rekindl

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CS 194H
Final App README
Link to Prototype: https://expo.io/@rcole34/rekindlapp

React Native / Expo

React Native is a framework developed by Facebook that allows the development of native mobile apps using only Javascript and React. Expo is a free and open source toolchain built around React Native that allows for the apps to be run and visualized in real-time during development and beyond.

We built **rekindl** to be executed on an iPhone X running iOS 11. We did our best to make it responsive, but some layouts may not render quite as planned on older devices.

To open **rekindl** on mobile:

1) Download the Expo Client app
2) Access the QR code to the prototype through this link (also available on our website): https://expo.io/@rcole34/rekindlapp
3) Scan the QR code in the Expo app, or press the "+" in the top right corner and enter "@rcole/rekindlapp".

How to Use the Prototype

Implemented Tasks:

1) Send a text to a friend in need of rekindling

Choose a friend from the "vanishing" category of friends you have not met up with for a while. Click on their icon to view their profile card, and then hit the message icon at the bottom to quickly send them a text! If you are satisfied with how you have reconnected with that friend, you can then click "Rekindle Friendship" to reset their fire back to its full size!

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2) Add a new friend to the app

Click the "+" in the top right corner, enter your friend's information, and press "Save." It's as easy as that!

3) Set your status so that friends know what to talk to you about

Click the profile icon in the top left of the home screen, then tap the pencil next to your current status and enter a new one. Now your friends will know how to break the ice with you!

Additional Information/Features

We have also completed implementing a back-end for this application, powered by Firebase. When you open the app for the first time, you will be prompted to either sign up or sign in before viewing your account. Account preferences can be configured in the settings page, accessible from the user profile screen. From there, you can sign out, delete your account, send us feedback on the app, or edit/delete your existing connections.

Limitations

The greatest limitation with our final app is that, without our own back end server, there is not a good way for us to handle sending users push notifications. We configured Expo to be able to send notifications to the users, but did not find a way to do so without the user currently being in the app. We also looked into using Firebase, where we were storing our data, to send push notifications, but this feature of Firebase was not compatible with React Native apps still connected to Expo. If we were to continue with this project, we could eject the app from Expo and build it as a native iOS app and configure notifications that way, but that would involve changing many of our modules, as a good number of the elements we currently use are provided by the Expo framework and would not work if we ejected from Expo.