



Assignment 8: High-Fi Prototype

Team kith&kin

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Problem

Parents face isolation and feel overwhelmed as they begin to raise children, leading to detrimental mental and physical health effects.



Solution

Provide parents greater access to in person community: guidance, empathy, and shared experience improves parent and child health.

Value Proposition

We help parents find community and resources by connecting them to local events and other parents.

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01

Heuristic Evaluation

Main Violation Categories

Consistency/Aesthetics

- Visibility issues (ex. Distinguishing the background color, making buttons more clear)
- Alignment/polish consistency



Clarity

- No visible system update with regards to screen change
- Meaning of icons were unclear
- Chat history did not display message timestamps



Error Prevention

- Event RSVP was final after a single-click with no confirmation or cancellation
- Posts to a community board were public and permanent after a single click



Additional Details on Violations

Description Rework

Two severity 3 violations suggested that the event description and user profiles had too much text and to break them into separate sections.

Text on Navbar

A severity 3 violation mentioned it wasn't clear what each icon did on the navigation bar and to add text under each (Recognition Rather than Recall).

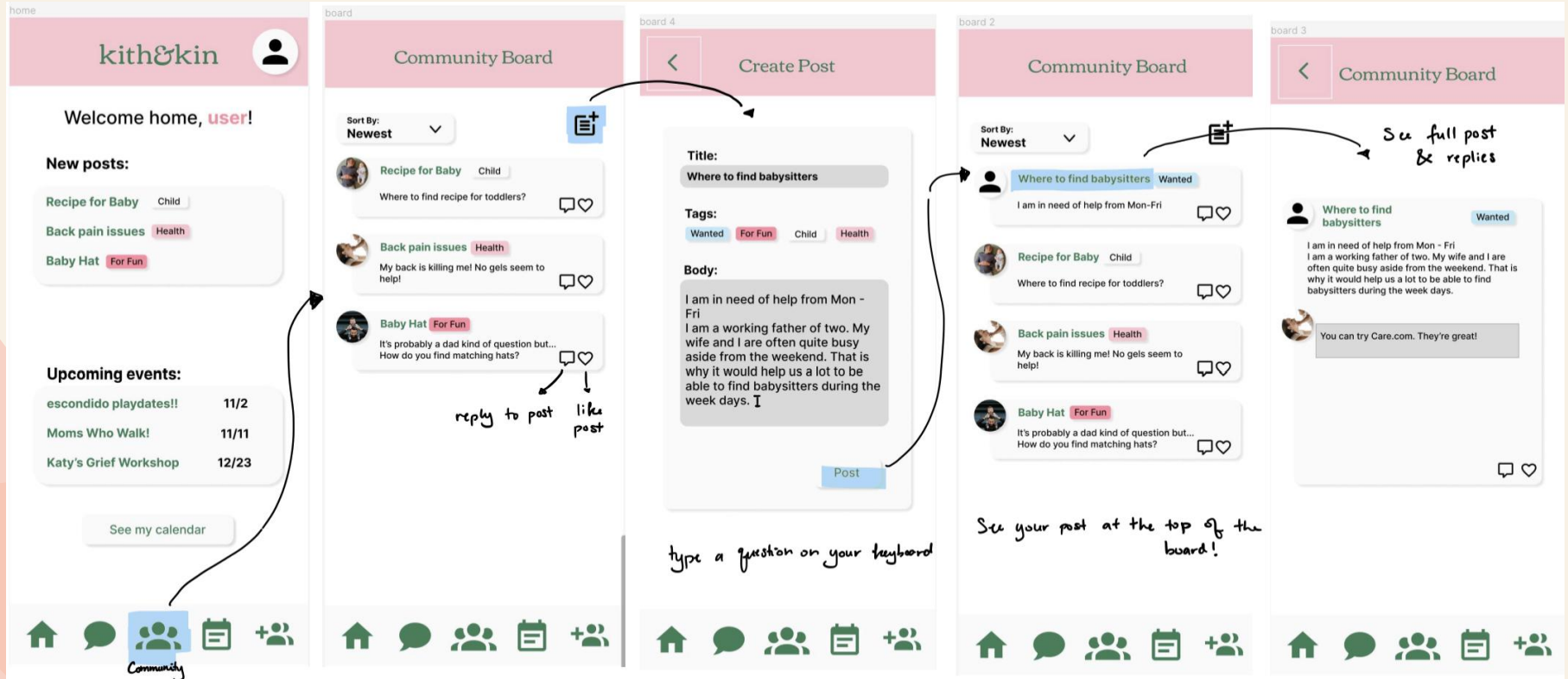
RSVP Modifications

A severity 3 violation requested more clarity on the event description page as to what "RSVP" meant and to add the ability to RSVP "Maybe" or "No" to an event.

