Coalease High-Fidelity Prototype README

Software Used:

Our high-fidelity prototype was built utilizing React Native and Expo. Our development and testing relied on Apple Xcode's ios simulator.

Operating Instructions:

In order to run the application, you must complete the following steps.

- Download the application repository from github (a .zip file).
- Unzip the file and navigate to the application repository named coalease either via terminal, command prompt, or a graphical interface.
- Once one has navigated to the application repository, run the command "npm install" in order to install the necessary dependencies.
- Once "npm install" is completed, run the command "expo start". This command should open up a web browser tab.
- Once the browser tab opens, press the ios simulator and the application will begin to run.

Hard Coded Elements:

In order to provide content for an application that requires other users to be fully functioning, we hard coded certain information.

- The profiles that a user is able to see on the dashboard tab.
- The locations and pictures of buildings on the profiles and map tab.

Limitations:

While we have implemented multiple features, the app is not perfect and has more features yet to be implemented due to time constraints.

- There is currently no sign-up flow when a new user enters the application.
- The search bar on the dashboard does not allow the user to actually search for a specific individual or location based on what the user enters.
- The auto-response message and message history is not saved once the user presses the chat tab again.
- The user is not able to add more than one additional individual to a group chat even if the user has saved multiple users.
- The search bar on the chat tab does not allow the user to search for specific individuals and messages.
- The rent filter on the map tab does not change the locations displayed.
- The search bar on the map filter does not change the state or city of the locations displayed.