Cherry

Hi-Fi Prototype

Value Proposition

Cherish your long-distance relationships everyday.

Team

Symphony K
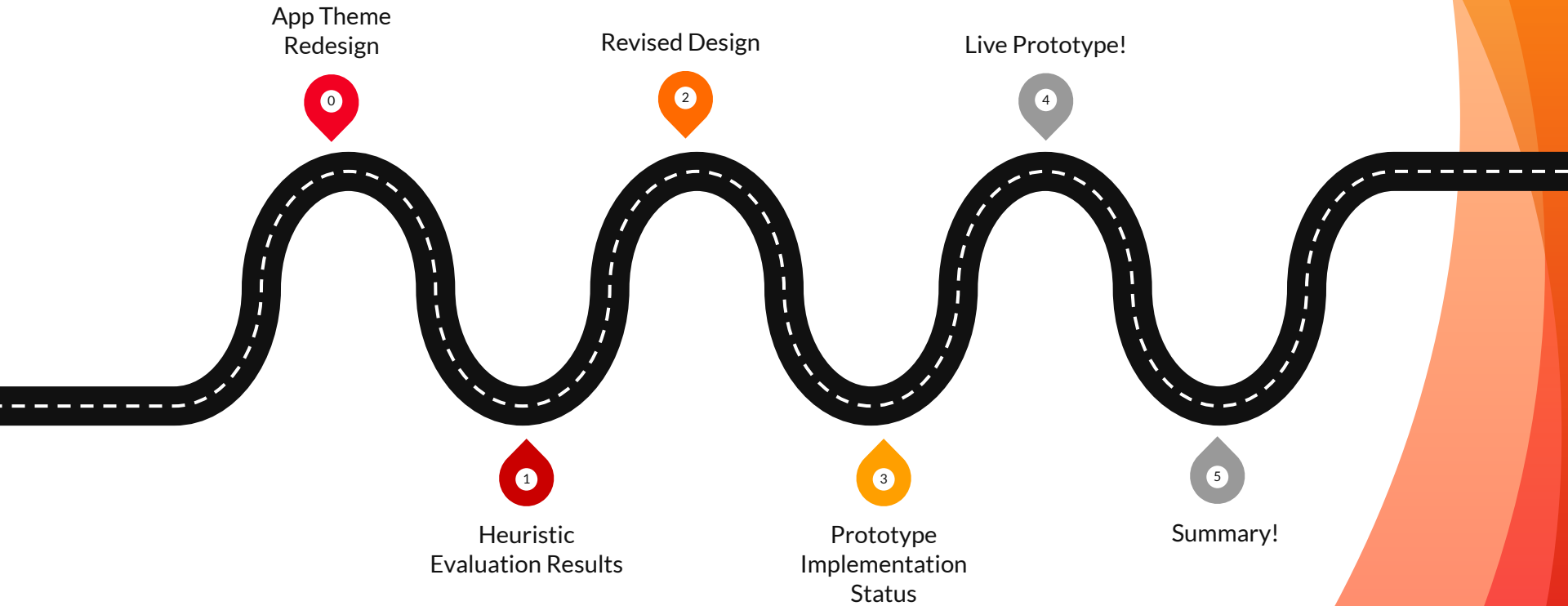

Annie M

Jason P

Gautham R

Problem Overview

Relationships with friends, family and life partners become weaker over long distance, because people are busy with their day-to-day lives and find it hard to have personal conversations online.

Solution Overview

We propose Cherry, an app that initiates questions and allows users to respond quickly and creatively to create daily, thoughtful conversations that maintain and deepen relationships.
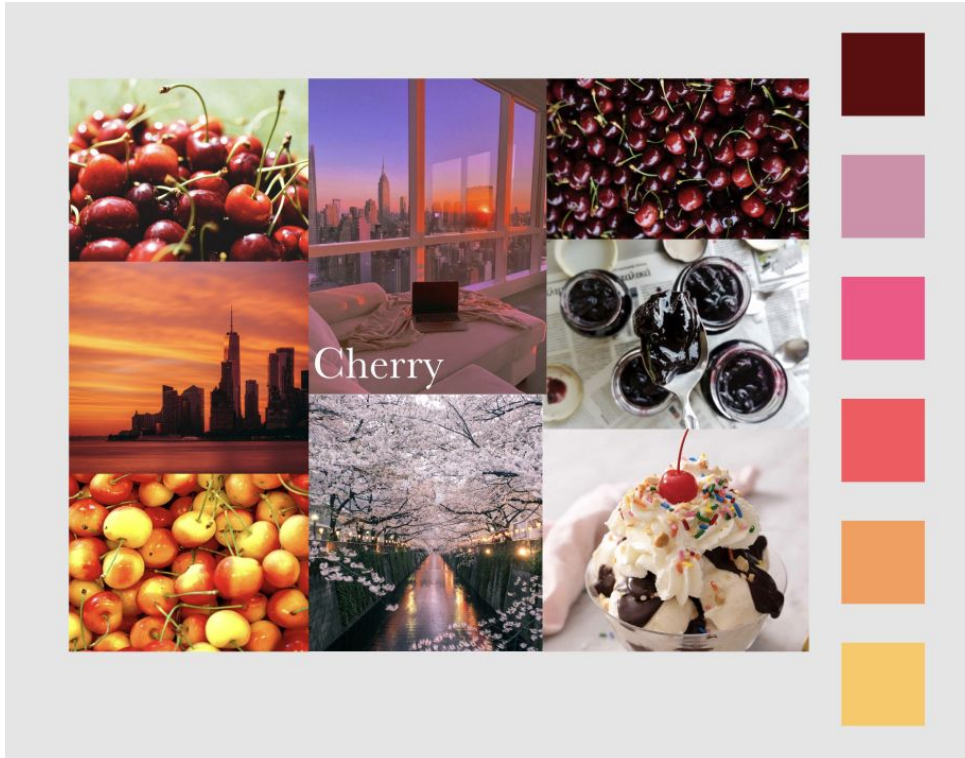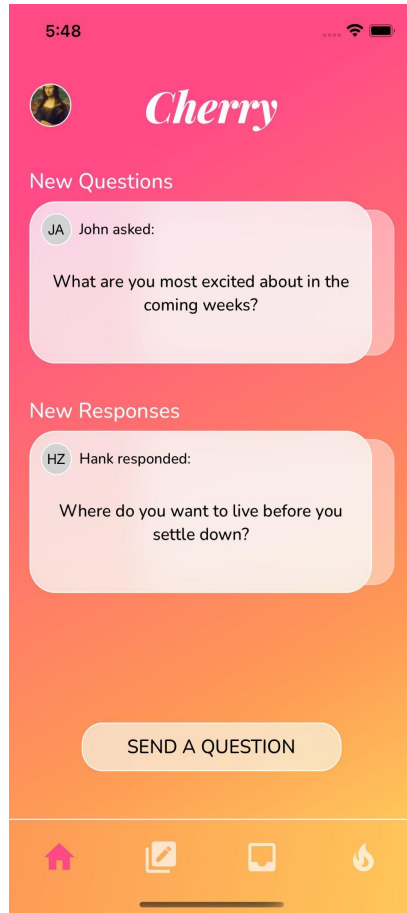
Roadmap

App Theme
Redesign

0

Revised Design

2

Live Prototype!

