Week 9: Hi-Fi Midway Check-in

Peter C., Ryan C., Gabby R., Alyssa R.

RALLY

Team Members

Peter C.

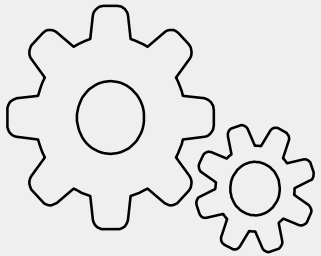
Alyssa R.

Ryan C.

Gabby R.

Overview

Mission Statement + Value Proposition
Problem & Solution Overview
Heuristic Evaluation Results
Revised Design
Prototype Implementation Status
Demonstration of Prototype



Mission Statement

We want to make civic engagement accessible, easy, and community-based.

Value Proposition

Your one stop shop for civic engagement.

Problem & Solution Overview

Going to political events can be inconvenient and uncomfortable -- **RALLY** makes civic engagement an easy decision, giving users transportation recommendations and connecting them with friends who want to show out to events.

Heuristic Evaluation Results

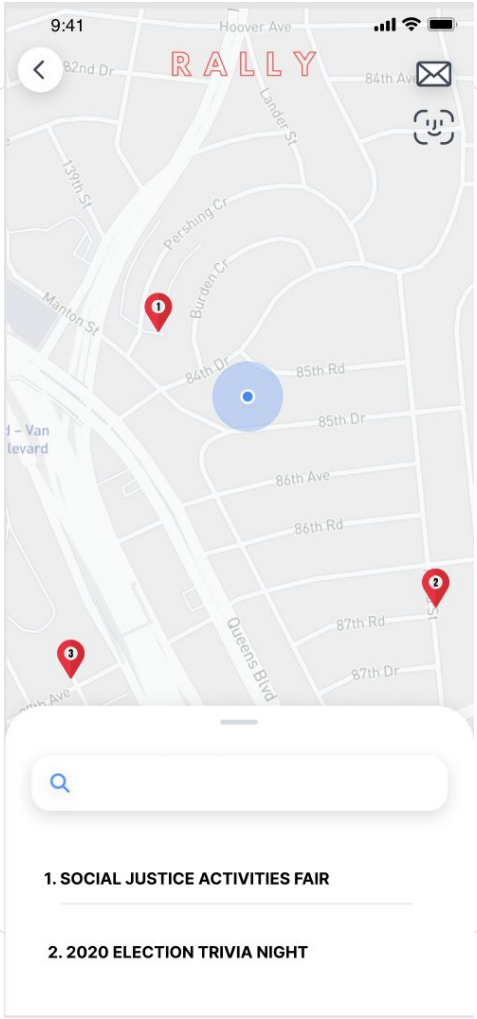
Results in Summary

Total Level 3+4 Severity violations - 12

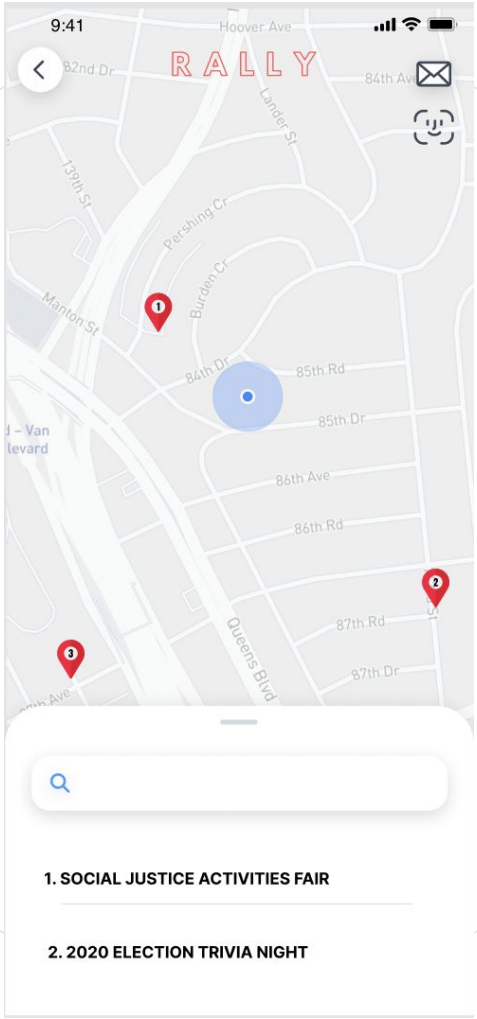
Key Areas of Heuristic Violations -

- Filtering by Events
- Group Chats
- Filtering by Friends

Filtering by Events

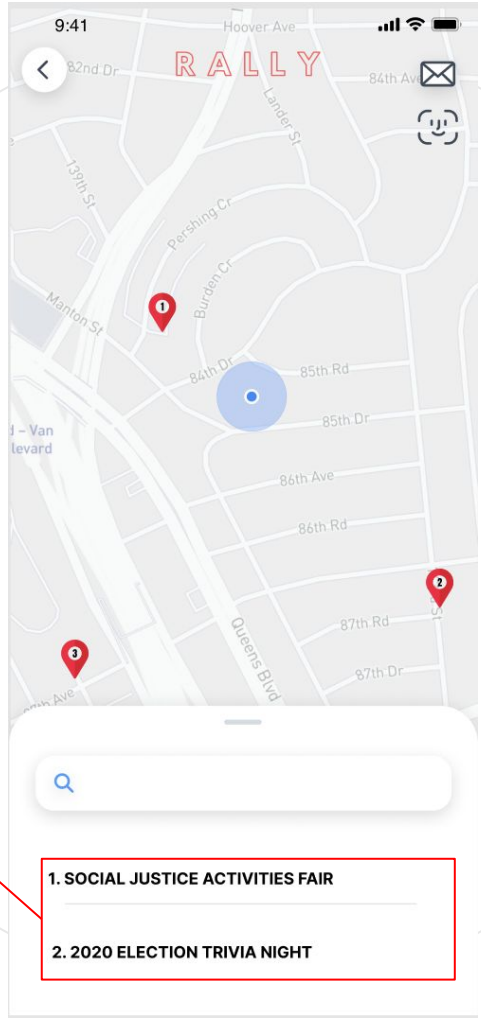


Filtering by Events



No indication that the screen is currently filtering by events

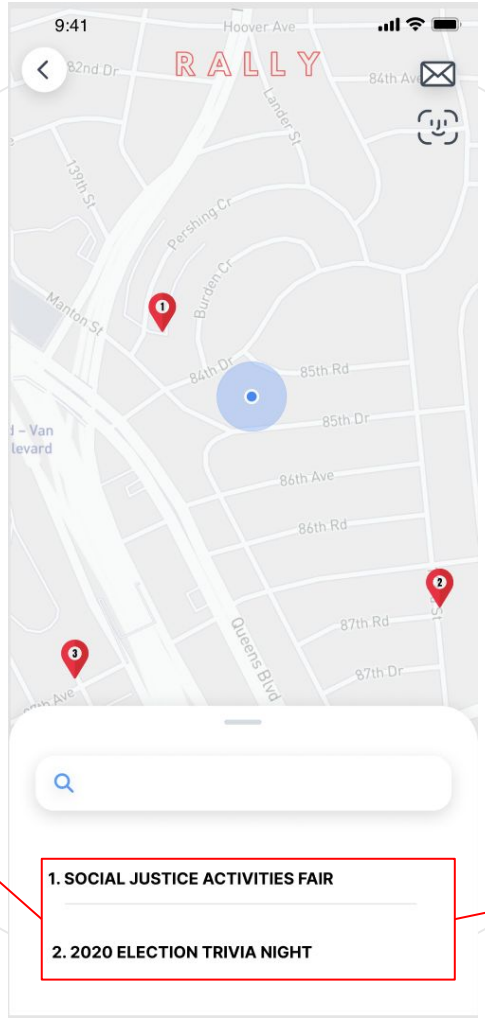
Filtering by Events



No indication that the screen is currently filtering by events

No indication that events are ordered by distance

Filtering by Events

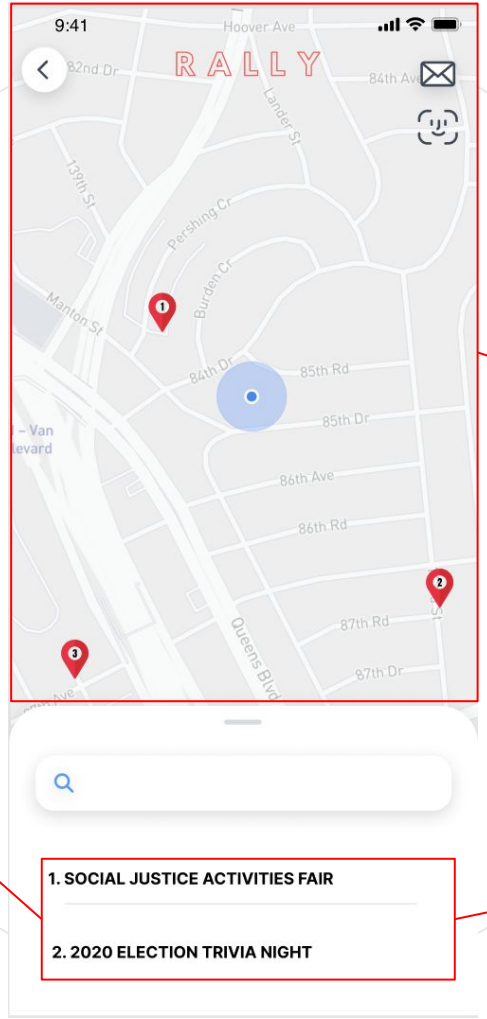


No indication that the screen is currently filtering by events

No indication that events are ordered by distance

No indication of events that you are interested in