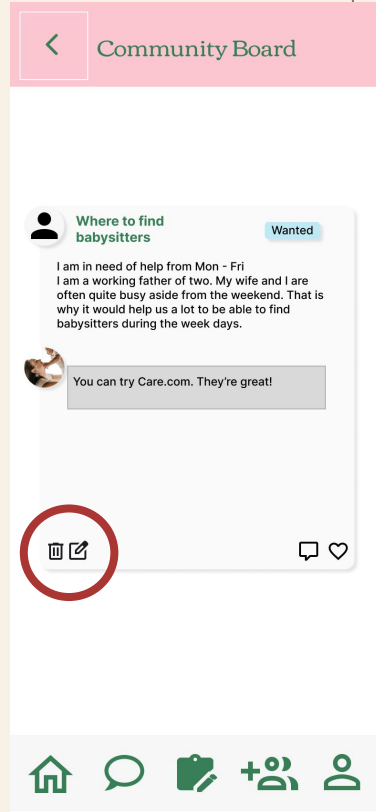
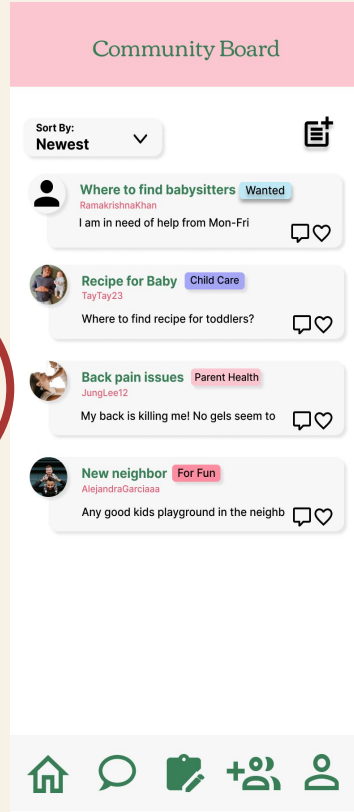
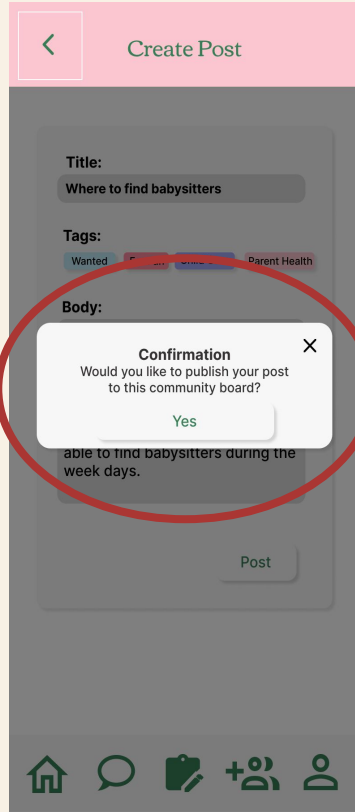
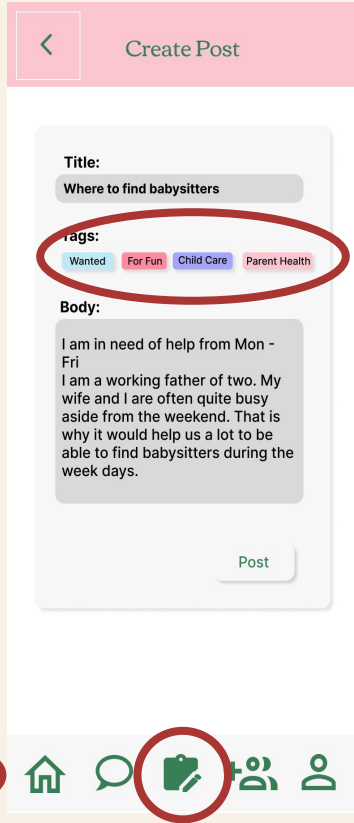
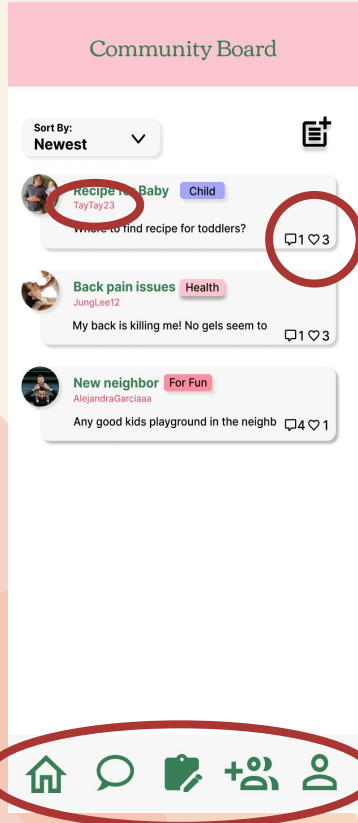
02 UI Revisions