4

1

Heuristic
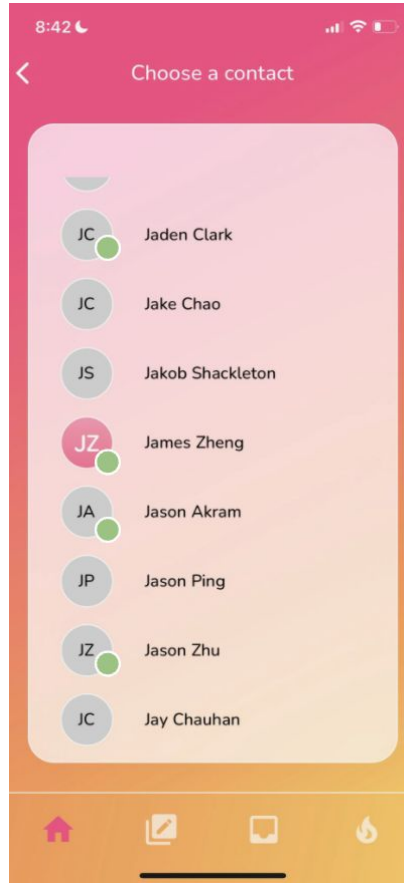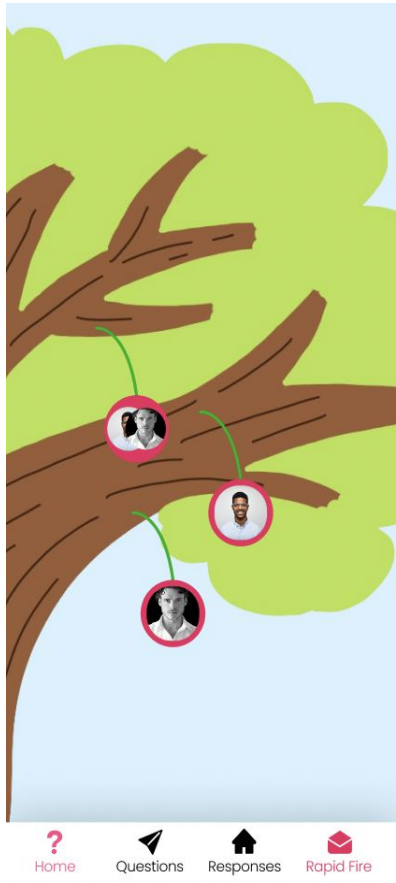Evaluation Results

3

Prototype
Implementation
Status

5

Summary!

0.
App Theme Redesign

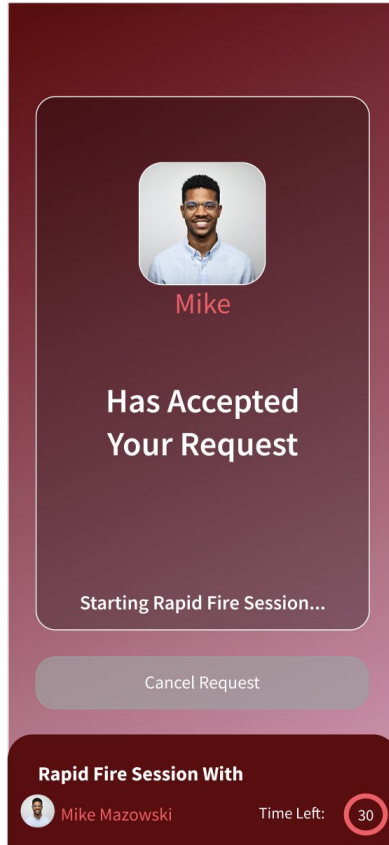# Back to the Moodboard!

Home Screen

Questions and Responses
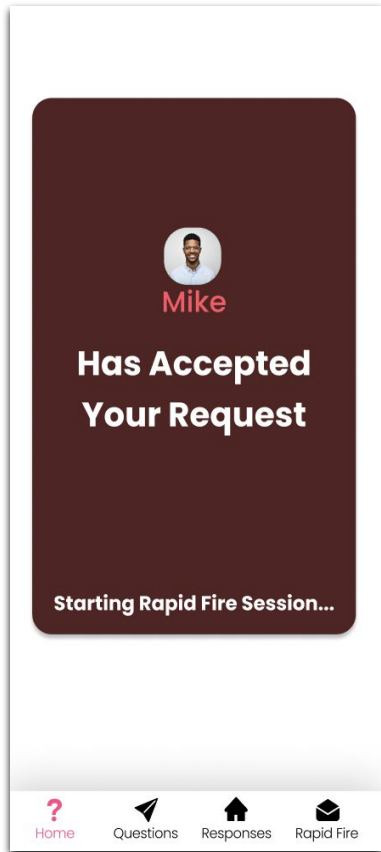
Rapid Fire

1.
Heuristic Evaluations

Summary of Severe Violations

Heuristic	# of Sev. 3	# of Sev. 4
H1	2	0
H3	2	0
H4	1	0
H5	5	0
H6	2	0
H7	4	0
H8	0	1
H13	2	1
Total	18	2
Fixed	17	2

Usability Goals

01. **Efficiency**

- How fast and clear are actions for the user?

02. **Pleasure**

- How enjoyable is using the app?

