Milestones:

- Research and discovery: For this part we are going to figure out what kind of project we want to create. The languages we are going to use. And the platform we want to put the project on.
- Project Planning: This is focused on division of labor and prioritizing what work is most important to be completed.
- User Diagram: Creating the users lifecycle while using the app.
- Graphic Design: Create the interface and layout of the app, logo. Color schemes to standout.
- Development: Create all desired functionality, database and API.
- Testing: Run app and check for bugs and functionality issues.
- Launch: Upload finished app

Timeline:

Task and Milestones	Start Date	Completion Date
Develop an initial app will be the responsibility of Chris	October	October
Meyer	2021	2021
Test app for any visual bugs or other changes required will	March	April
be the responsibility of Alex Mezcua	2022	2022
Upload Prototype of app will be the responsibility of Chris	April	April
Meyer	2022	2022
Design screen layouts will be the responsibility of Chris	October	January
Meyer	2021	2022
Document progress and changes to project will be the	September	April
responsibility of Abele Abdi	2021	2022
Develop requirement tracker in GitHub repository will be	October	April
the responsibility of Chris Meyer	2021	2022
Validate code's security will be the responsibility of	December	April
Nicholas Ruth	2021	2022
Providing user's access for web application will be	October	April
responsibility of Prayag Pandit	2021	2022
Develop database for users in the application will be	October	April
responsibility of Prayag Pandit	2021	2022
Investigate possible problems with web applications will be	November	April
the responsibility of Prayag Pandit	2021	2022
General troubleshooting for web application will be the	December	April
responsibility of Prayag Pandit	2021	2022

Tracking/monitoring the web application's outgoing and incoming network activity by utilizing security notifications, ping tools, and Wi-Fi analyzer as needed will be the responsibility of Prayag Pandit	November 2021	April 2022
Research possible improvements / additions to the app will be the responsibility of Alex Mezcua	September 2021	March 2022
Investigate whether Android, iOS (mobile), or Web would be better for the app will be the responsibility of Alex Mezcua	September 2021	September 2021
Refine prototype to minimize users' input will be the responsibility of Alex Mezcua	March 2022	April 2022
Document code styling for readable code and consistency will be the responsibility of Alex Mezcua	November 2021	January 2022
Developing the user interface for an activity will be the responsibility of Abele Abdi	January 2022	April 2022
Identify which technology stack to use will be the responsibility of Abele Abdi	October 2021	April 2022
Developing efficient code will be the responsibility of Abele Abdi	October 2021	November 2021
Identifying areas for modification in existing programs and subsequently recorded these modifications will be the responsibility of Abele Abdi	January 2022	April 2022
Investigate if we can implement a technology such as the cloud to assist our application Nicholas Ruth	November 2021	December 2021
Implement the best security practices to keep user data confidential Nicholas Ruth	November 2021	April 2022
Develop infrastructure that allows our application to pull data and get its resources Nicholas Ruth	October 2021	February 2022
Design our network to be security focused to analyze traffic coming in and minimize breaches Nicholas Ruth	January 2022	April 2022
Develop and assist with design of the backend infrastructure of the application Nicholas Ruth	October 2021	April 2022
Developing the database schema for users and items will be the responsibility of Chris Meyer	October 2021	October 2021

Matrix:

Task and Milestones	Start Date	Completion	Effort
		Date	

Develop an initial app will be the responsibility of Chris Meyer	October 2021	October 2021	Chris: 20% Abele: 20% Prayag: 20% Alex: 20% Nick: 20%
Test app for any visual bugs or other changes	March	April	Alex: 50%
required will be the responsibility of Alex	2022	2022	Abele: 25%
Mezcua			Nick: 25%
Upload Prototype of app will be the	April	April	Chris: 75%
responsibility of Chris Meyer	2022	2022	Prayag: 25%
Design screen layouts will be the responsibility	October	January	Chris: 75
of Chris Meyer	2021	2022	Alex: 25%
Document progress and changes to project will	September	April	Alex: 25%
be the responsibility of Abele Abdi	2021	2022	Abele: 75%
Develop requirement tracker in GitHub	October	April	Chris: 50%
repository will be the responsibility of Chris	2021	2022	Prayag: 50%
Meyer	D 1	A '1) I' 1 750/
Validate code's security will be the	December	April	Nick: 75%
responsibility of Nicholas Ruth	2021	2022	Chris: 25%
Providing user's access for web application will	October 2021	April 2022	Prayag: 75%
be responsibility of Prayag Pandit	October		Chris: 25%
Develop database for users in the application	2021	April 2022	Prayag: 50%
will be responsibility of Prayag Pandit			Nick: 50%
Investigate possible problems with web applications will be the responsibility of Prayag	November 2021	April 2022	Prayag: 75% Chris: 25%
Pandit	2021	2022	CIIIIS. 2570
General troubleshooting for web application	December	April	Prayag: 50%
will be the responsibility of Prayag Pandit	2021	2022	Abele: 50%
Tracking/monitoring the web application's	November	April	Prayag: 50%
outgoing and incoming network activity by	2021	2022	Nick: 25%
utilizing security notifications, ping tools, and			Abele: 25%
Wi-Fi analyzer as needed will be the			
responsibility of Prayag Pandit			
Research possible improvements / additions to	September	March 2022	Alex: 50%
the app will be the responsibility of Alex	2021		Chris: 50%
Mezcua			
Investigate whether Android, iOS (mobile), or	September	September	Alex: 50%
Web would be better for the app will be the	2021	2021	Abele: 50%
responsibility of Alex Mezcua			
Refine prototype to minimize users' input will	March	April	Alex: 50%
be the responsibility of Alex Mezcua	2022	2022	Chris: 50%

Document code styling for readable code and	November	January	Alex: 75%
consistency will be the responsibility of Alex	2021	2022	Chris: 25%
Mezcua	2021	2022	CIII 15. 2570
Developing the user interface for an activity	January	April	Abele: 50%
will be the responsibility of Abele Abdi	2022	2022	Prayag: 50%
	-	_	Abele: 75%
Identify which technology stack to use will be	October	April	
the responsibility of Abele Abdi	2021	2022	Prayag: 25%
Developing efficient code will be the responsibility	October	November	Abele: 20%
of Abele Abdi	2021	2021	Chris: 20%
			Alex: 20%
			Prayag: 20%
			Nick: 20%
Identifying areas for modification in existing	January	April	Abele: 75%
programs and subsequently recorded these	2022	2022	Chris: 25%
modifications will be the responsibility of			
Abele Abdi			
Investigate if we can implement a technology	November	December	Nick: 60%
such as the cloud to assist our application	2021	2021	Abele: 20%
Nicholas Ruth			Prayag: 20%
Implement the best security practices to keep	November	April	Nick: 100%
user data confidential Nicholas Ruth	2021	2022	
Develop infrastructure that allows our	October	February	Nick: 33.3%
application to pull data and get its resources	2021	2022	Abele: 33.3%
Nicholas Ruth			Prayag: 33.3%
Design our network to be security focused to	January	April	Nick: 50%
analyze traffic coming in and minimize	2022	2022	Prayag: 50%
breaches Nicholas Ruth			114,45.00/0
Develop and assist with design of the backend	October	April	Nick: 50%
infrastructure of the application Nicholas Ruth	2021	2022	Alex: 25%
Developing the database schema for users and	October	October	Chris: 100%
items will be the responsibility of Chris Meyer	2021	2021	Ciii 18. 100/0
ments with be the responsibility of Chris Meyer	2021	2021	