QUEERX

README File

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Access our Hi-FI Prototype on Expo Go:

What is QUEERx and When Would You Use It?

QUEERx is a mobile healthcare provider reviewing app that allows users to search for doctors by location, specialty, name, and more; read reviews of doctor that are specific to LGBTQ+ patients; and review doctors themselves, spreading the work about safe, accessible healthcare among the Queer community.

Using dual specialty and location search, users are able to type the specifications they are looking for and see results. They may then filter those results by distance, gender, rating, and insurance.

Once they select a doctor to look at, they are able to see the doctor’s basic information, such as a description, theur phone number, and their address, and any reviews that were made about them. A user can also search these reviews for keywords.

We anticipate that this app would most often be used when members of the Queer community are searching for a new healthcare provider. This leverages the existing community-based recommendation strategy many in the Queer community use to find new doctors.

Installation Instructions for Hi-Fi Prototype

Access on the web:

exp://u.expo.dev/update/7f175612-ea77-4e20-b902-39bd8e935174

Access on iPhone or Android:

Opening the source code:

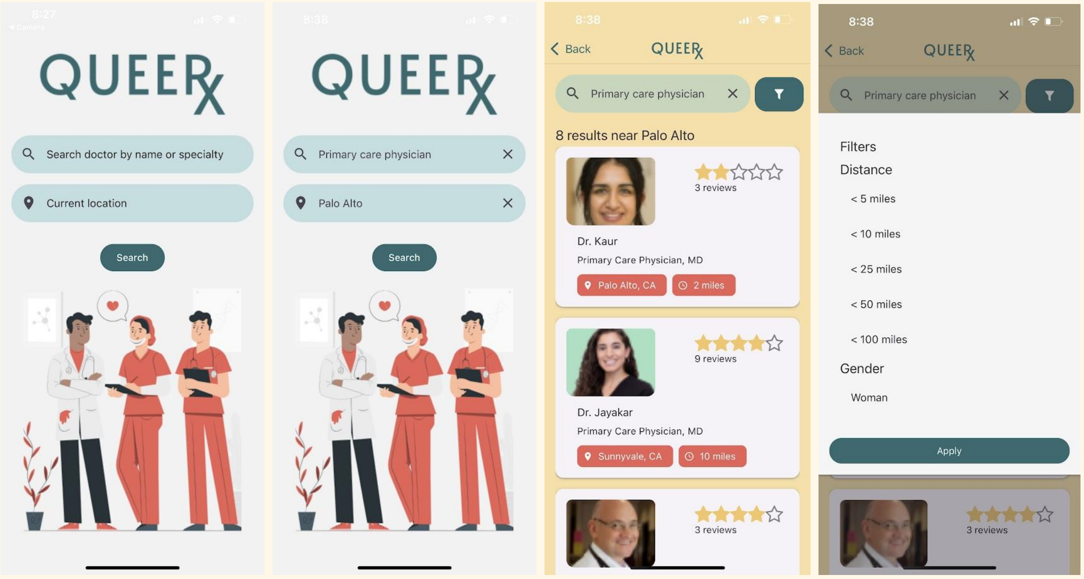
1. Download the code from Github
2. Download Expo and node and yarn
3. Open in VS Studio or your favourite text editor

4. Run yarn install or npm install
5. Run npx expo start and open either on Expo Go or iOS or android simulator

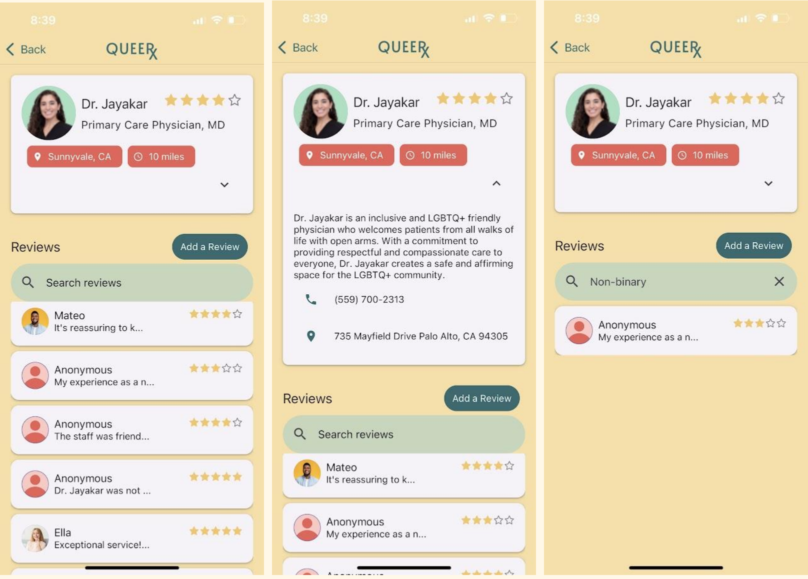
Operating Instructions / How to Use the App

The landing page for a user opening the app is the **Search** page. Using the search bars, users can navigate to the **Results** page by querying the database for doctors.They can then navigate to a doctor’s **Details** page to get more information about a care provider. We proceed task-by-task to explain how a user might navigate through the app.

The most simple task a user can perform is searching for a doctor. They may input a doctor’s name or specialty and the desired location that they are searching in. Once they receive their results, they may filter those results to better match what they are looking for. Each result shows a docto’s rating, how many reviews they have, their name, their specialty, and their location. Below are some screens showing how a user can search for a primary care physician.



