

CS3338 Group 3 Design Specification

Want2Remember

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1 Snapshot Objectives

Objective: Our main objective is to develop a product that will support the performance of our user's short-term memory capabilities.

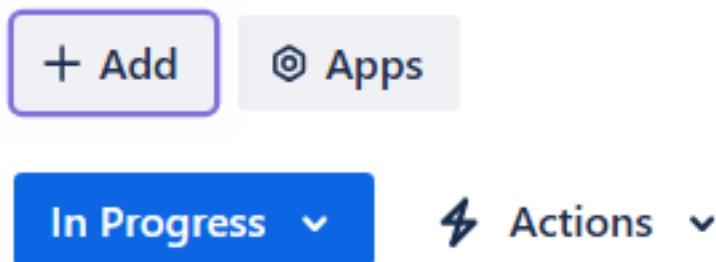
1.1 Snapshot 1

Delegation: Initial feature to be completed: **Home Page**

Dependencies:

- JavaScript
- ReactJS
- GitHub
- JIRA and Agile Development Technology
- Firebase

Memory Home Page - Feature (1)



Description

The home page shall allow the user to view, search, filter, and edit memories. Additionally, the user shall be able to navigate the interface intuitively.

GROUP PI Increment 24.1

Develop Home Page



JH

G

PR

JG



Label ▾

Type ▾

TO DO

+ Create issue

IN PROGRESS 4

Memory Home Page - Feature (1)

GROUP-4



Edit Memories from Home Page - User Story (3) (Memory Home Page)

GROUP-8

JH

Filter Memories - User Story (3) (Memory Home Page)

GROUP-7

PR

Search Memories - User Story (3) (Memory Home Page)

GROUP-6

JG

DONE 2 ✓

GitHub Initialization / Branch Instantiation (3)