2.
Revised Design

Violation Category - System Status

01.
No notifications for number of new questions
We added notification 'badges' on the nav bar showing the number of new questions

02.
No notifications for number of new responses
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03.
Recipient's name does not appear when picking categories
We added a title bar showing the recipients name and icon

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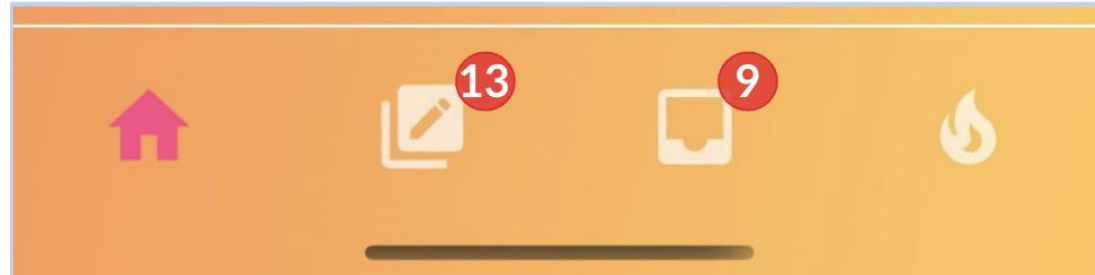
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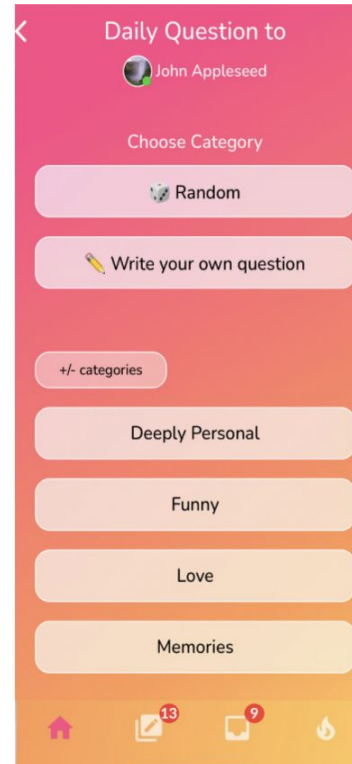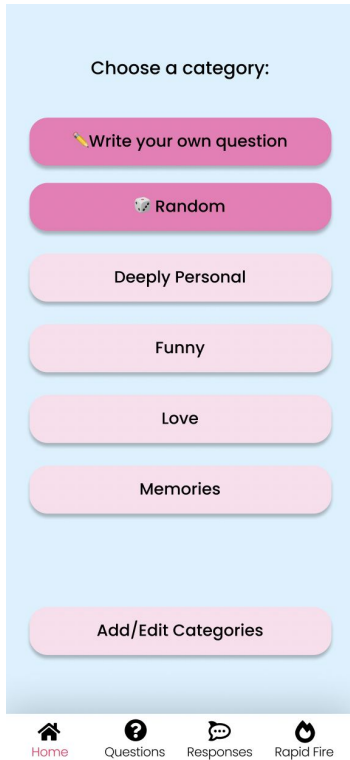### No notifications for number of new responses
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Violation Category - Consistent Buttons and Design

01. **'Respond with iMessage' button is confusing, has inconsistent capitalization, and isolates users to iPhone users**

We changed 'Respond with iMessage' to a share button that sends the question and response directly to the user by phone number

02. **Send buttons are pushable before the user has written anything**

We shaded the 'send' buttons when the user has not written / drawn / recorded anything

03. **The 'go back' button is not consistently placed throughout the app**

We made the placement of the back button consistent on all screens

04. **When choosing categories, the add/edit button is too similar to the category buttons**

We changed the size, transparency, and placement of the button to differentiate it from the category buttons

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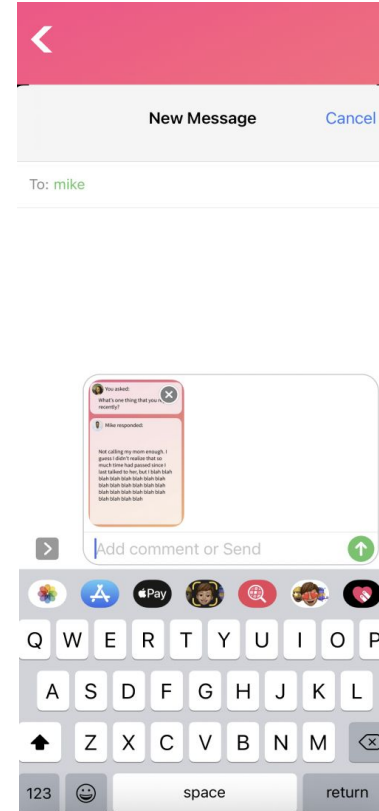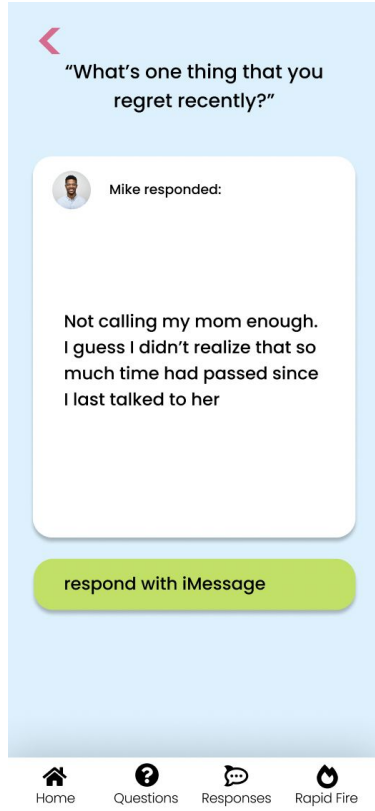We made the placement of the back button consistent on all screens

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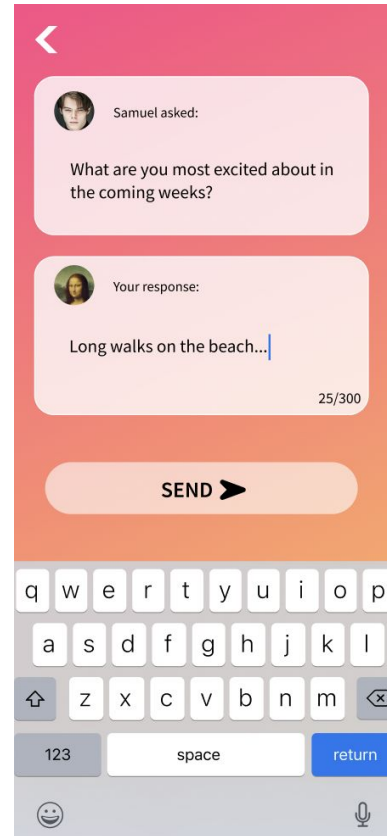**03.** **The 'go back' button is not consistently placed throughout the app**

