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CS 147 Local Community Team 2
High-Fi Protoype README
Link to Prototype: https://expo.io/@rcole34/rekindl

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 7+ running iOS 11. It can be run on other devices, but some layouts may not render quite as planned.

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/rekindl
3) Scan the QR code in the Expo app, or enter press the "+" in the top right corner and enter "@rcole/rekindl".

How to Use the Prototype

Implemented Tasks:

1) Check Notifications

Checking your notifications with a connection is done simply by tapping on their entry on the Home page. Notifications with connections are visually indicated on the Home page through a numbered badge on their profile picture and their name in **bold**. When notifications are indicated, going to their detail page automatically shows you the recent activity log with that connection in place of the default fire icon in the middle of the page.

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2) Send Text

To send a text to a connection, go to their detail page and tap on the “Send Text” icon. This will pull out Messages on your iPhone with a text pre-populated with their phone number and a placeholder message that you can edit, and you can send the text as you normally would.

3) Send High-Five

To send a high-five to a connection, go to their detail page and tap on the “Send High-Five” icon. This will pull up a screen where you tap to confirm the high-five, and then it automatically sends with a confirmation alert.

4) View Memories

To view your memories, you can go to the Memories tab on the bottom of the screen, which automatically takes you to the “Memories with **All Friends**” view of the Memories page. You can then change the filter to view memories with individual friends. Alternatively, you can directly view memories with individual friends by navigating to their detail page then tapping on the “Shared Memories” icon.

5) Add a Memory

To add a memory, go to the Memories page then tap the blue “**+**” on the top right corner of the screen. This takes you to a page where you can upload a photo from your camera roll and specify which friend you are sharing this memory with. To upload a photo, tap on the photo icon on this page and your camera roll will appear. Tap on the red “Save” button at the bottom right to upload the photo.

6) Edit Profile

To edit your profile, tap on the Profile tab on the bottom of the screen, which takes you to your Profile page. To edit your name, birthday, and profile picture, tap on the pencil icon to the right of your displayed name. Tap on the red “Save” button at the bottom right of the edit page to save your changes.

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7) Edit Schedule

To edit your schedule, go to your Profile page by tapping on the Profile tab on the bottom of the screen. Tap on the "Update Schedule" icon, then mark your free times by tapping on the individual boxes corresponding to 30 minute time slots throughout the day. Tap again to change a time slot to busy. Blue indicates free time and white indicates busy. Change the day of the week by tapping on the "SMTWTFS" boxes at the top. Your schedule will remain the same for all weeks in the future until you decide to edit it again. **Your schedule will not store state/changes will not persist (not implemented)**.

8) Compare Schedules

To check a connection's schedule and compare it to your own, navigate to that connection's detail page. Tap on the "View Schedule" icon to view their schedule, with light orange boxes indicating free time. Toggle the "Highlight Shared Free Time" control to directly compare their schedule with your own. Shared free times will appear as a darker orange.

Limitations

To focus on our main functionality and core tasks, we left out certain features in this prototype.

Unimplemented Tasks:

- Setting up accounts and registering as a new user
- Push notification system
- Linking your Facebook account and adding connections from Facebook
- Adding connections from Apple Contacts
- Linking your schedule to Google Calendars
- Uploading different formats of media (video, audio, text, etc.)
- Uploading multiple photos at once

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- Updating the recent log and “last connected” for adding a memory with a connection
- Adding captions, timestamps, locations, and comments to photos/other media and corresponding search capabilities
- Searching for connections on the Home page
- Updating app settings, which would contain features such as push notification settings and managing when and how a user wants to be reminded to connect with friends
- Having changes to your schedule store state/persist.

Additionally, all connections and their information in the app are hard-coded to simulate real connections since account creation has not been implemented yet. Your own schedule is hard-coded, although randomized.