TechStory

GROUP-1

✓

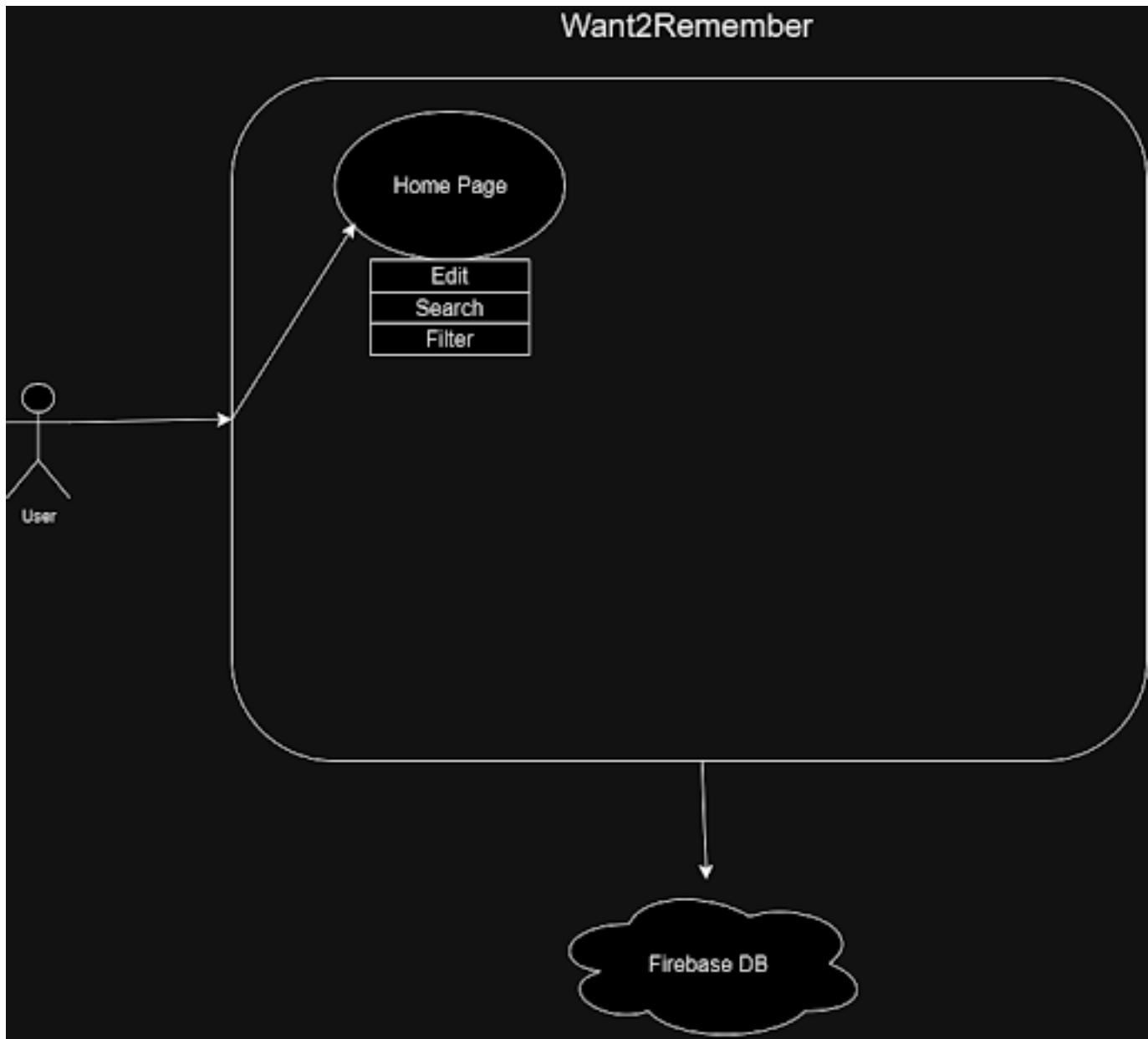
JH

Display Memories - User Story (3) (Memory Home Page)

GROUP-5

✓

G



Description: The outer boundary represents the scope of the Want2Remember Product. Within shows different features as bubbles and their associated functionality as a table below. Outside of the boundary are external functionalities. The arrows represent the data flow of the product.

1.2 Snapshot 2

Objective: To create a page that will allow users to create memories that can later be accessed from the DB.

Dependencies Added :

- TestRail

Memory Creation Page - Feature (1)

+ Add

📌 Apps

Description

Shall allow the user to create Memories that can later be accessed from the DB.

Projects / Group3Final

GROUP PI Increment 24.2

Develop Memory Creation Page

🔍 Search



JH

JG

G



Type ▾

TO DO

+ Create issue

IN PROGRESS 2

Memory Creation Page

GROUP-9



Post Form Data to DB - User Story (3) (Memory Creation Page)

GROUP-12



DONE 3 ✓

Create Memory Button - User Story (3) (Memory Creation Page)

GROUP-10



Create Memory Form w/ User Input - User Story (3) (Memory Creation Page)

GROUP-11



Test Run 12/10/2024



GROUP-15



+ Create issue

Test Run 12/10/2024

[+ Add](#)[© Apps](#)