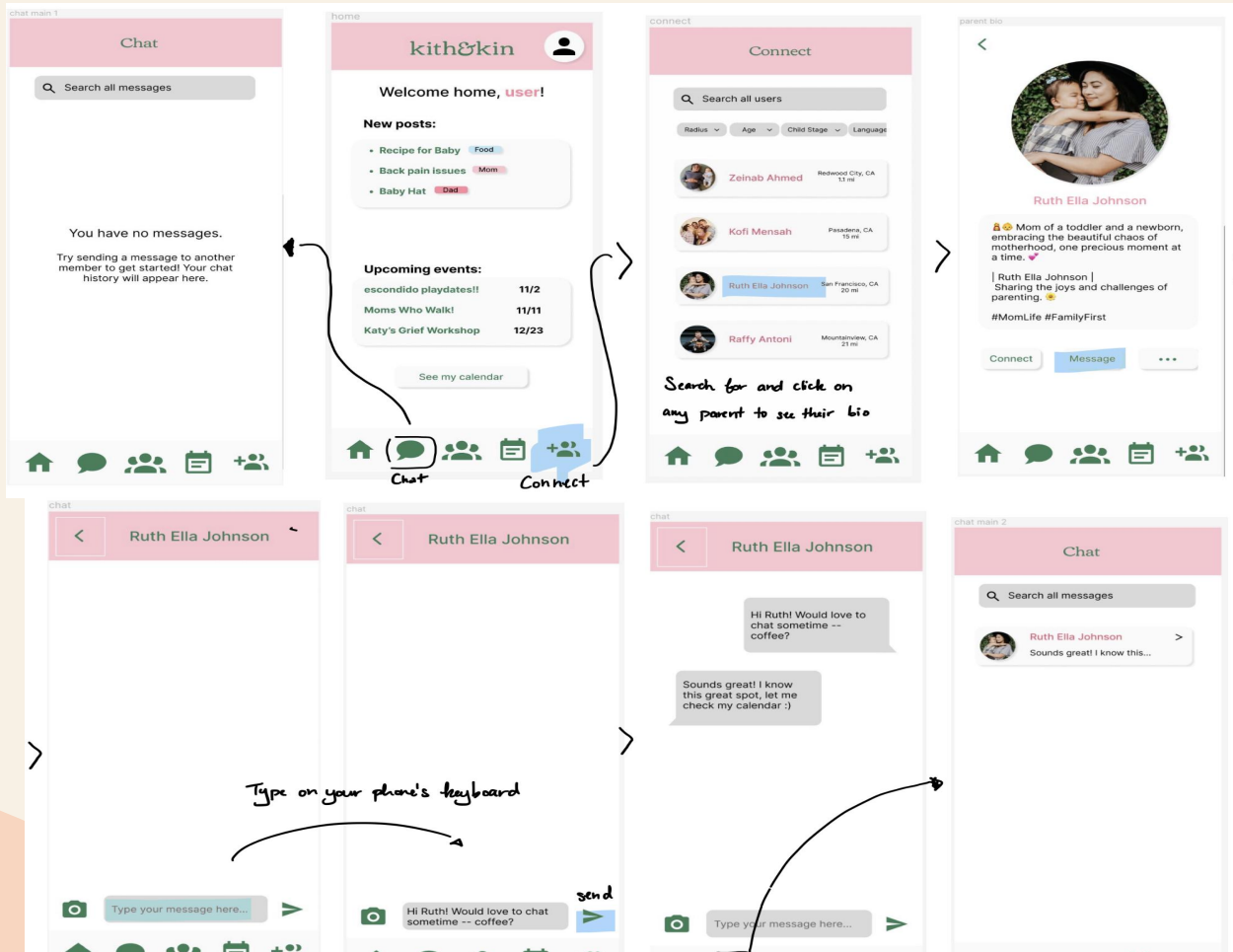
Ask a question on a community board - Before