Filtering by Events



No indication that the screen is currently filtering by events

No way to see events beyond initial map image

No indication that events are ordered by distance

No indication of events that you are interested in

Filtering by Events

Issues -

- H3 - User Freedom and Control
  - No clear indication the list is ordered by distance
- H6 - Recognition Rather than Recall
  - No visual indication of events that you are interested in
- H7 - Flexibility and Efficiency of Use
  - Explore events past the bounds of the initial map image

Fix –

Adding visibility to events filter page

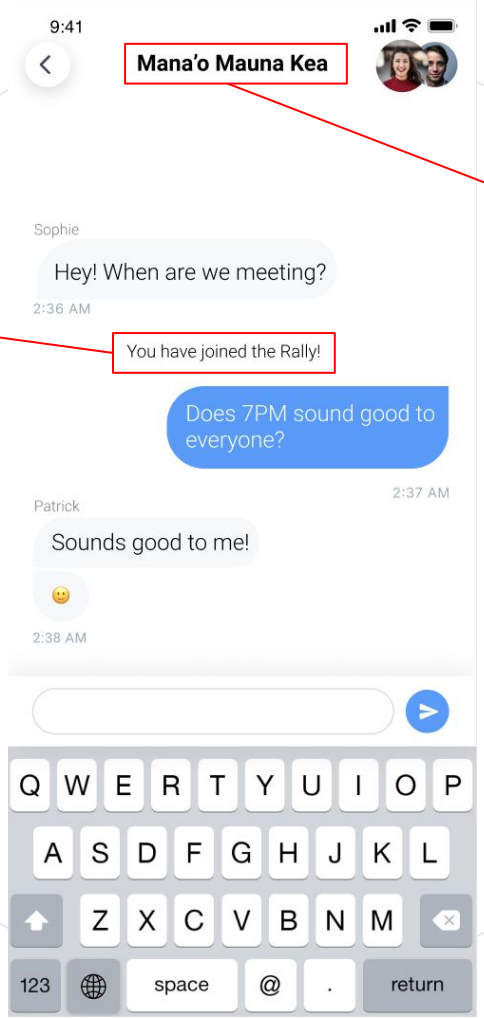
Group Chats

9:41
Mana'o Mauna Kea
Sophie
Hey! When are we meeting?
2:36 AM
You have joined the Rally!
Does 7PM sound good to everyone?
2:37 AM
Patrick
Sounds good to me!
2:38 AM
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
@
.
return

Group Chats

Recall over recognition for remembering event details

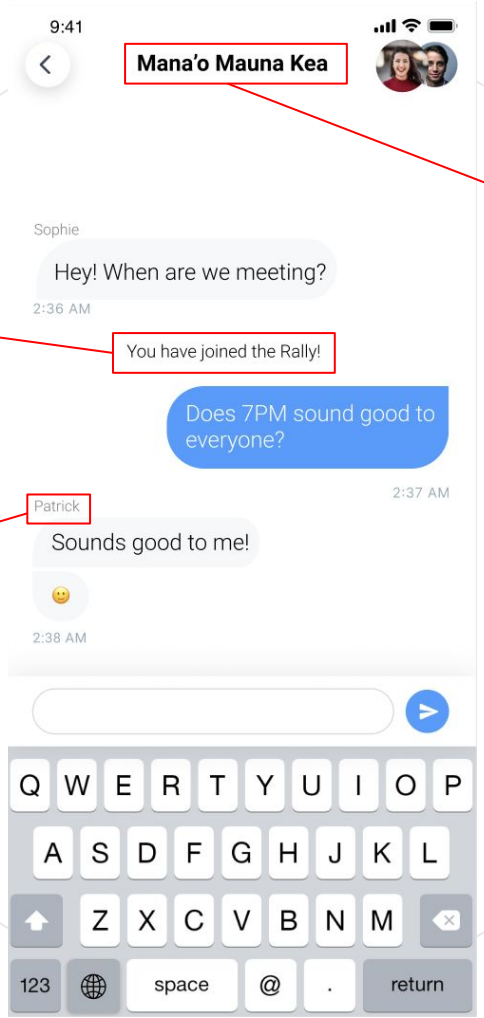
Group Chats



Unable to leave a rally

Recall over recognition for remembering event details

Group Chats



Unable to leave a rally

Recall over recognition for remembering event details

Disparate cognitive models about first-degree and second-degree connections

Group Chats

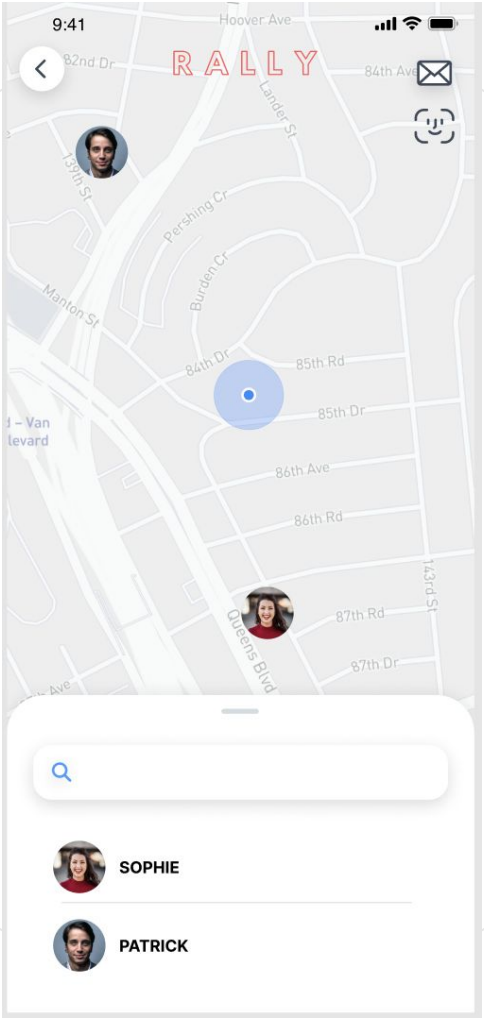
Issues -

- H6 - Recognition over Recall
  - No information about rally in the group chat
- H3 - User Freedom and Control
  - Unable to leave group chats once joined
- H1 - Visibility of System Status
  - Disparate cognitive models about first-degree and second-degree connections