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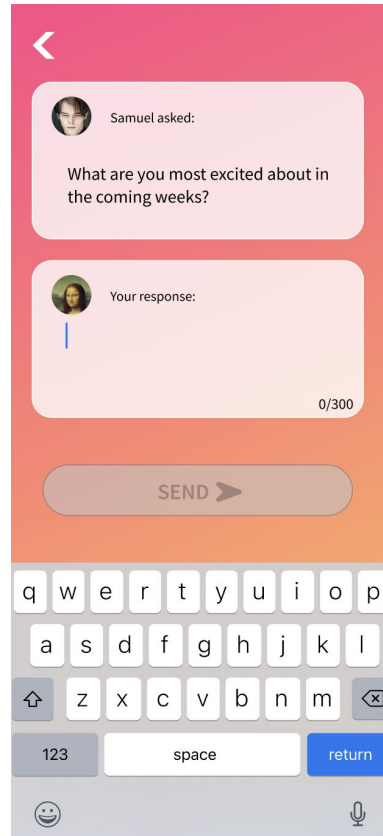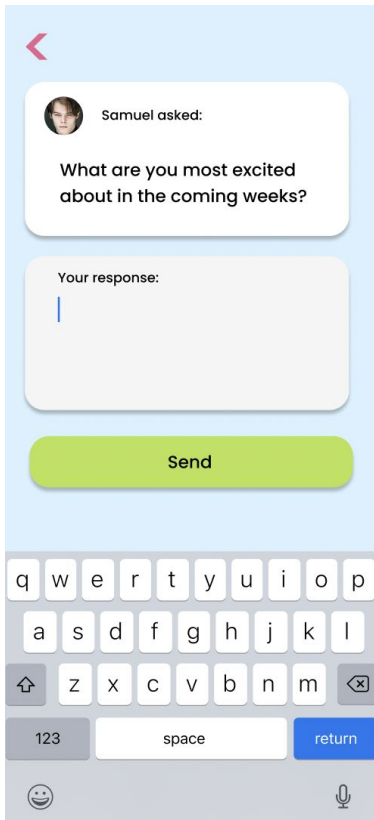**03.** **The 'go back' button is not consistently placed throughout the app**

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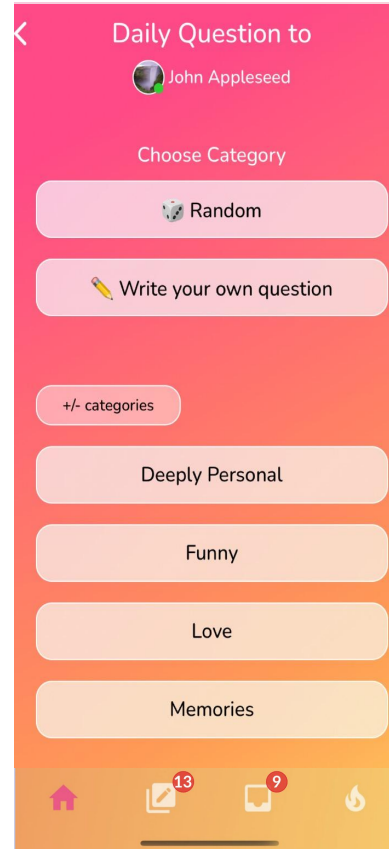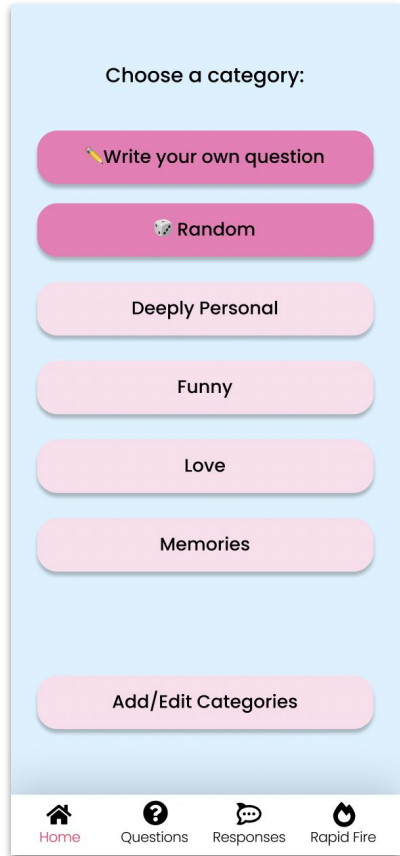We made the placement of the back button consistent on all screens

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Violation Category - Ease and Usability

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We added error messages asking for the user to confirm these actions

02. **Users can accidently leave rapid fire sessions through the nav bar**
We removed the navigation bar as soon as rapid fire sessions start

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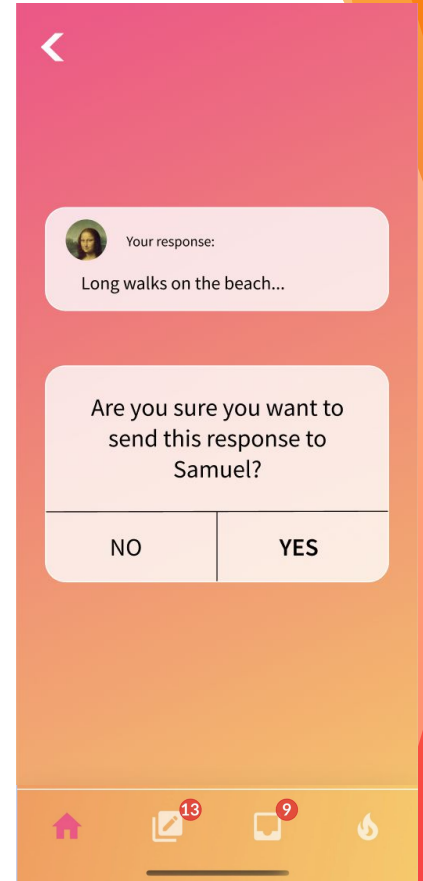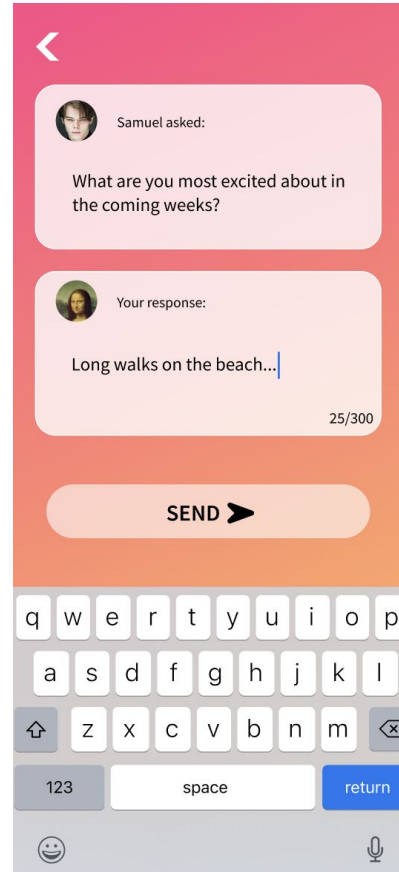**05.** **Users may way to check contact status other than going through the rapid fire flow**
We incorporated contact status into the regular contacts list when sending a daily question