Ask a question on a community board – After



Find and connect with a parent by sending a DM - Before



Find and connect with a parent by sending a DM – After

The screenshot illustrates the process of finding and connecting with a parent on the kith&kin app. It is divided into three main sections: the home screen, the search results page, and the direct message (DM) chat interface.

Home Screen (kith&kin): The top navigation bar includes the app name and a 'Connect' button. Below the navigation bar is a search bar labeled 'Search all events' and a 'Sort By: Newest' dropdown menu. A red circle highlights a '+' icon in the top right corner of the search bar area. Below the search bar, there are three event cards: 'Moms Who Walk!', 'Monthly Coffee + Chat', and 'Katy's Grief Workshop'. A fourth card, 'escondido playdates!!', is partially visible at the bottom.

Search Results Page (Connect): This page features a search bar labeled 'Search all users' and filter options for 'Radius', 'Age', 'Child Stage', and 'Language'. A list of user profiles is displayed, each with a profile picture, name, and location. The profiles shown are Zeinab Ahmed (Redwood City, CA, 11 mi), Kofi Mensah (Pasadena, CA, 15 mi), Ruth Ella Johnson (San Francisco, CA, 20 mi), and Raffy Antoni (Mountainview, CA, 21 mi). A red circle highlights the profile of Ruth Ella Johnson.

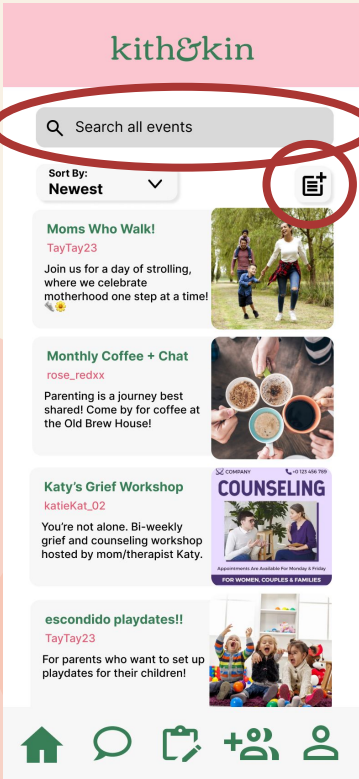
Direct Message Chat (Chat): This section shows a conversation with Ruth Ella Johnson. The chat header includes a back arrow, the name 'Ruth Ella Johnson', and a 'Chat' label. The message history shows two messages: a grey bubble from the user saying 'Hi Ruth! Would love to chat sometime -- coffee?' and a white bubble from Ruth Ella Johnson replying 'Sounds great! I know this great spot, let me check my calendar :)'. A red circle highlights the time '1:45 PM' at the end of the second message. At the bottom of the chat, there are two input fields for sending messages, each with a camera icon and a 'Type your message here...' placeholder, followed by a send arrow.

Bottom Navigation Bar: The bottom of the app features a navigation bar with icons for Home, Messages, Events, Profile, and a central '+' icon for additional options.

Search for and RSVP to an event nearby - Before



Search for and RSVP to an event nearby - After



The app home screen features a search bar at the top, a 'Sort By: Newest' dropdown, and a list of event cards. A red circle highlights the search bar, and another red circle highlights a calendar icon in the top right corner.

kith&kin

Search all events

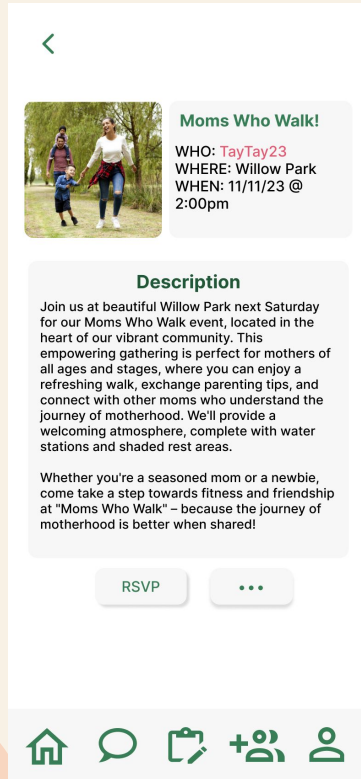
Sort By: **Newest**

Moms Who Walk!
TayTay23
Join us for a day of strolling, where we celebrate motherhood one step at a time!