Fix –

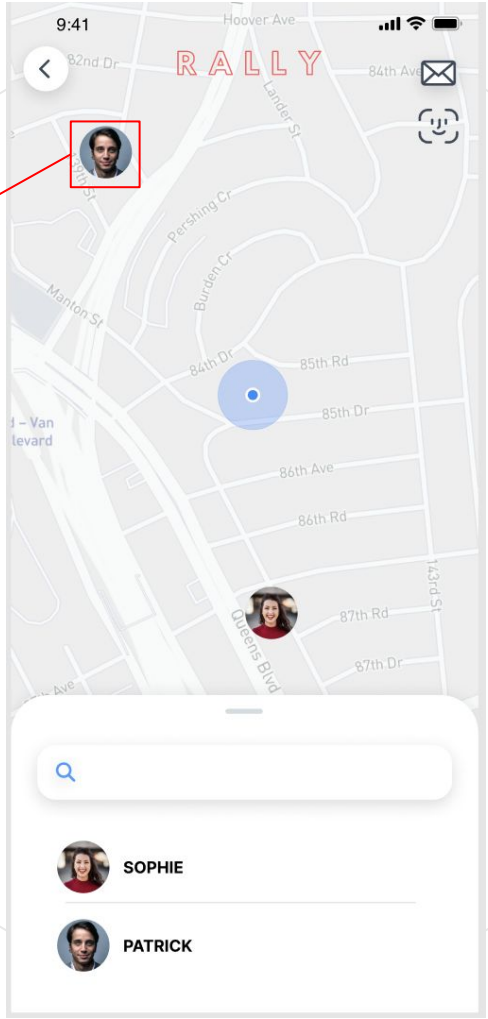
Adding functionality to group chats

Filtering by Friends



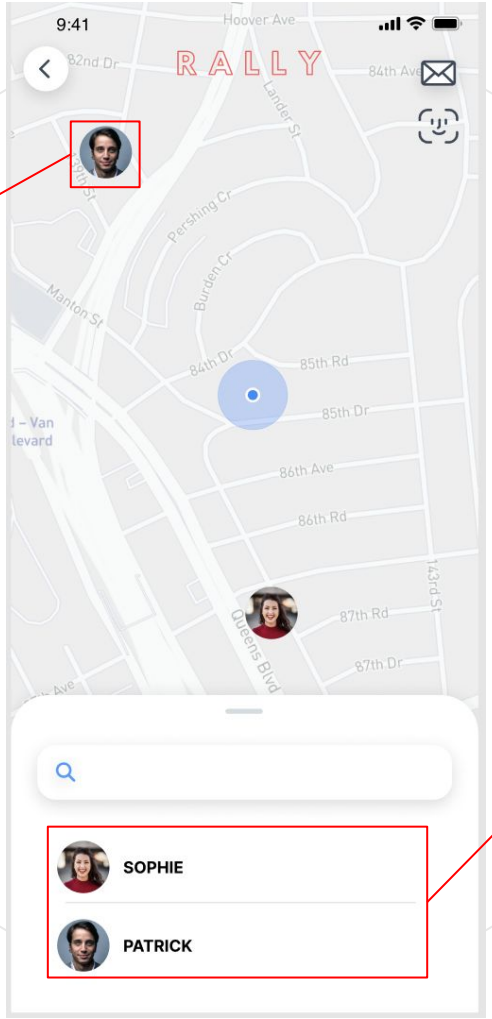
Filtering by Friends

Find my friends functionality?



Filtering by Friends

Find my friends functionality?



No current way to add new friends

Filtering by Friends

Issues -

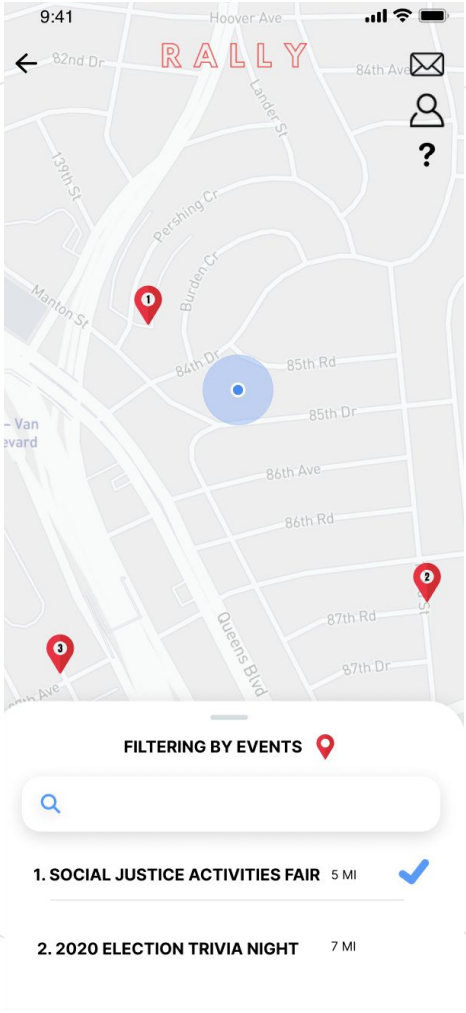
- H4 - Consistency and Standards
  - Find my friends features
- H7 - Flexibility and Efficiency of Use
  - Find friends option

Fix –

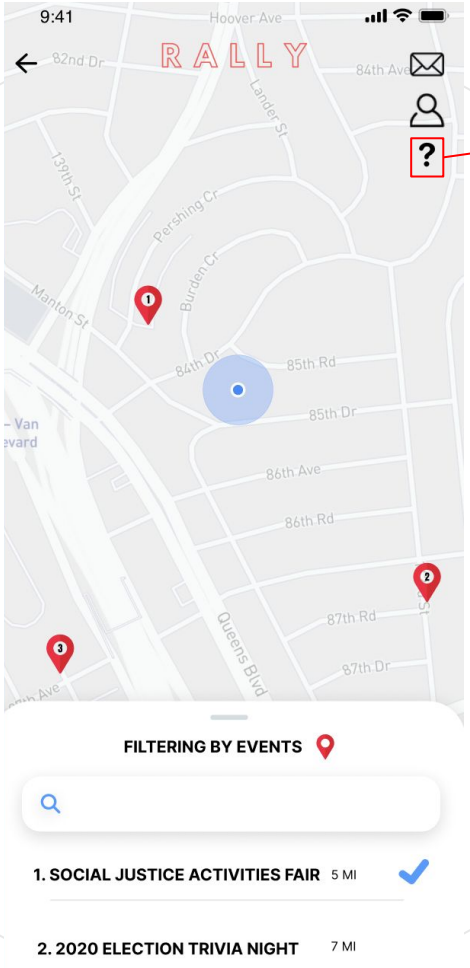
Add new features to the filtering by friends page

