

Fandom

We are Fandom and our goal is to Make Every Game a Home Game.

Limitations

- Instead of having a log in process to distinguish between bar users and normal users, we've decided to create two different APK's that have the different functionalities.
- We are using random numbers for our fan ratings, fan distributions, and rsvp counts instead of actually using AI to predict these values using Twitter Data

Cool Features

- We've used the Yelp API to get real bar information including locations, images, and ratings
- We also are using real NFL scheduling data from the NFL's scheduling API

Installation Instructions

- Fandom is only available for download on Android
- On our website you will can find our bundled APK that you can download and run on your own device by following the instructions found here:
<https://www.cnet.com/how-to/how-to-install-apps-outside-of-google-play/>
- If you want to run the APK on an emulator, please download and install Android Studio and follow the instructions found here:
<https://stackoverflow.com/questions/3480201/how-do-you-install-an-apk-file-in-the-android-emulator>

Operating Instructions

Home Screen

1. When you open the app for the first time, you will be prompted to visit your profile and select your favorite team(s)
2. You can navigate back to the home screen by hitting the back button in the top left corner.
3. If you click on the search bar, our drop-down selector will be pre-populated with up-coming games for your favorite team(s). You can also search for any team to see their upcoming games.
4. Click on a game to close the search bar and then click on that game again to view all the bars that are playing that game.

Bar List

1. Each bar list item contains:
 - Real yelp reviews and picture
 - A rating indicating how friendly that bar is to a team's fans (this is calculated from scraping twitter data and Fandom RSVPs)

- An RSVP button
2. You can sort the bar list based on how friendly the bar is to a specific team's fans
 3. Clicking on a bar item will center the map on that bar's location and a call-out will pop up on the bar's pin
 4. Clicking RSVP saves that event in your personal RSVP list

Regular User Profile

1. A user's profile is accessible by clicking the user icon on the left of the search bar
2. The first screen in the user profile is the rsvp list that shows which events a user has rsvp'ed to.
3. You can then navigate to other screens by using the bottom navigation bar.
4. Regular users can update their favorite teams by clicking on the heart icon in the navigator and selecting or deselecting teams

Bar User Profile

1. In addition to the features found in the regular user profile bar can also access to two additional features:
 - Event Scheduling
 - Fan Distribution visualization
2. Click on the clock icon in the navigator and the scheduling view appears. Here we are generating a suggested event schedule based on the distribution of fans around you. Try creating the optimal schedule for 12/31/17!
3. Click on the bar graph icon to navigate to the fan distribution view. Here you can see the distribution of fans in the area around your bar. Use the slider to change the search radius.