Monthly Coffee + Chat
rose_redxx
Parenting is a journey best shared! Come by for coffee at the Old Brew House!

Katy's Grief Workshop
katieKat_02
You're not alone. Bi-weekly grief and counseling workshop hosted by mom/therapist Katy.

escondido playdates!!
TayTay23
For parents who want to set up playdates for their children!



The event details page for 'Moms Who Walk' shows the event title, organizer, location, and time. A red circle highlights the 'RSVP' button at the bottom.

Moms Who Walk!

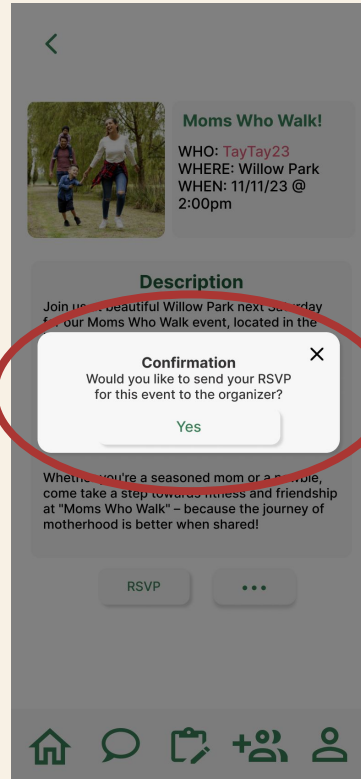
WHO: TayTay23
WHERE: Willow Park
WHEN: 11/11/23 @ 2:00pm

Description

Join us at beautiful Willow Park next Saturday for our Moms Who Walk event, located in the heart of our vibrant community. This empowering gathering is perfect for mothers of all ages and stages, where you can enjoy a refreshing walk, exchange parenting tips, and connect with other moms who understand the journey of motherhood. We'll provide a welcoming atmosphere, complete with water stations and shaded rest areas.

Whether you're a seasoned mom or a newbie, come take a step towards fitness and friendship at "Moms Who Walk" – because the journey of motherhood is better when shared!

RSVP

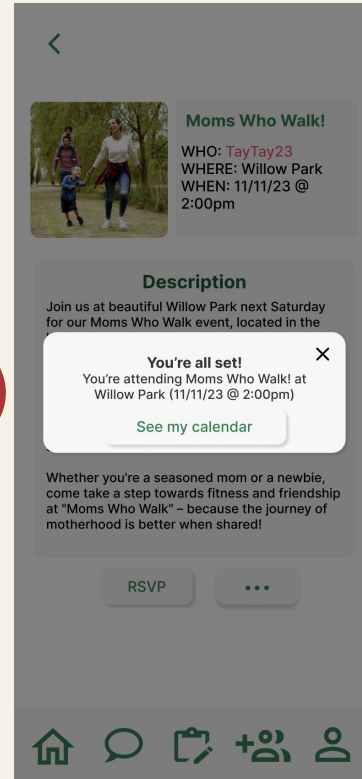


A confirmation dialog box is shown over the event details, asking 'Would you like to send your RSVP for this event to the organizer?'. A red circle highlights the dialog box.

Confirmation

Would you like to send your RSVP for this event to the organizer?

Yes



The event details page is shown with a 'You're all set!' message overlay, indicating that the RSVP was successful. A red circle highlights the message.

Moms Who Walk!