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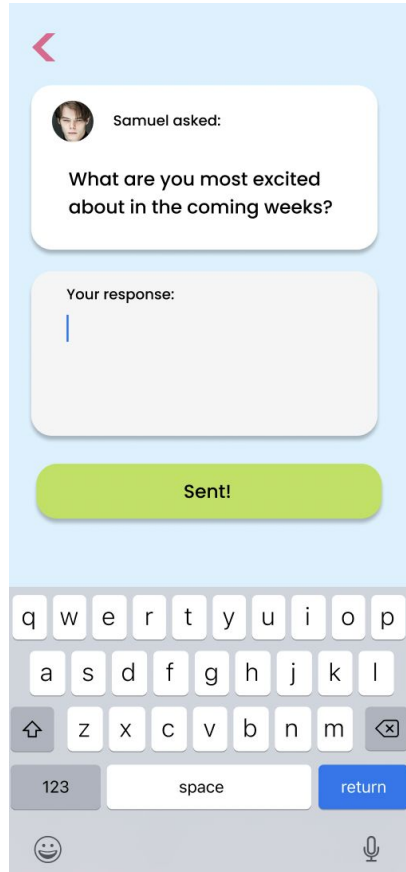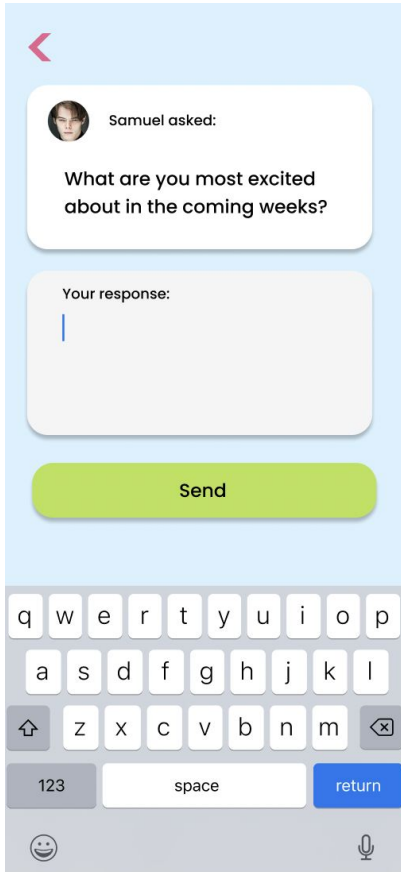We incorporated contact status into the regular contacts list when sending a daily question