Description

Testing functionality of Memory Creation Page

TestRail: Results

Tuesday, December 10, 2024

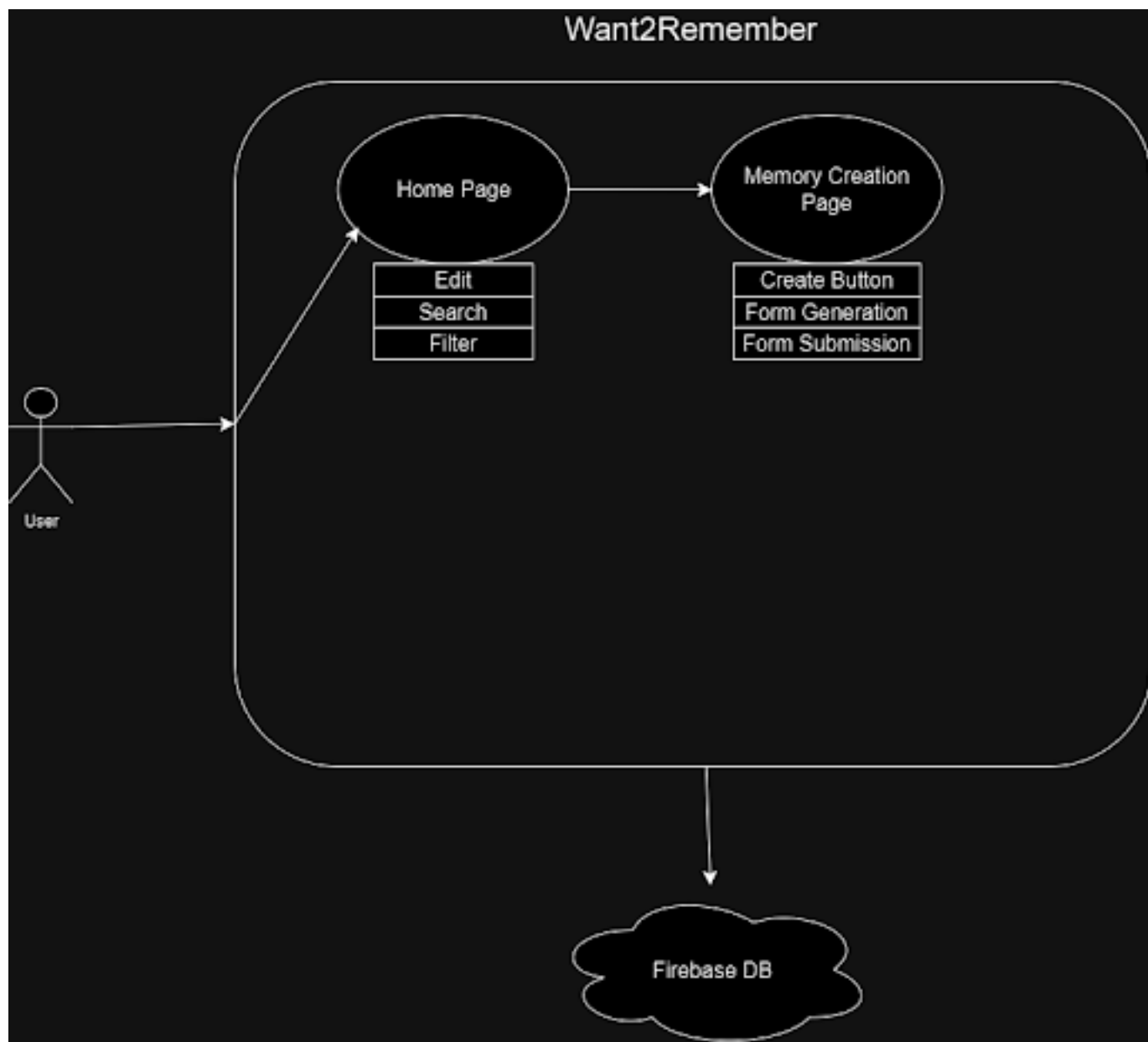
[All Results](#) [Tests](#) [Cases](#) [Runs](#) [Plans](#) [Milestones](#)

R1

Test Run 12/10/2024










- **2 Passed**
67% set to Passed
- **0 Blocked**
0% set to Blocked
- **0 Retest**
0% set to Retest
- **1 Failed**
33% set to Failed



1.3 Snapshot 3


Objective: Complete the More Detail Page.

 Add epic /  GROUP-17


  1   ... 


More Detail Page - Feature (2)

+ Add

 Apps

To Do ▾

 Actions ▾






 Approvals

Description

The more detail page will show the user all the details of the memory as well as the option to edit the information

Projects / Group3Final



GROUP PI Increment 24.3



     Type ▾

TO DO



+ Create issue



IN PROGRESS 2



More Detail Page - Feature (2)
 GROUP-17 



Post Form Data to DB - User Story (3) (Memory Creation Page)
 GROUP-12 

DONE 4 ✓

Memory Creation Page - Feature (1)
 GROUP-9 ✓ 

Create Dropdown That Allows For Edits or Deletion of Memory - User Story (3) (More Detail Page)
 GROUP-19 ✓ 



Ensure That Each Update To The Memory Is Logged - User Story (3) (More Detail Page)
 GROUP-20 ✓ 






Create Path Between Memory Tile and It's Larger Description - User Story (3) (More Detail Page)
 GROUP-18 ✓ 



1.4 Snapshot 4

Objective: Memory Contact Page

 Add epic /  GROUP-21

  1   ... 

