BUDSIES

Hybrid Collaboration ~ CA: Yuyu Lin
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Operation Instructions

The application supports iPad (8th Generation) in landscape mode. You can try running on different iPads, but the layout may be different than intended.

You have 2 options to run this application:

1) Expo Link
    a) Download Expo Go on your tablet
    b) Login to the Expo Go app using these credentials
        i) Username: budsies
        ii) Password: supersecurebudsies345
    c) Scan the QR code with your tablet, and open the link.
        i)
2) Github Link
    a) Install the Expo CLI on your computer found here
    b) Navigate to this Github Link and clone

c) Use npm to install the node packages “npm i”
d) In the root of the directory, run “expo start”
e) Download Expo Go on your tablet
f) Scan the QR code with your tablet, and open the link.

Limitations + Hard-Coded Items

- Video conferencing is not actually supported, mocked by animated avatar gifs
    - We did not support actual video conferencing because of the cost and complexity of implementing it. Furthermore, we found no suitable solutions that offered AR face avatars that supported React Native. The time to convert native code to use React Native is out of scope for this project. To compromise, we simulate avatars talking by using gifs. You can stop talking by muting yourself.
- The subtitle button on the show screen does not toggle CC on Youtube
    - The API used for YouTube does not support toggling CC on and off. In order to preserve the design of the screen, the subtitle button is still there, but it has no functionality.
- You can only select from a pre-defined list of shows and games
    - Since we cannot embed most video streaming platforms like Netflix or Hulu, we used Youtube because it’s embeddable within the app. We hardcoded certain videos to demonstrate functionality, but it is possible to add more.
    - Likewise, we chose certain games to demonstrate the group atmosphere of playing together. These games are chosen based on how well they work together with multiple players.