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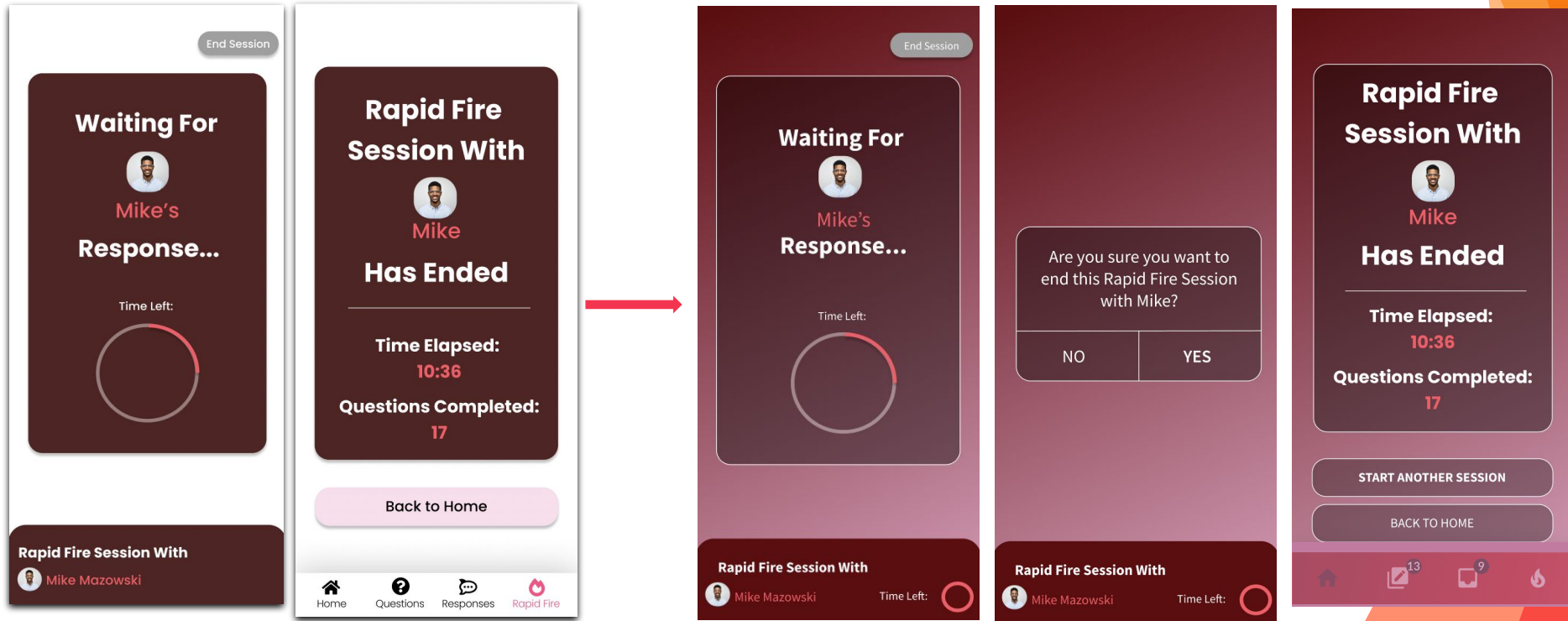
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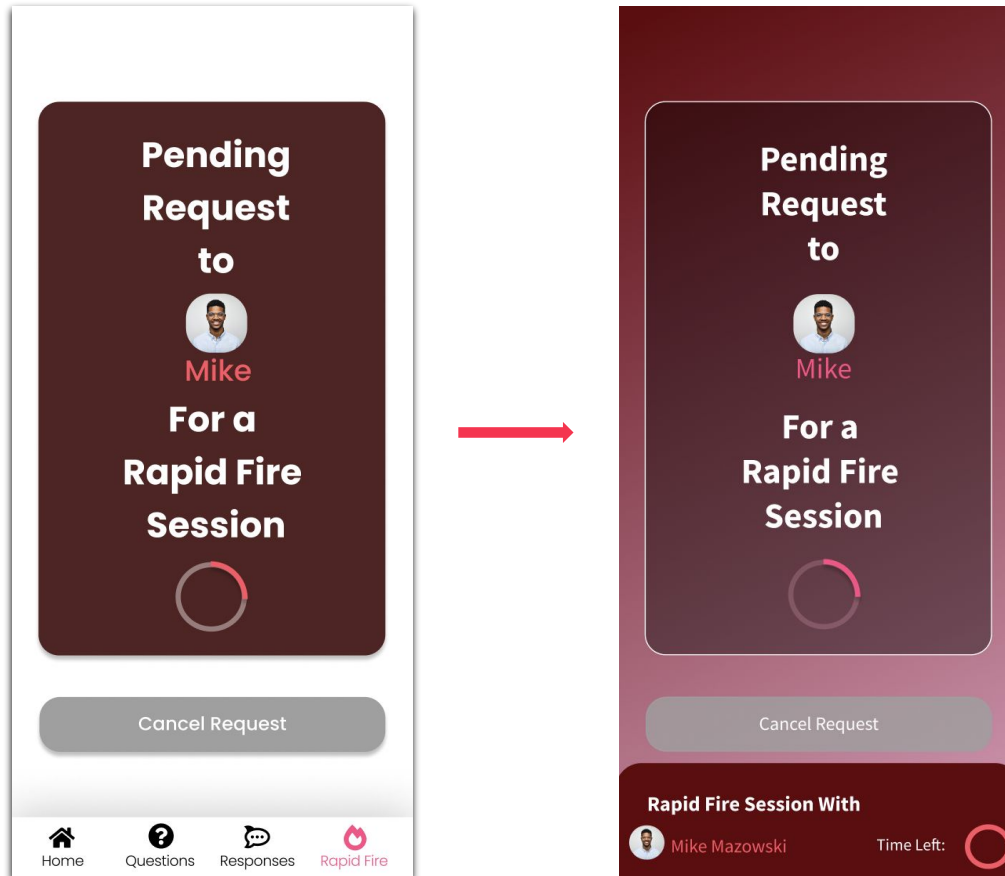
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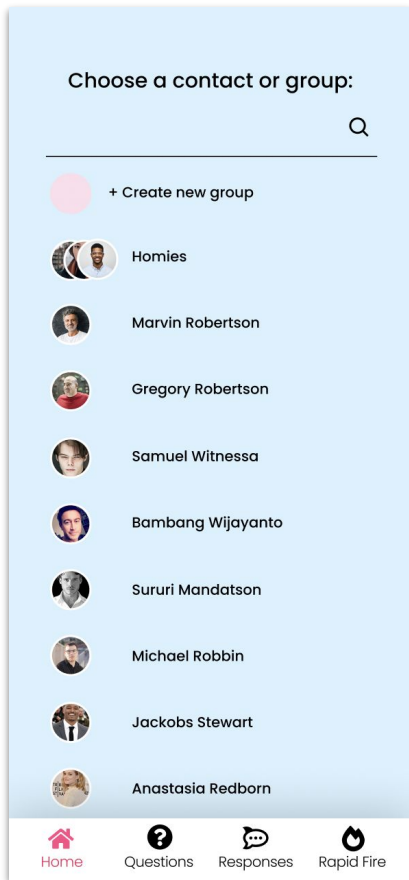
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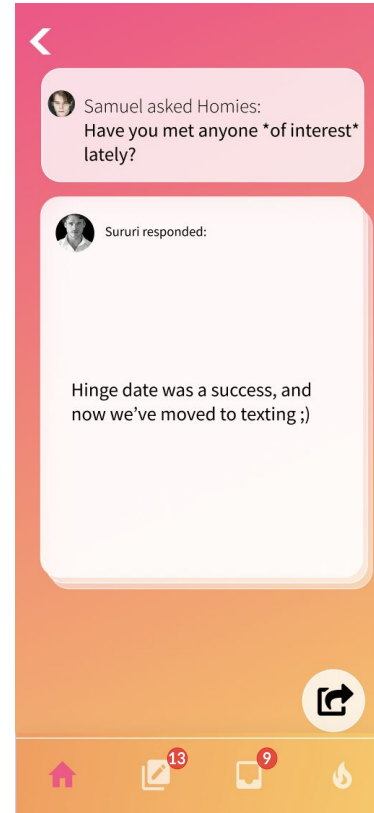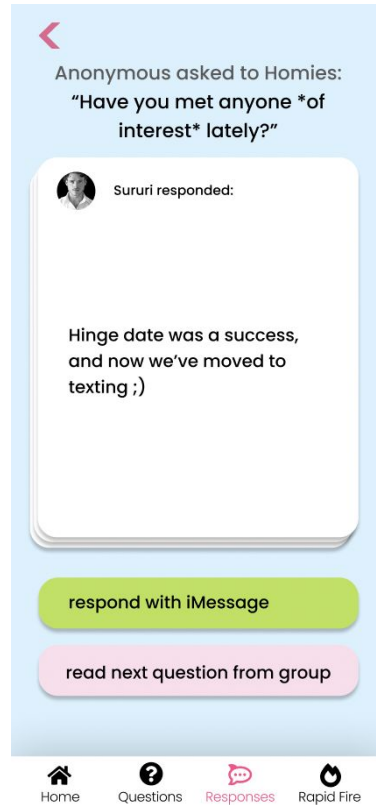We incorporated contact status into the regular contacts list when sending a daily question

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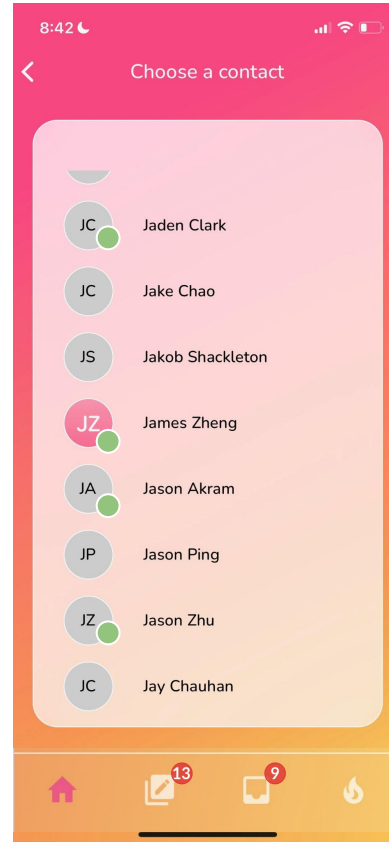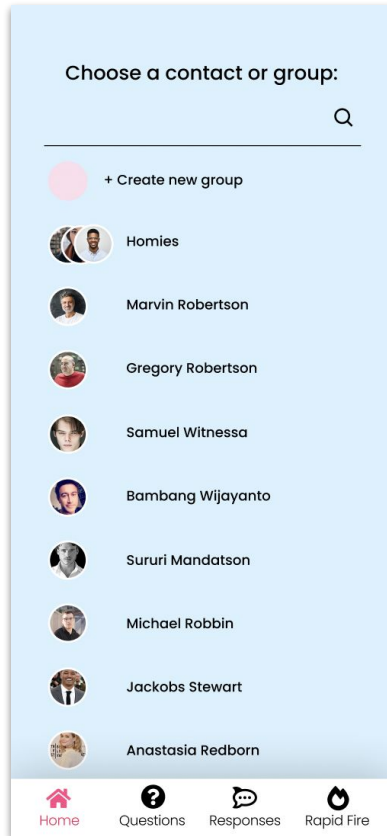We incorporated contact status into the regular contacts list when sending a daily question