Revised Design

Filtering by Events Fix

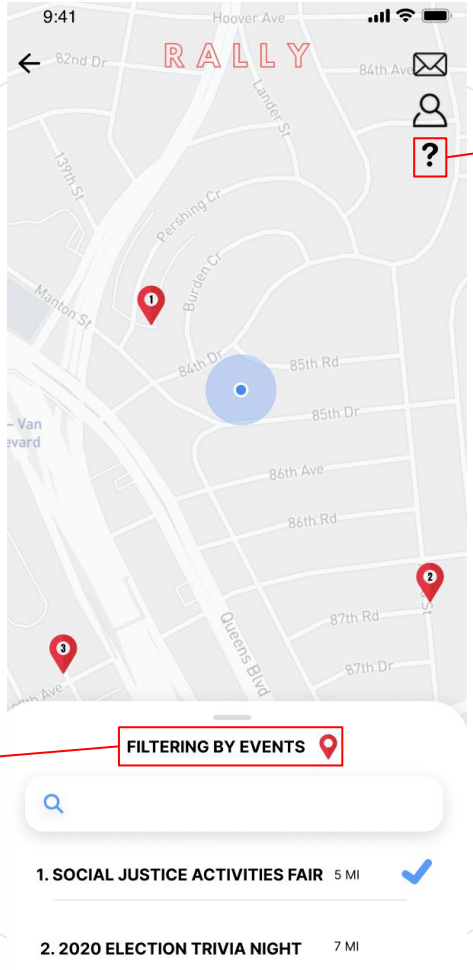


Filtering by Events Fix



Informative help and documentation

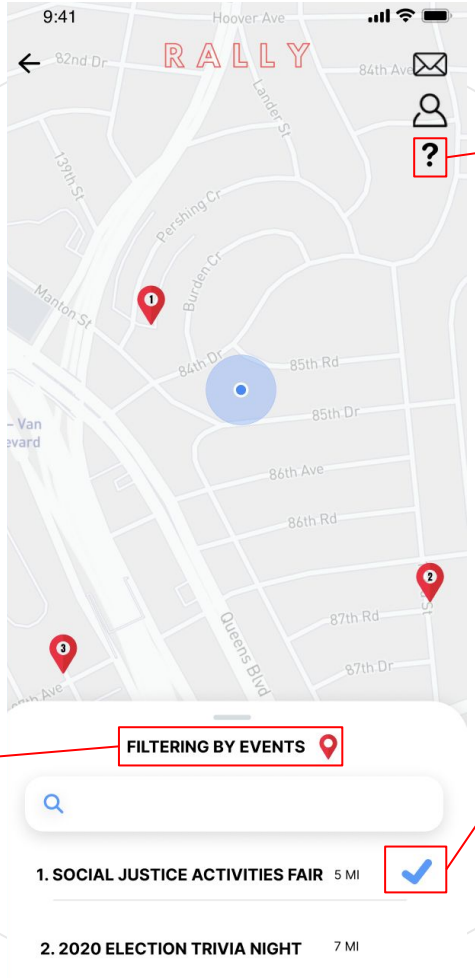
Filtering by Events Fix



Informative help and documentation

Visualization of current filter

Filtering by Events Fix

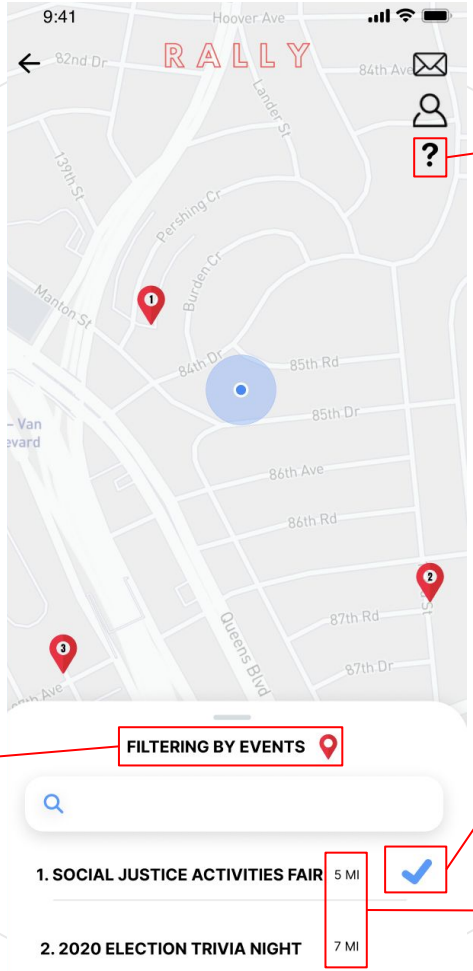


Informative help and documentation

Visualization of interested in event

Visualization of current filter

Filtering by Events Fix



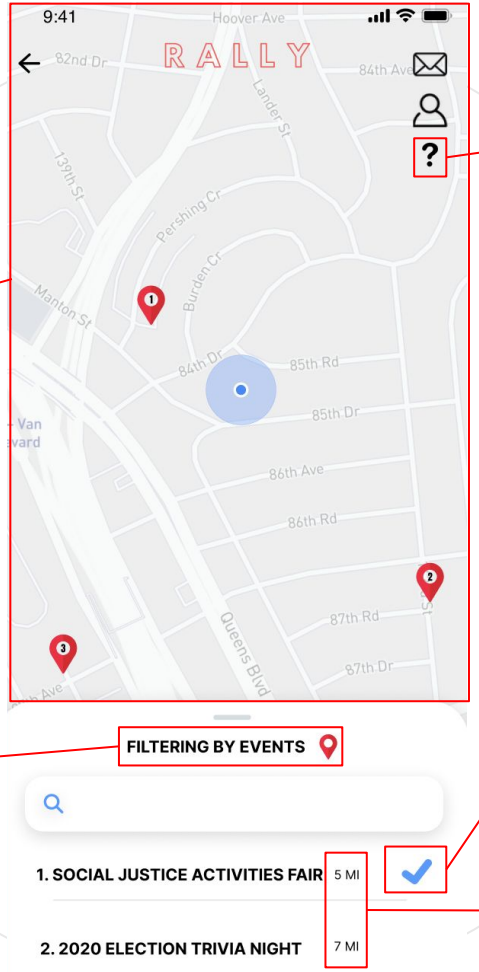
Informative help and documentation

Visualization of interested in event

Visualization of current filter

Visualization of ordering by distance

Filtering by Events Fix



Informative help and documentation

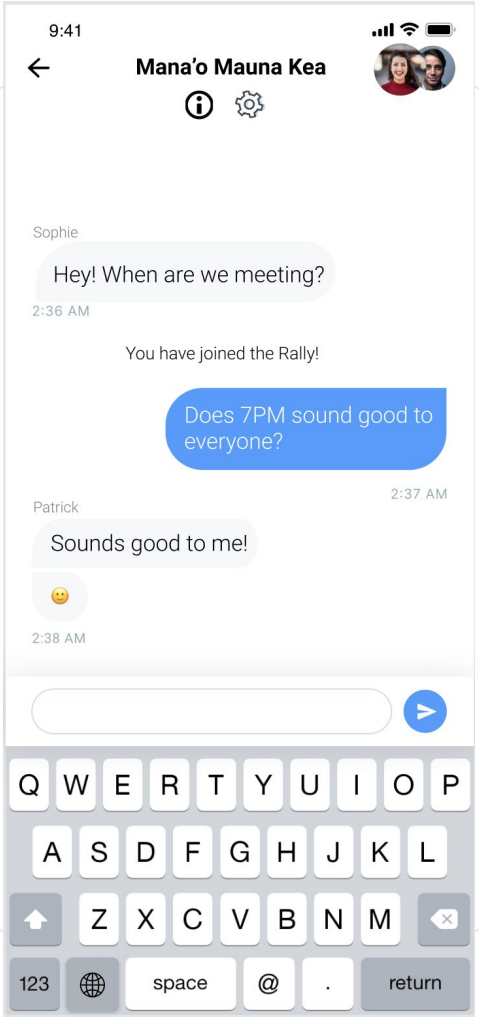
React Native Maps helps with exploration of other maps