WHO: TayTay23
WHERE: Willow Park
WHEN: 11/11/23 @ 2:00pm

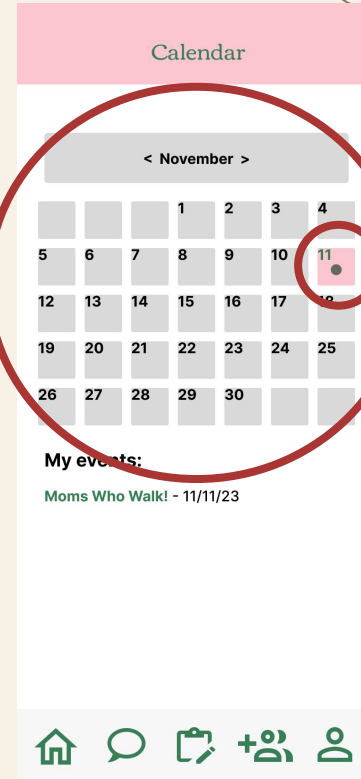
Description

Join us at beautiful Willow Park next Saturday for our Moms Who Walk event, located in the heart of our vibrant community. This empowering gathering is perfect for mothers of all ages and stages, where you can enjoy a refreshing walk, exchange parenting tips, and connect with other moms who understand the journey of motherhood. We'll provide a welcoming atmosphere, complete with water stations and shaded rest areas.

Whether you're a seasoned mom or a newbie, come take a step towards fitness and friendship at "Moms Who Walk" – because the journey of motherhood is better when shared!

You're all set!
You're attending Moms Who Walk! at Willow Park (11/11/23 @ 2:00pm)

See my calendar



The calendar app shows the event date, 11/11/23, highlighted in pink. A red circle highlights the date.

Calendar

< November >

		1	2	3	4
5	6	7	8	9	10
11	12	13	14	15	16
17	18	19	20	21	22
23	24	25	26	27	28
29	30				

My events:

Moms Who Walk! - 11/11/23

Rationale



Addressing Violation Concerns

We agreed with the majority of the violations found in our evaluation and wanted to rectify them, especially within the three main categories we identified.



Consistency With Familiar Apps

Designing the app to be more consistent with other, well-used apps lessens the learning curve required to use ours, removing the barrier to entry.



Usability Progress

Easy to navigate

New navigation buttons and search bars allow greater ease of use

Positive experience

Aesthetic edits to white-on-white element colors and shadows under buttons make for a more pleasing app experience



Customizable

Filter and search options allow users increasingly more ways to personalize their experience on the app

Robust

Users are prompted by confirmation messages and able to edit and delete posts to minimize errors and allow for easier recovery.

03

Implementation Status

Frameworks and Tools

Design

Figma

Google Material

Development

Node.js

Expo

VSCode/GitHub

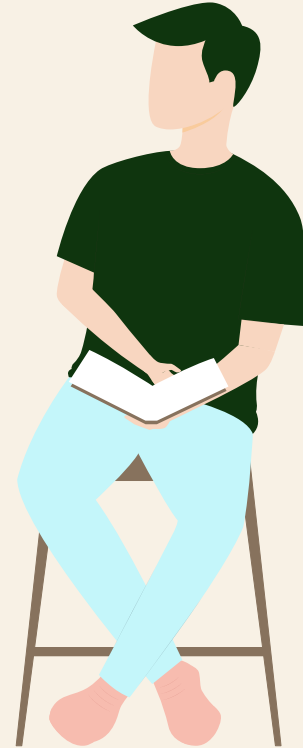
Libraries

gluestack-ui

Features

We have implemented:

- Home/Events page
- Event search bar
- Filter dropdown and New Event button
- Event Details
- Dynamic RSVP Confirmation and Success pages



Moving Forward

Unimplemented:

- Most other navigation bar screens
 - Searching functionality
- Dynamic events list update upon the creation of a new event



Limitations

Wizard of Oz

As in the medium fi, a set of nearby users were given to the user to showcase the Connect feature. Similarly, the events and their details were curated.

Hard Coded Features

The events and users displayed will be hardcoded rather than other actual accounts on the app.



Current Issues/Questions

- Passing props along to child screens to make them dynamic
- Nested navigation managers can be tricky to construct!
- Calendar implementation has a few routes for us to pursue



04 Demo





The image features a vibrant, abstract background composed of various organic, flowing shapes in shades of peach, light blue, teal, and olive green. A large, white, rounded rectangular shape is centered on the page, serving as a container for the text. The text "Thank you!" is written in a bold, dark brown, sans-serif font. There are also some thin, black, hand-drawn style lines and a small orange circle with a black outline scattered across the background.

Thank you!

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Appendix

Other Revised UI Screens