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Violation Category - Privacy

01. **There is no way for for the user to block users from asking questions or initiating rapid fire sessions**

While this is incredibly important, we won't implement this function because it's hard to implement in the span of one week and we felt that it was out of the scope of our three tasks

02. **Allowing to respond anonymously in groupchats creates distrust within the group and doesn't further the value proposition of deepening relationships**

We removed the anonymous function of asking questions and replying anonymously in groupchats

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Violation Category - Home Screen and Cherry Tree

01. **Users might click the contacts button on the home page rather than navigating to the 'ask' tab to write a question**

We redesigned the home page to have a 'send a question' button to minimize confusion and increase ease of usability

02. **After sending a response, the recipient's cherry is still on the cherry tree**

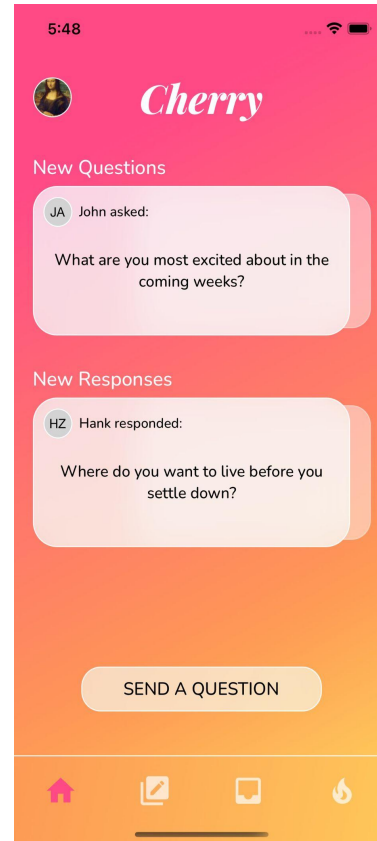**03.** **The cherries only have pictures which may cause users to misidentify the contact**

04. **The cherry tree may get cluttered if the user has a lot of questions / responses**

We redesigned the question and response pages to have a list layout to be more visually appealing, easily include contact pictures and names, and reduce clutter

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02. **After sending a response, the recipient's cherry is still on the cherry tree**

03. **The cherries only have pictures which may cause users to misidentify the contact**

04. **The cherry tree may get cluttered if the user has a lot of questions / responses**

We redesigned the question and response pages to have a list layout to be more visually appealing, easily include contact pictures and names, and reduce clutter

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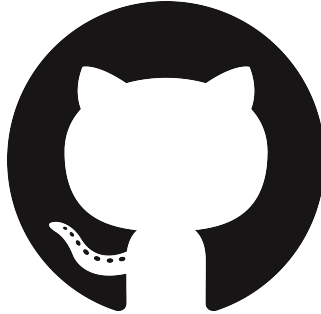**04.** The cherry tree may get cluttered if the user has a lot of questions / responses
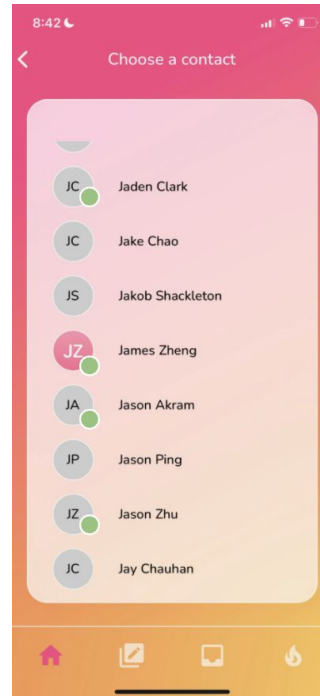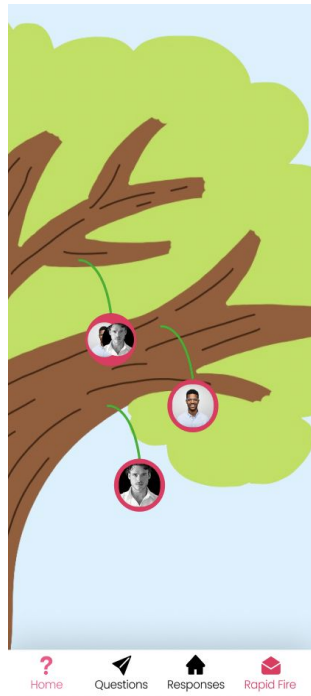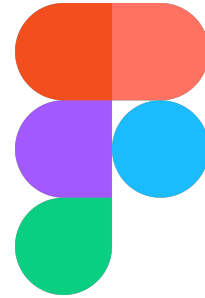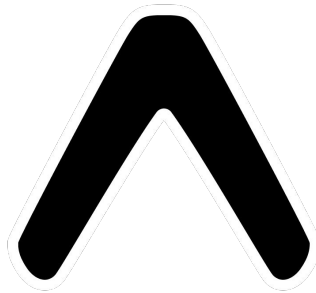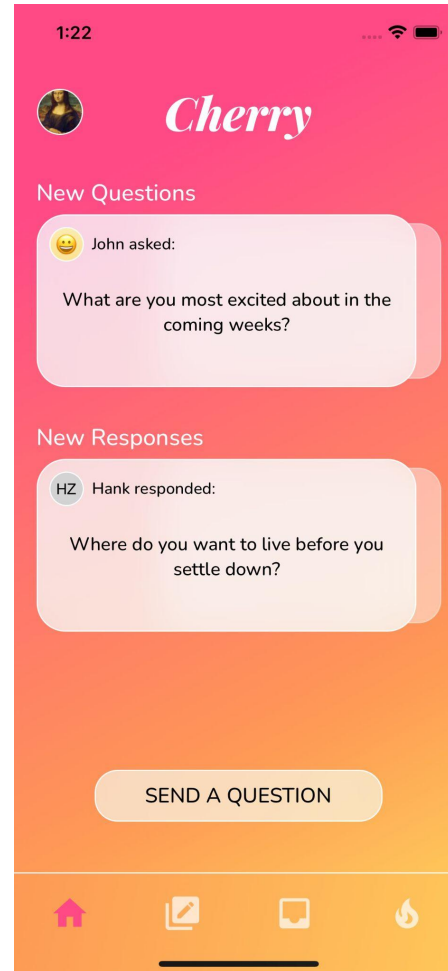
3.
Prototype Status