Visualization of interested in event

Visualization of current filter

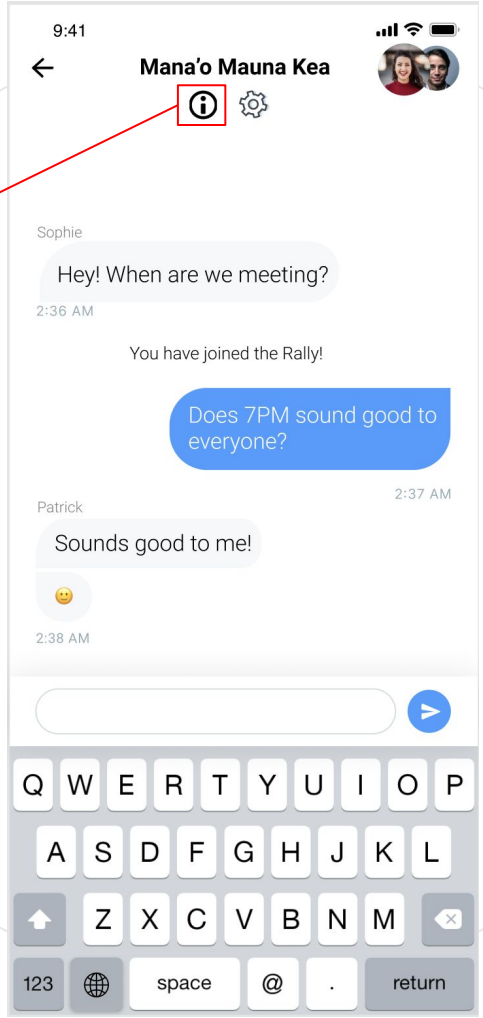
Visualization of ordering by distance

Group Chats


9:41
Mana'o Mauna Kea
Sophie
Hey! When are we meeting?
2:36 AM
You have joined the Rally!
Does 7PM sound good to everyone?
2:37 AM
Patrick
Sounds good to me!
2:38 AM
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
@
.
return