Memory Contact Page - Feature (3)

+ Add 📱 Apps

In Progress ▾ ⚡ Actions ▾ 👤 Approvals

Description

The memory contact page will show the information of contacts the user has saved

Projects / Group3Final

GROUP PI Increment 24.4

Type ▾

Sprint 1 ▾


Clear filters


TO DO

+ Create issue

IN PROGRESS 1 OF 3


Memory Contact Page - Feature (3)


 GROUP-21




DONE 3 OF 7 ✓


Create Button That Saves Contacts - User Story (3) (Memory Contact Page)

 GROUP-23


✓ 


Create Path Between Contact and It's Related Information - User Story (3) (Memory Contact Page)

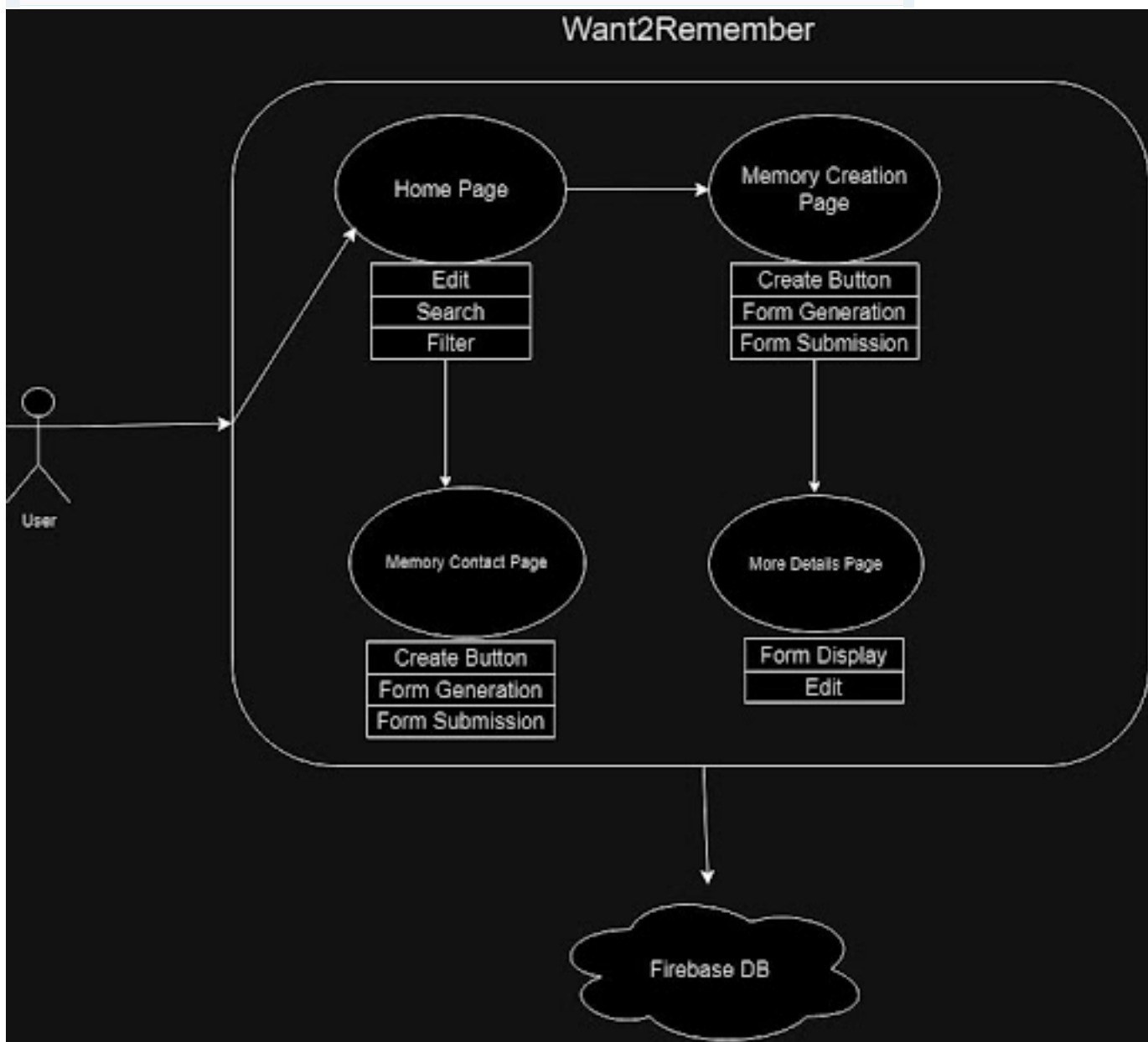
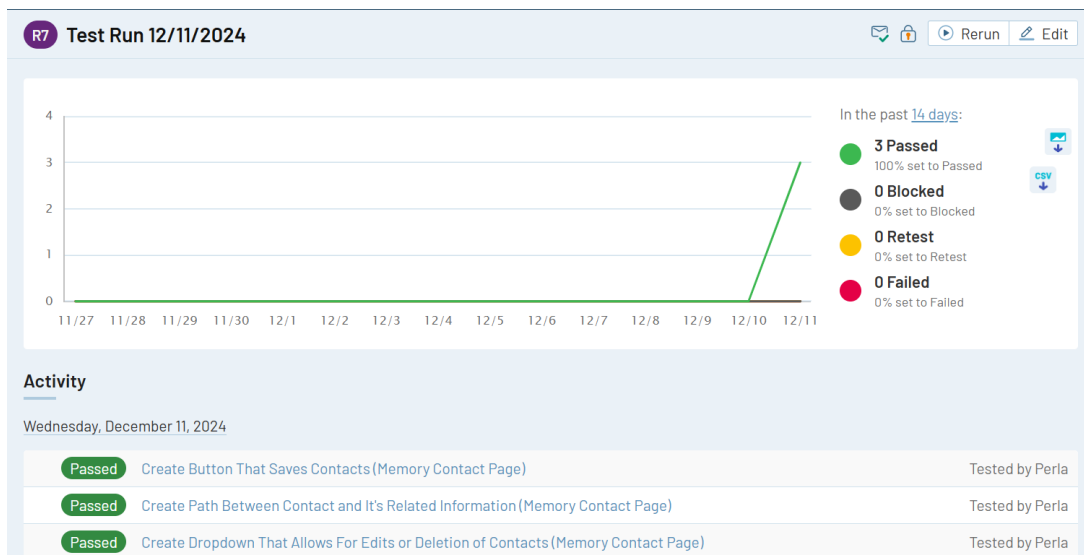
 GROUP-24