Tools Used
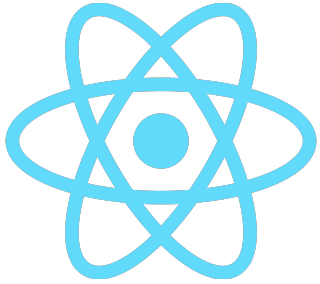
React Native
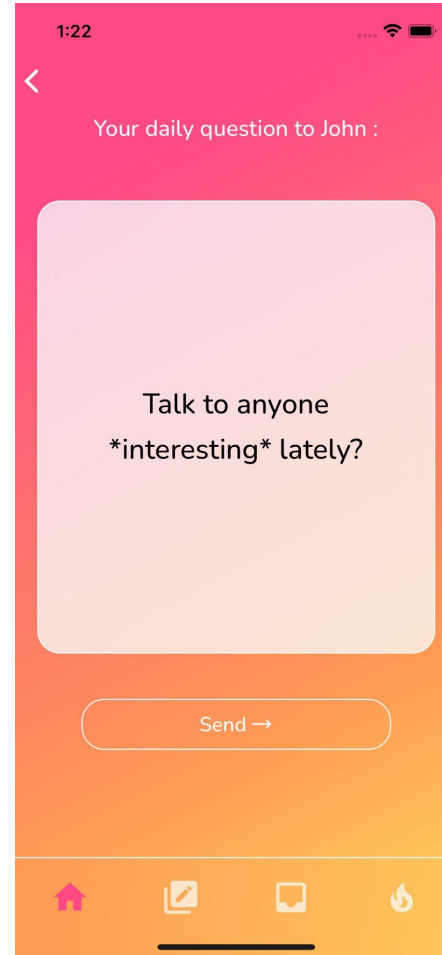
GitHub

Figma

VSCode

Expo

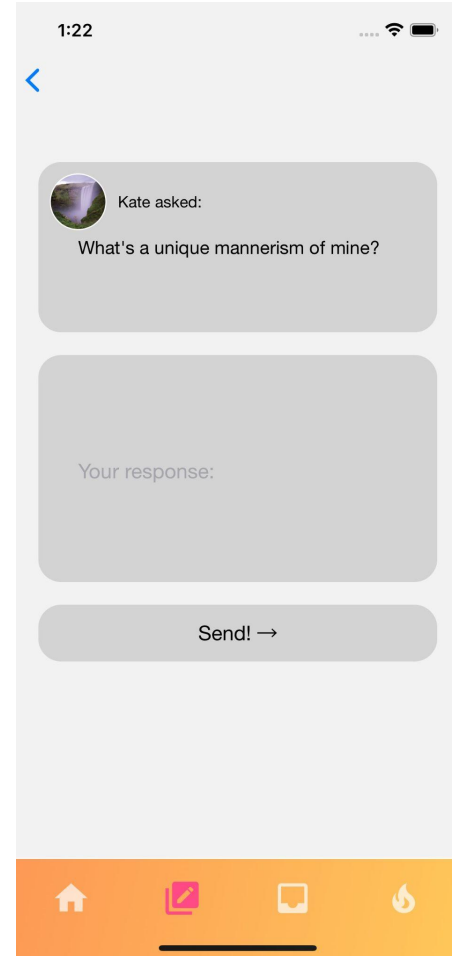# Implemented Features

- ○ Home Page Dashboard

Implemented Features

- **Task 1: Check in with my long-distance loved ones and friends daily**
  - List of Contacts imported from Phone
  - Category Selection
  - Question Card Display

Implemented Features

- Task 3: Respond to my friend's question with creative expression flexibility
  - List of Contacts imported from Phone
  - Text Response to Question

Unimplemented Features

- **Task 2: Review Group Messages to Stay Up-To Date with Long Distance Friend Groups**
  - List of Group Chats
  - Swipe to Next Response in Group
- **Task 3: Respond to my friend's question with creative expression flexibility**
  - Drawn Response to Question
  - Voice Response to Question
  - Image Response to Question

Unimplemented Features

- **Task 4: Start a rapid-fire session with a friend to go back and forth with deep questions**
  - Request Friend to Start Rapid Fire
  - Enforce Time Limit to Answer Questions
  - Allow Back to Back Responses in Real-Time

Implementation Plan

By This Weekend

Task 3 - Draw, Voice, Image response

By Wednesday

Video Demo
Task 4 - request a friend, timer countdown, hard coded back to back responses

Friday

Expo!

By Monday

Task 2 - Groupchat question and responses with back and forth swipe feature

By Monday

Styling fixes - consistent buttons, screens, etc., and little to no heuristic violations
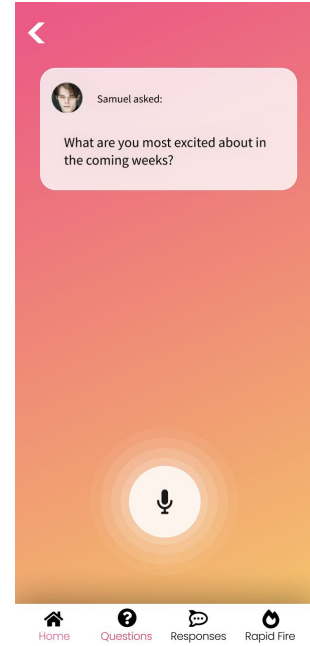
By Sunday

Complete Report

Wizard of Oz

- ◦ **Voice Messages**
  - ◦ Since it is hard to implement this on Expo, we pretend we are recording audio when the "record" button is held.

- ◦ **Send Functionality**
  - ◦ We pretend that messages are sent and received, since we don't have a backend to facilitate the transfer of data between users.

Hard-Coded Data

- **Question Generation**
  - We select questions from a hard-coded bank that is stored locally on the phone.

- **List of Categories**
  - We hard-coded the categories that users could choose from

4.
Demo

Summary

- Fixed **19/20** severity **3/4** heuristic violations
- Fixed **28/46** severity **½** heuristic violations
- "Send a Daily Question" task complete
- Considerable progress on "Respond to a Question" tasks
- Next Steps
  - Integration of Group Chat and Rapid Fire tasks
  - Styling

Questions We Have For You!

- ◦ Thoughts on the new color scheme: too bold or distracting?

  - ◦

- ◦ Thoughts in general? Be honest!