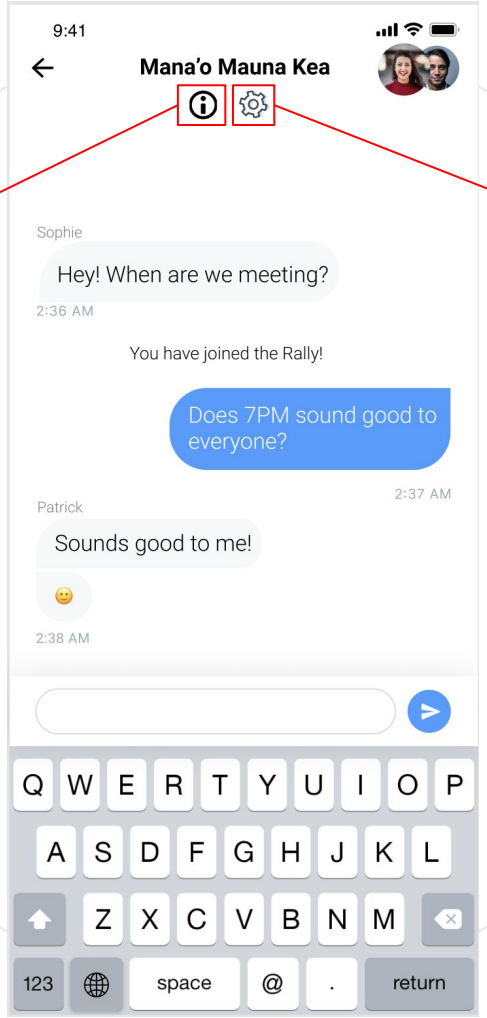
Group Chats

Added button that goes directly to the information card for the given event



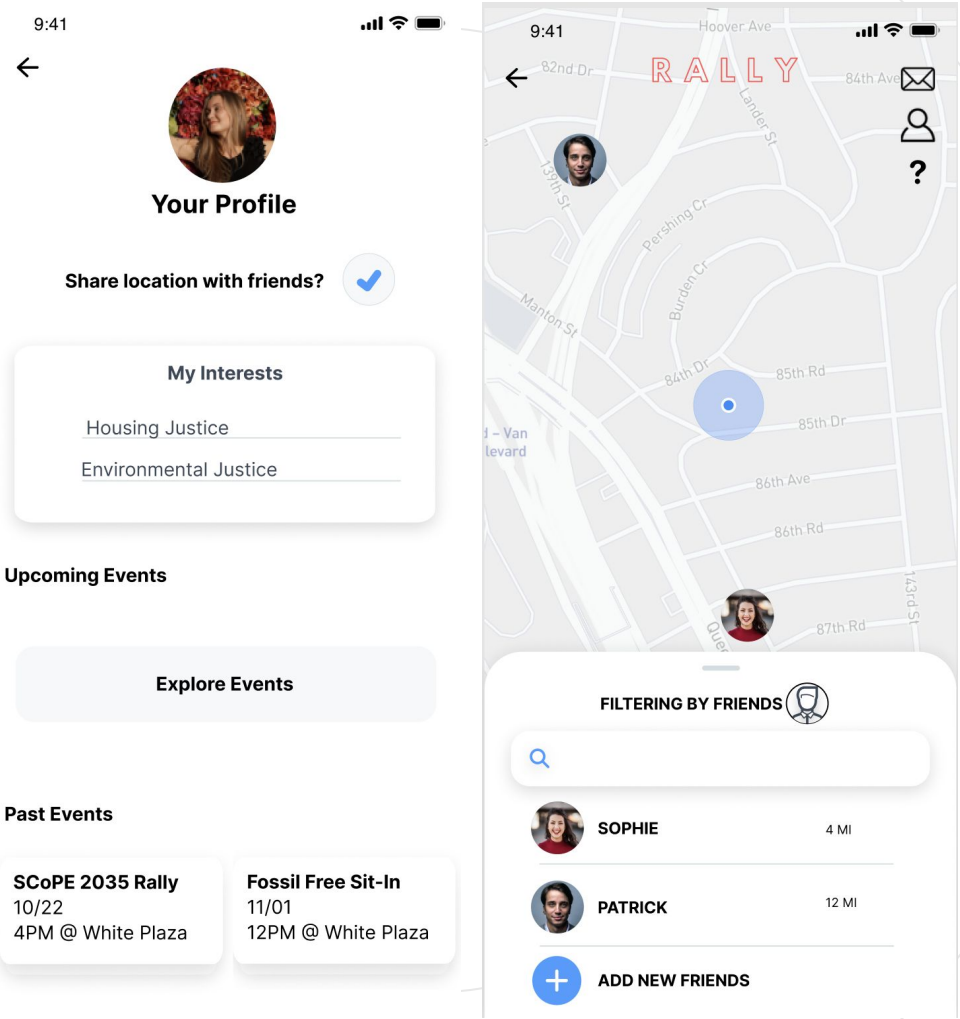
Group Chats

Added button that goes directly to the information card for the given event



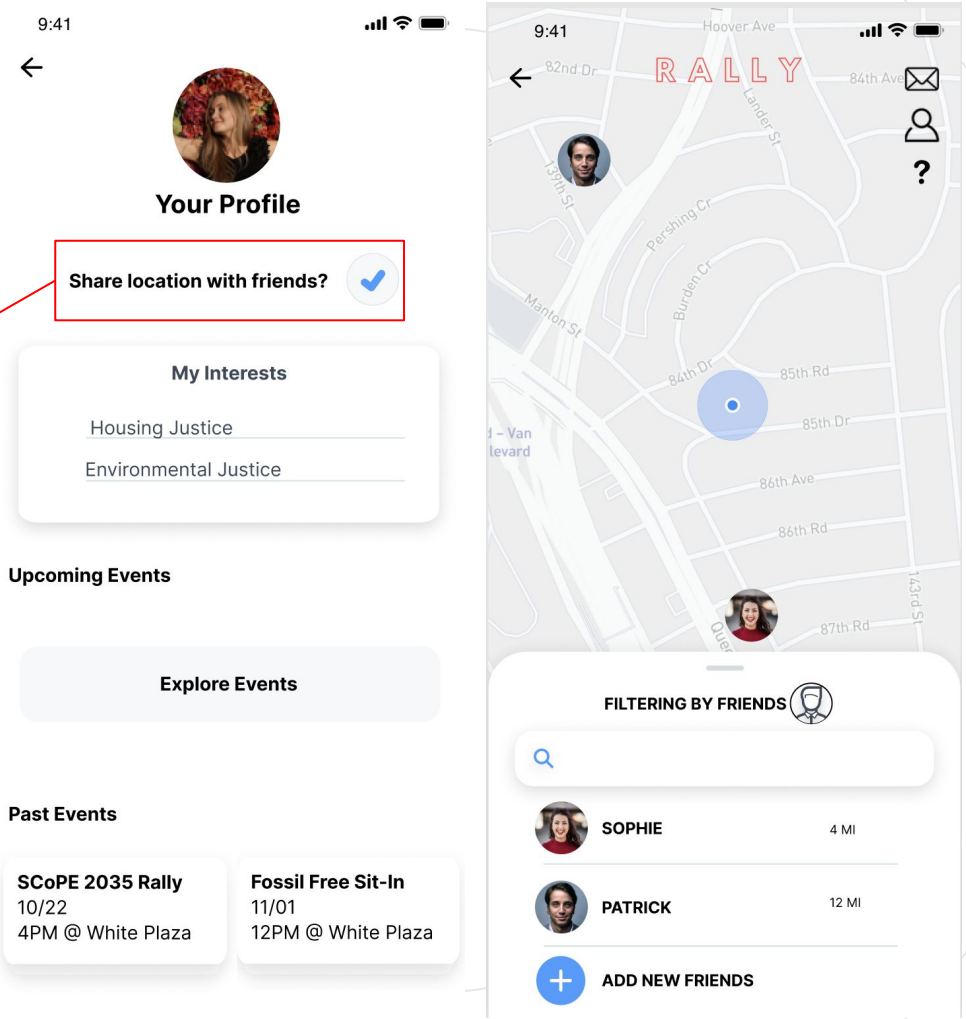
Added settings page to add functionality like leaving the rally chat

Filtering by Friends



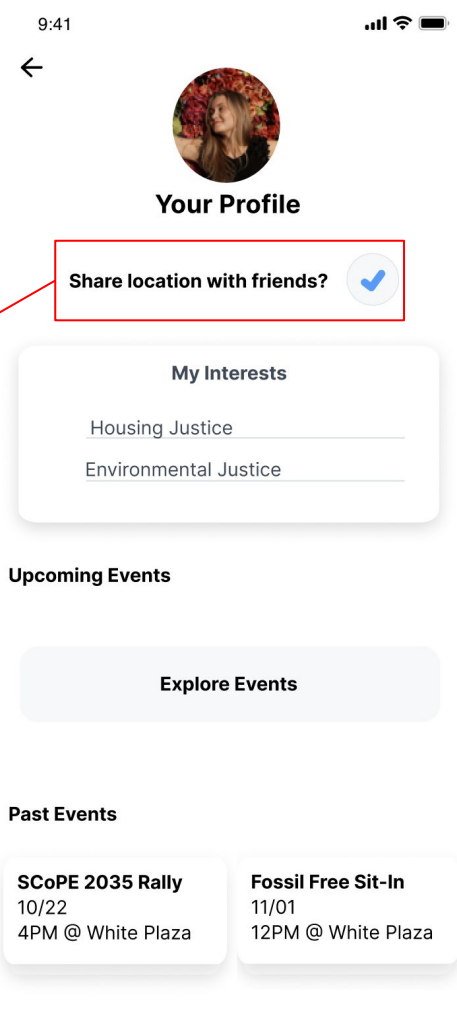
Filtering by Friends

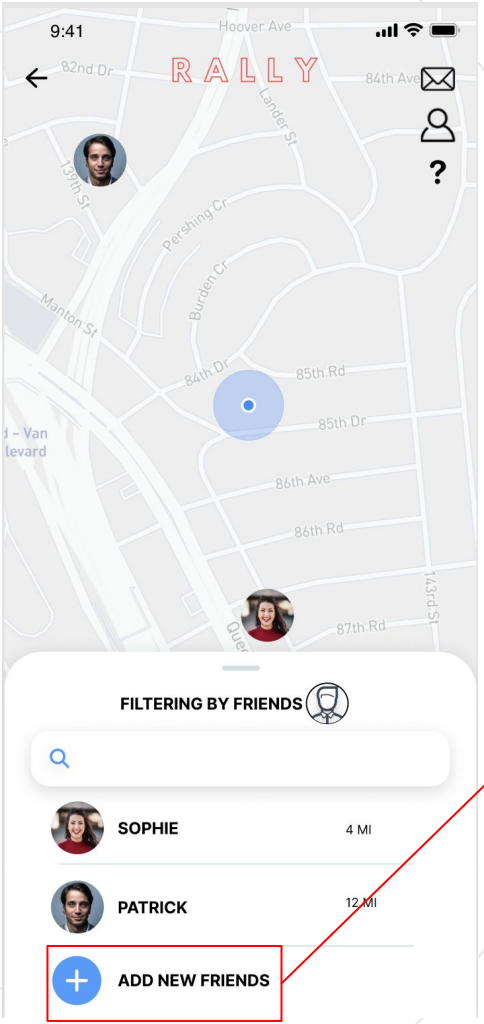
Explicit consent to sharing location with friends through this application



Filtering by Friends

Explicit consent to sharing location with friends through this application





New functionality to add new friends

Prototype Implementation Status

Tools Being Used

React Native

Expo

Implemented Features

- React-native-maps API
- Markers on Map, clicking on markers
- Events Filter, Rally Filter, and Friends Filter
- Parallax Scrolling and Scroll View
- Basic card view for events

Unimplemented Features

- Log-in
- Adding Friends
- Profile screens
- Rally cards & Icons
- Friends cards & icons
- Messaging System
- Public Transit Routes
- Location

