a link along with a time stamp of the useful information for easy access. She can organize between resources for her research, different classes, and even add her own personal resources like cooking tutorials and recipes.

Table of Work

Showing 1 to 41 of 41 entries
Search:

Title	Type	Est.	Spent
closed (41)		58 h, 10 m	0
Sprint 1 (6)		14 h	14 h
Become comfortable with JavaFX scene builder	Technical Task	4 h	4 h
Begin working on home screen view	Technical Task	3 h	3 h
Create UML diagram for the Model	Design Need	1 h	1 h
Design initial category view	Technical Task	1 h, 30 m	1 h, 30 m
Implement base Resource class	Technical Task	2 h, 30 m	2 h, 30 m
Implement CategoryNode class	Technical Task	2 h	2 h
Sprint 2 (11)		13 h, 30 m	0
"Add default resource"	Technical Task	30 m	30 m
"Add Web resource" view	Technical Task	30 m	30 m
Add category view	Technical Task	30 m	30 m
Begin implementation of controller for multiple scenes	Technical Task	3 h, 30 m	3 h, 30 m
Create initial model	Technical Task	2 h	2 h
Create UML diagram for the Model	Design Need	0	0
Design initial category view	Technical Task	1 h, 30 m	1 h, 30 m
Implement saving data locally	Technical Task	2 h	2 h
Research SceneBuilder controller set up for multiple scenes	Design Need	0	0
Set up controllers with model	Technical Task	3 h	3 h
UML Use Case diagram	Design Need	0	0
Sprint 3 (8)		2 h, 30 m	0
"Add default resource"	Technical Task	30 m	30 m
"Add Web resource" view	Technical Task	30 m	30 m
Add category view	Technical Task	30 m	30 m
Begin making updates to design of app	Technical Task	0	0
Create UML diagram for the Model	Design Need	0	0
Implement saving data locally	Technical Task	0	0
Set up controllers with model	Technical Task	1 h	1 h
UML Use Case diagram	Design Need	0	0
Sprint 4 (14)		28 h, 10 m	28 h, 10 m
Add Resource Menu	Technical Task	2 h	2 h
Begin making updates to design of app	Technical Task	1 h, 10 m	1 h, 10 m
CRC cards	Design Need	30 m	30 m

Title	Type	Est.	Spent
Create features for pdf/default resources	Technical Task	6 h	6 h
Create UML diagram for the Model	Design Need	2 h	2 h
delete object button	Technical Task	2 h	2 h
Docs/DesignManual.pdf	Design Need	1 h	1 h
docs/userManuel.pdf	Design Need	4 h	4 h
Implement saving data locally	Technical Task	1 h	1 h
JavaDoc	Documentation	1 h, 30 m	1 h, 30 m
Readme	Design Need	1 h	1 h
UML Use Case diagram	Design Need	2 h	2 h
Unit Tests for important classes	Technical Task	1 h	1 h
Web resource features and view	Technical Task	3 h	3 h
Backlog (2)		0	0
Learn and set up either SQL or firebase as databse	Technical Task	0	0
Learn/begin setup for tomcat server to run application	Technical Task	0	0

Daily Scrum

Daily Scrum Notes

Friday, Nov 4 **Andrew** - Previously set up gitlab, AIE code and made two User personas and began distributing tasks. Over the next couple of days will begin to make UML diagram and figure out if this app will be on a website with a data base or stored as a java app locally. **Yuqin** - Going to start learning javaFX scene builder, Begin work on a Category page, **Pat** - I opened lab 11 and used the lab 11 document to practice with scene builder and tried to do a few of my own thing I also read an article on tips and tricks on JavaFX scene builder with IntelliJ. In the next couple of days I will continue to familarize myself with JavaFX and begin working on the home page task.

Monday, Nov 7 **Andrew** - Worked on the model and getting it to be set up with webview, made uml diagram, still need to update uml diagram and start work on controller **Yuqin** - Worked on the category view after watching videos on youtube, will work on getting the view displayed in java. **Pat** - Watched videos on scene builder, began to use scene builder in intelliji, crashed, used scene builder application, began working on the home page. Going to start getting into a scene and stage to be viewed in javaFX.

Wednesday, Nov 9 **Andrew** - Everyone did sprint review **Yuqin Pat**

Friday, Nov 11 **Andrew** - Has been working on the design of the model, UML diagram and has made minor upgrades to the model. Plans on working on the controller connecting the model to the view. **Yuqin** - Continued to work on category view. Is going to begin work on the general resource view **Pat** - Has been working on creating models and scenes that can swtich back and forth. Will continue with this until we have a runnable application.

Mon, Nov 28 **Andrew** Everybody did sprint review **Yuqin Pat**

Wed, Nov 30 **Andrew** Worked on controllers, serialization of data for app use, and researched RichTextEditors for inside of each resource. Will work on finishing functionality for all resources.. **Yuqin** Worked on UML use case diagram and made good progress. In the next few days will make minor changes to UML use case diagram. Will begin working on the userManual and DesignManual. **Pat** Created menu button for adding resources. Will finish the button actions now. After will begin working on the delete button and scatter in some design if you get a chance.

Friday, Dec 2 **Andrew** Finished the functionality for the resources, and the controllers/functionality for creating new resources. Going to start working on design, unit tests, javadoc and finishing everything else. **Yuqin Pat** Worked on the add resource menu buttons with switching views. Started looking at model to prepare for creating delete resource buttons.

Mon, Dec 5 **Andrew** Did a lot of work on design and last minute functionality, finished javaDoc, will do unit tests, finish last minute design, UML diagram, make sure rest of documentation gets finished **Yuqin** Will Finish UserManual,

DesignManual, ReadME. Finished UML Case diagram for today. **Pat** Finish making design look good, add screenshots and fix homepage, add new name GOrganize