The next task is looking at a specific doctor. Here, a user can see important information about a doctor and reviews for that doctor, with the ability to search through those reviews.



Dr. Jayakar ★★★★☆
Primary Care Physician, MD
Sunnyvale, CA · 10 miles

Search reviews

Mateo ★★★★☆
It's reassuring to k...

Anonymous ★★★☆☆
My experience as a n...

Anonymous ★★★★☆
The staff was friend...

Anonymous ★★★★★
Dr. Jayakar was not ...

Ella ★★★★★
Exceptional service!...

Dr. Jayakar ★★★★☆
Primary Care Physician, MD
Sunnyvale, CA · 10 miles

Dr. Jayakar is an inclusive and LGBTQ+ friendly physician who welcomes patients from all walks of life with open arms. With a commitment to providing respectful and compassionate care to everyone, Dr. Jayakar creates a safe and affirming space for the LGBTQ+ community.

☎ (559) 700-2313

735 Mayfield Drive Palo Alto, CA 94305

Search reviews

Mateo ★★★★☆
It's reassuring to k...

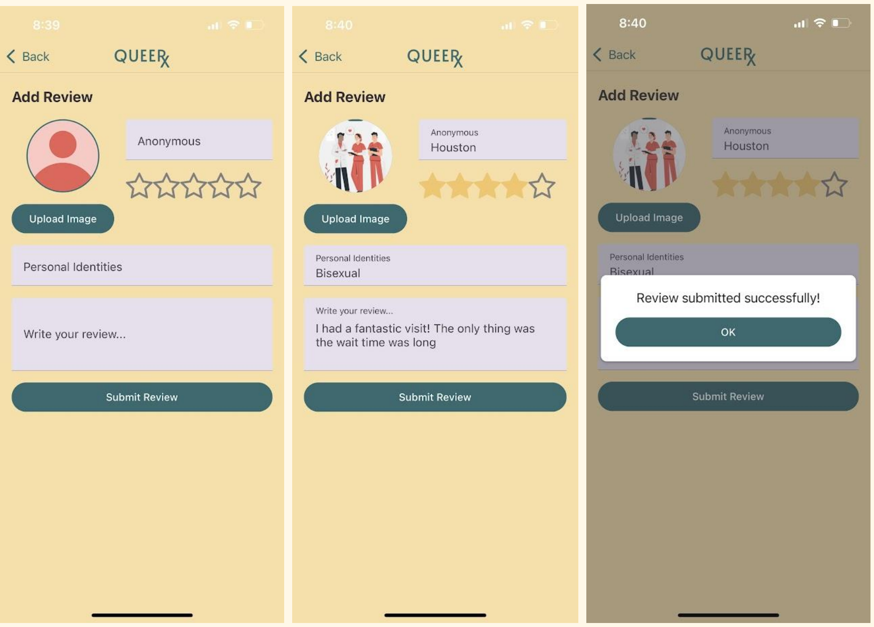
Anonymous ★★★☆☆
My experience as a n...

Dr. Jayakar ★★★★☆
Primary Care Physician, MD
Sunnyvale, CA · 10 miles

Non-binary

Anonymous ★★★☆☆
My experience as a n...

Finally, a user can add a review for themselves. Here, they can pick a rating, write their name and add a picture or choose to stay anonymous, identify their own identities, and write their review.



Anonymous ☆☆☆☆☆

Personal Identities

Write your review...

Anonymous: Houston ★★★★☆

Personal Identities: Bisexual

Write your review...: I had a fantastic visit! The only thing was the wait time was long

Anonymous: Houston ★★★★☆

Personal Identities: Bisexual

Review submitted successfully!

Limitations

Coding Limitations

The current limitations of our code are the hard-coded aspects as well as an incomplete filter segment. The filter does not always apply correctly, which we would like to iterate on in the future. Our doctor data and reviews are all hard-coded and we do not have a database, so that is another limitation. More of the coding limitations are covered in the Wizard of Oz and hard-code section.

Content Limitations

Since our doctor profile information and reviews are hard-coded to give users a taste of what the fully-fledged community interaction would look like, our content is limited to generated statements or statements based on needfinding interviews with member of the Queer community. In the future, it would be vital for our app to include real interactions between patients and doctors to provide honest and helpful reviews.

Wizard of Oz/ Hard-coded features

The information in each doctor profile, which includes an image, their name, their specialty, a description, their phone number, their address, and their distance from the user, is hard-coded. The information in each review, which includes their name, an image, their personal identities, their star rating, and their review itself, are also hard-coded. This limits the effective use of filtering since there is no actual distance calculation, so the doctors that are 2 miles away will always be two miles away. In the future, it would be important to design an algorithm with the ability to read a user's location, calculate distance, then effectively sort search results for what the users wants, atking into account filter specifications, query specifications, and distance calculations.

Software and Design Tools Used

- We redesigned our app on Figma based on problem areas or feedback we received.
- We wrote our code in React Native using Expo.
- We used React Native Paper for some components and functionality
- We manually sourced our content for our doctors and reviews with some help in setting up the framework for each piece of data from GenerateData
- VS Code was utilized in the coding process and our GitHub repository can be found here