Future Plans

Wizard of Oz Techniques

- Location-based
  - We are not using user's real-time location

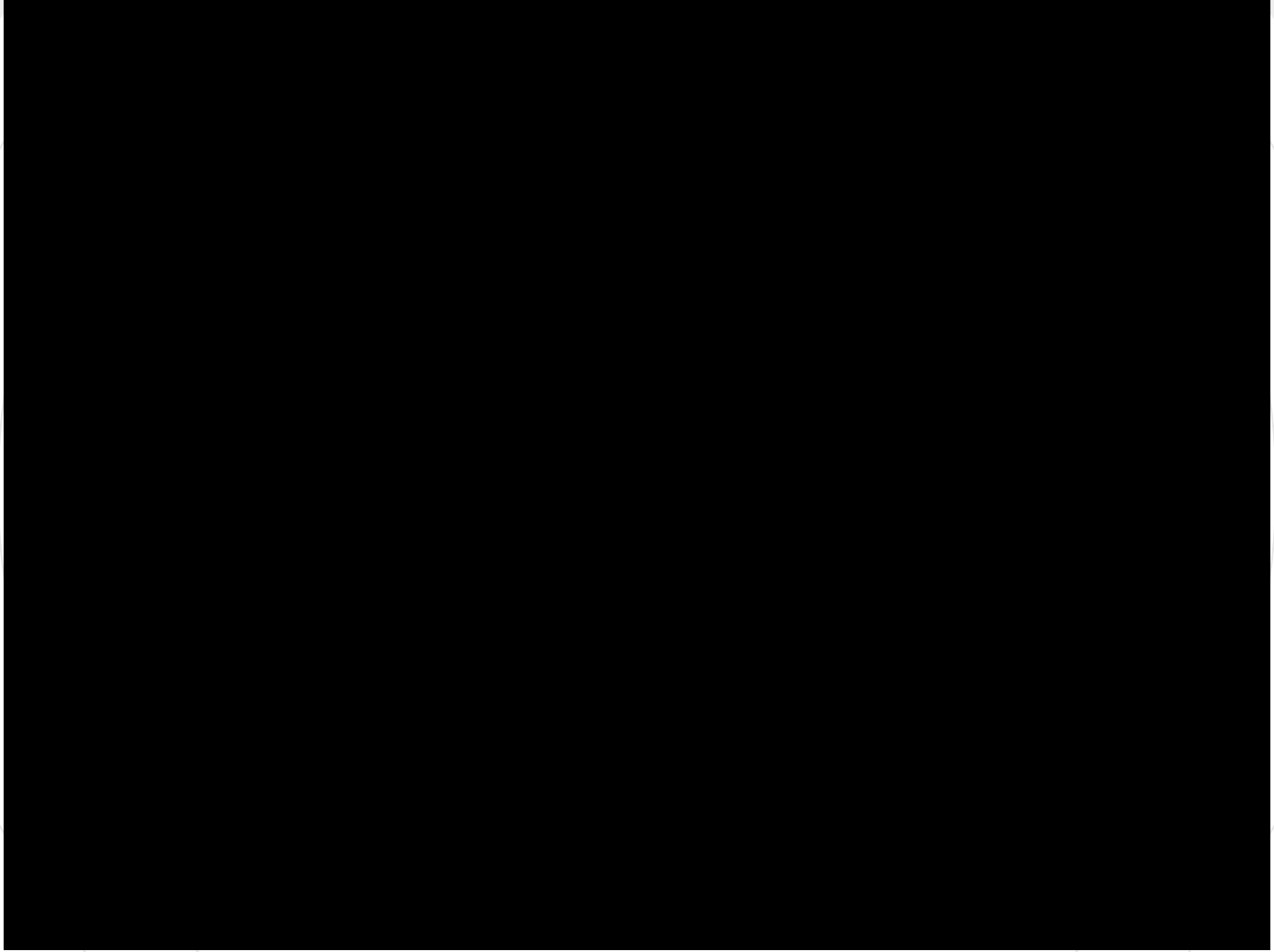
Hard-coded Data

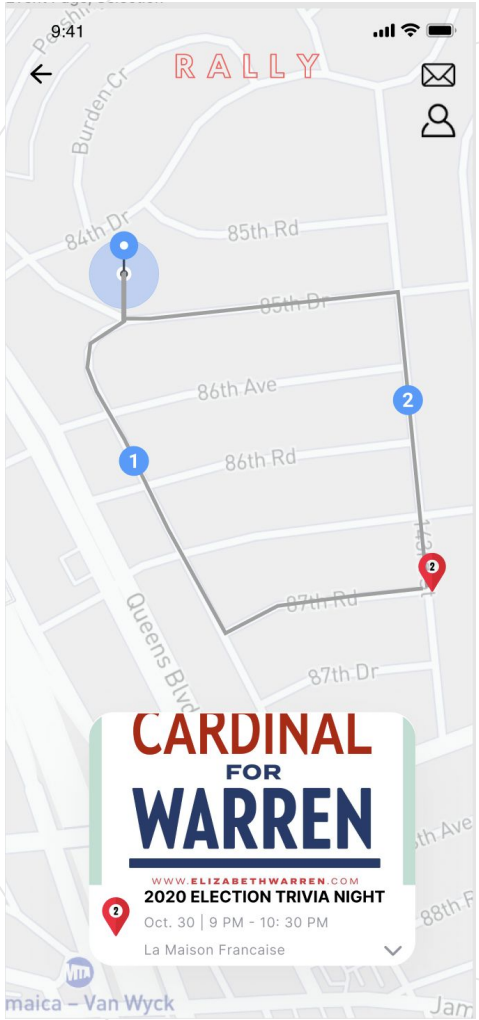
- Events
  - Numbered
  - Distance
  - Names

