Sprint 4 Plan

Product: Remember Me

Team Name: RememberMe

Revision: 05/19/2021

High Level Goal(s): For Sprint 4, we want to be able to recognize faces and names of users contacts. Once recognized, contact information should be presented to users.

User Stories:

- As a user, I would like assistance in recognizing the faces and names of recorded individuals - (8)
- As a user, I would like to pull up their contact information through facial scanning - (5)

Team Roles:

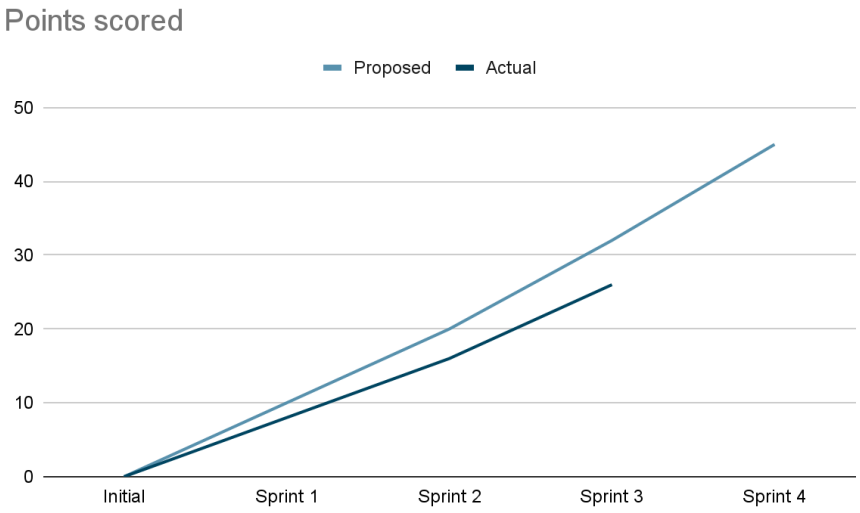
- Dillon Lee: Developer, Researcher
- Sarah Liang: Developer, Researcher
- Gareth Samadhana: Researcher, Developer, Data manager
- Gavril Tango: Researcher, Developer, Data manager, Scrum Master
- Grant Fu: Product Owner, Researcher, Task manager

Initial Task Assignment:

- Dillon Lee: Connect notes to the contact list
    - Initial Task: When a user presses a contact, it goes to the notes of that contact
    - Make the notes page look neat by using frameworks such as Material UI
- Sarah Liang: Improve interface for ease of use
    - Initial Task: Fix react-native bugs and make the interface more neat. Fix app design and implement photo entries.
    - Fix Photo Storage
- Gareth Samadhana: Complete backend storage
    - Initial Task: Firebase Firestore connection
    - Photo, text, contact firestore storage
    - Help with picture implementation

- Gavril Tango: Complete backend storage
    - Initial Task: Firebase Firestore connection completion
    - Implement data organization
    - Help connect facial recognition server to main app
- Grant Fu: Complete facial recognition server integration
    - Finalize return from Flask to RN display
    - Implement facial server components to main app components

Initial burnup chart:



Initial Scrum Board [Sprint 3]:

User Stories	Tasks (Not Started)	Tasks (In Progress)	Tasks (Completed)

As a user, I want to to be able to store diverse data such as text, contact info, photos, etc		- Store the photo/data that has been taken (5)	-Initial obtaining of data such as photos, etc. (16) - We have the data types we just need to store it (3)
As a user, I want to categorize people alphabetically so that it's easier to search. Efficiently catalog data(Backlog) (4) And(+) Categorize data by person(s) (Backlog)(6)	2-Connect with backend (includes integrating backend categorization with front end display) (3)	-Modify existing Interface(Dillon and Sarah) (3) - Default organization of entries by date (3) -Connecting backend to front end(3)	1-Login/logout into backend database (3) 2-We have notes/ entries stored just not in organization we intended (2) 3-backend side is able to organize by person, (currently incompatible with frontend) (1) 1-Following new tutorial methods for a better version (3)
As a user, I want to have my data to be stored reliably in an account (21)		1-Connecting reliable backend to the frontend input/output (8) 2-Connect with frontend input to store photos and other media (8)	1-Firebase data storage through queries is functional (5)

As a user, I want to be able to transfer data easily when I change devices (13)		-Connect with a front end login/logout page (9)	-Log in/logout functions complete despite differing devices (4)
As a user, I want to recognize people's faces so I don't forget them. (21)	1) Display data returned from Flask server		1)RN post request to Flask server (8) 2)Python detect faces 3)Finish utilizing face_recognition library (3)
As a user, I want to find journal entries so I can look up information about an individual. (13)	1) Combine file sharing/ file access of photos with backend/frontend (8) 2)Have both Flask/similar services run concurrently with Firebase if possible. (5)		

Scrum Times:

- Monday 5-7 PM
- Wednesday: 4-5 PM
- Thursday: 5-6 PM (TA present)