✓ 

Create Dropdown That Allows For Edits or Deletion of Contacts- User Story (3) (Memory Contact Page)

 GROUP-25

✓ 



2 Design Breakdown

2.1 Home Page

Purpose:The home page will provide navigation to other pages and a brief overview of created memories.

Features:

- List of all memories created by the user, displayed with details like title and date.
- Intuitive interface to ensure ease of use for users.
- Links to navigate to Memory Creation, More Detail, and Memory Contact pages.

2.2 Memory Creation Page

Purpose:Allows users to create and save new memories with detailed information.

Features:

- Form for memory input, including fields like title, description, tags, and categories.
- Firebase integration to store data in a secure backend.

2.3 More Detail Page

Purpose: The More Detail Page will show the user all the details of the memory as well as the option to edit the information

Features:

- Displays all details of a selected memory.
- Edit button to allow modifications to the memory's title, description, or other fields.
- Navigation back to the Home Page or other pages after editing.

2.4 Memory Contact Page

Purpose:The Memory Contact Page will show the user all contacts they have saved

Features:

- Displays all saved contacts relevant to the user's memories.y.
- Option to add, edit, or delete contact details.
- Links to a detailed contact view for individual contact information.

3 Development Tools

- **JavaScript and ReactJS:** Used for front-end development.
- **GitHub:** Version control and collaboration.
- **JIRA:** Task tracking and Agile development.
- **Firebase:** Backend as a service for authentication and database management.

4 Future Work

- **Improve Caregiver Features:** Some of the features that will help caregivers include GPS tracking of supported users and automatic role assignments. Another feature includes allowing the caregiver to remotely control the user's app to showcase to the care receiver how to perform a specific task.
- **Medication Tracking:** Users will be able to set up reminders for medication and medication administration and save things like proofs of prescriptions.
- **Machine Learning/AI Features:** This can include using AI to improve interactivity with the app or implementing smart reminders that can further support people with cognitive impairments.