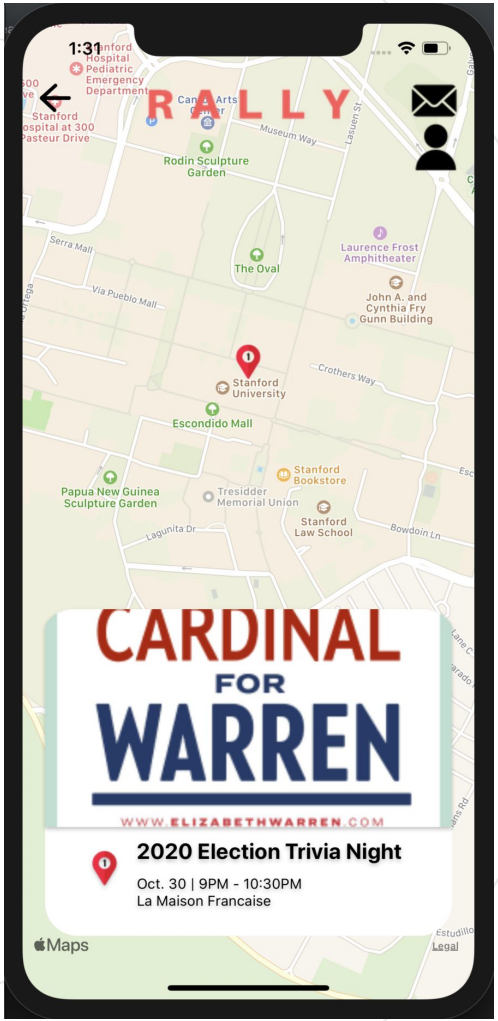
Issues/Questions

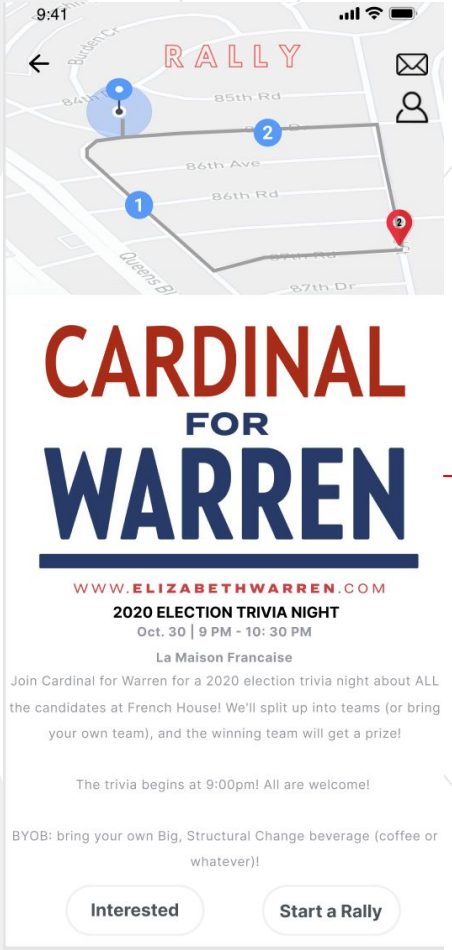
- Events API?
- Transit API?

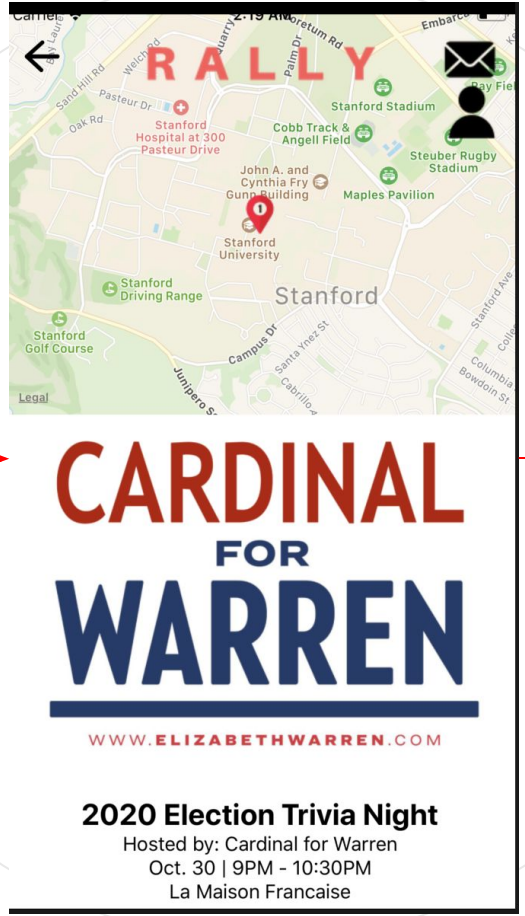
Prototype Demonstration

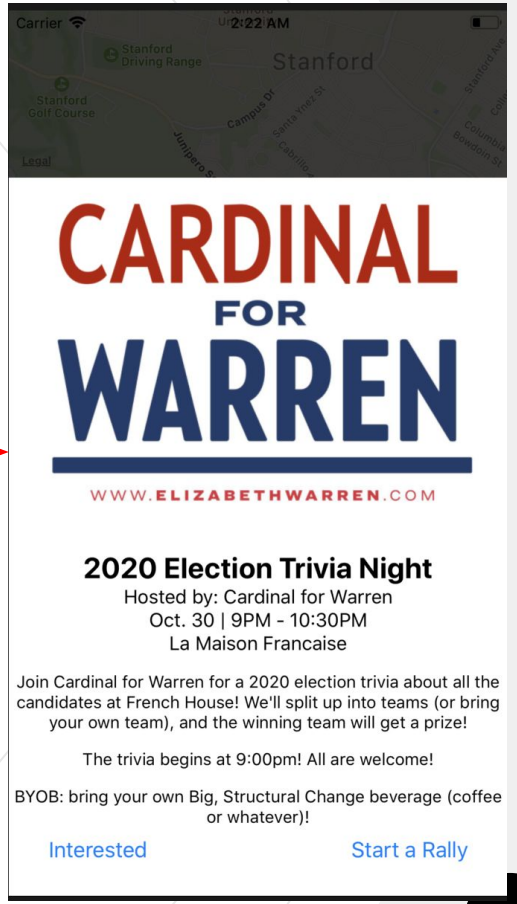



9:41
RALLY
Burden Cr
84th Dr
85th Rd
85th Dr
86th Ave
86th Rd
87th Rd
87th Dr
Queens Blvd
1
2
CARDINAL
FOR
WARREN
WWW.ELIZABETHWARREN.COM
2020 ELECTION TRIVIA NIGHT
Oct. 30 | 9 PM - 10: 30 PM
La Maison Francaise


1:31
RALLY
Rodin Sculpture Garden
Museum Way
Serra Mall
The Oval
Laurence Frost Amphitheater
Via Pueblo Mall
John A. and Cynthia Fry Gunn Building
Crothers Way
Stanford University
Escondido Mall
Papua New Guinea Sculpture Garden
Tresidder Memorial Union
Stanford Bookstore
Stanford Law School
Lagunita Dr
Bowdoin Ln
CARDINAL
FOR
WARREN
WWW.ELIZABETHWARREN.COM
2020 Election Trivia Night
Oct. 30 | 9PM - 10:30PM
La Maison Francaise
Maps


9:41
RALLY
CARDINAL
FOR
WARREN
WWW.ELIZABETHWARREN.COM
2020 ELECTION TRIVIA NIGHT
Oct. 30 | 9 PM - 10: 30 PM
La Maison Francaise
Join Cardinal for Warren for a 2020 election trivia night about ALL the candidates at French House! We'll split up into teams (or bring your own team), and the winning team will get a prize!
The trivia begins at 9:00pm! All are welcome!
BYOB: bring your own Big, Structural Change beverage (coffee or whatever)!
Interested
Start a Rally


RALLY
Stanford Stadium
Cobb Track & Angell Field
Steuber Rugby Stadium
Maples Pavilion
Stanford Hospital at 300 Pasteur Drive
Stanford University
Stanford Driving Range
Stanford Golf Course
Stanford
Campus Dr
Legal
CARDINAL
FOR
WARREN
WWW.ELIZABETHWARREN.COM
2020 Election Trivia Night
Hosted by: Cardinal for Warren
Oct. 30 | 9PM - 10:30PM
La Maison Francaise


Carrier
2:22 AM
Stanford
Stanford Driving Range
Stanford Golf Course
Campus Dr
Legal
CARDINAL
FOR
WARREN
WWW.ELIZABETHWARREN.COM
2020 Election Trivia Night
Hosted by: Cardinal for Warren
Oct. 30 | 9PM - 10:30PM
La Maison Francaise
Join Cardinal for Warren for a 2020 election trivia about all the candidates at French House! We'll split up into teams (or bring your own team), and the winning team will get a prize!
The trivia begins at 9:00pm! All are welcome!
BYOB: bring your own Big, Structural Change beverage (coffee or whatever)!
Interested
Start a Rally

Summary

- Gave users more **freedom** & **flexibility** by adding features like leaving a group chat, adding people as friends, and sharing location
- Keeping actions **visible** by indicating changes in status and designing for recognition
- Action Items
  - Events API
  - Location-based
  - Incorporate Public Transportation
  - Adding Friends functionality

Questions & Comments?