

# Midway Milestone

FANDOM

# Meet the team



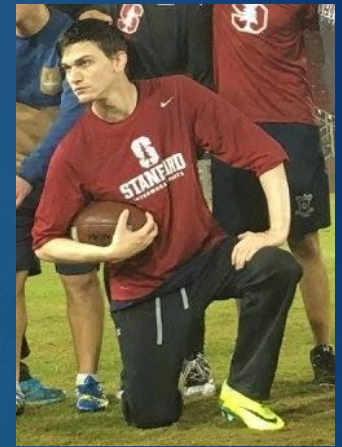
Jacob



Pascal



Andres



Jordan

## **Value Proposition:**

Make every game feel like a  
home game

# Problem/Solution Overview

## Problem

- ▶ Watching sports in a new city can be a very isolating experience
- ▶ This counteracts the inherent social nature of sports

## Solution

- ▶ Empower fans to find places where they can watch their favorite teams and bond with like minded individuals

# Road Map

- ▶ Heuristic Evaluation Results
- ▶ Prototype Status
- ▶ Demo

# Heuristic Evaluation Results

# Non-intuitive interface

## Problem

- ▶ Grid representation of fan preference is confusing
- ▶ Fan distribution does not map well to a square grid

## Solution

- ▶ Get rid of it



# Constricting & Confusing Filter

## Problem

- ▶ Filtering for sport and team is confusing
- ▶ No default preference or personalization

## Solution

- ▶ Use personalized search



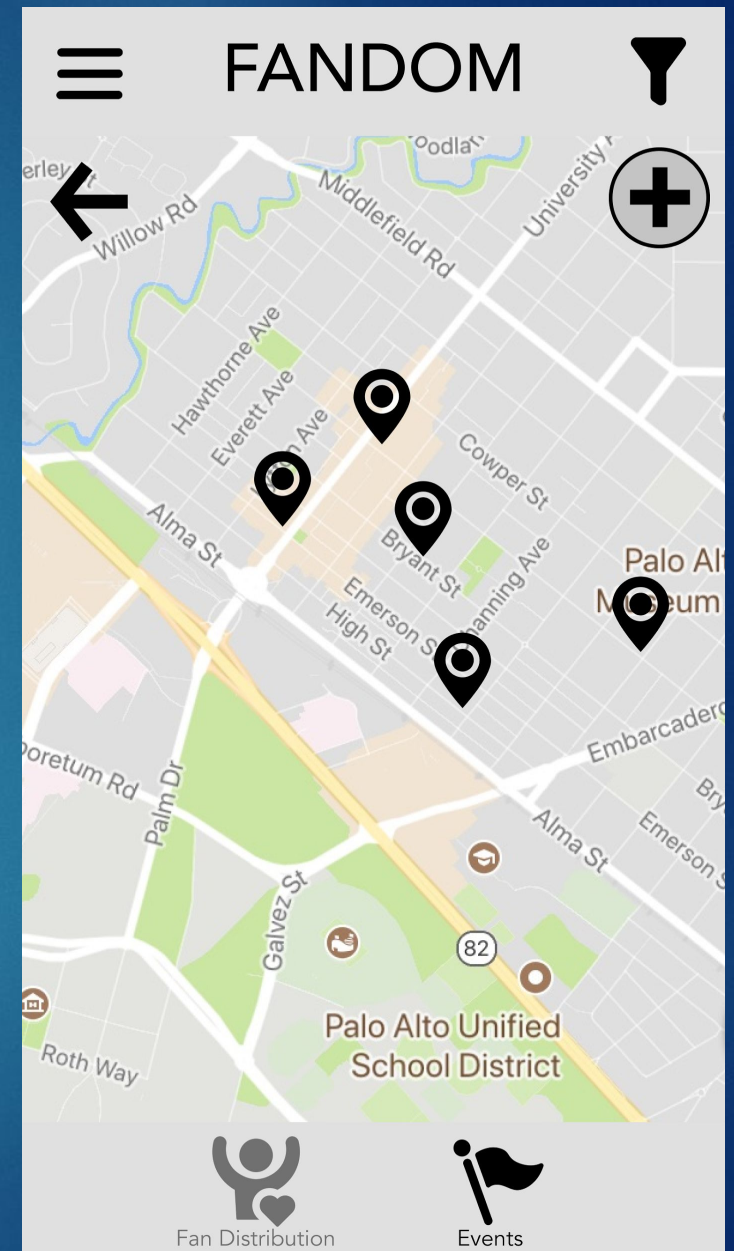
# Poor Event Info Visibility

## Problem

- ▶ At a glance I can't tell which event is for which team
- ▶ At a glance I have no idea when each event is

## Solution

- ▶ Provide a sorted list of events with information in addition to the map itself



# We Made Big Changes

## Old

- ▶ Filter by sport and team
- ▶ Find event through filter and select
- ▶ Area based fan distribution

## New

- ▶ Filter by game
- ▶ Find event through search and select
- ▶ Event based fan distribution

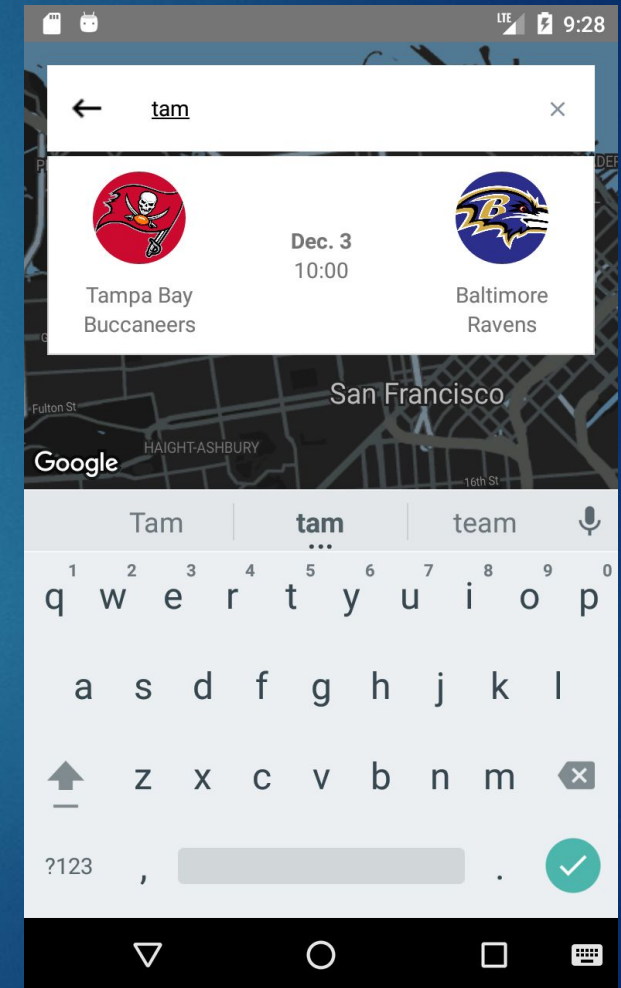
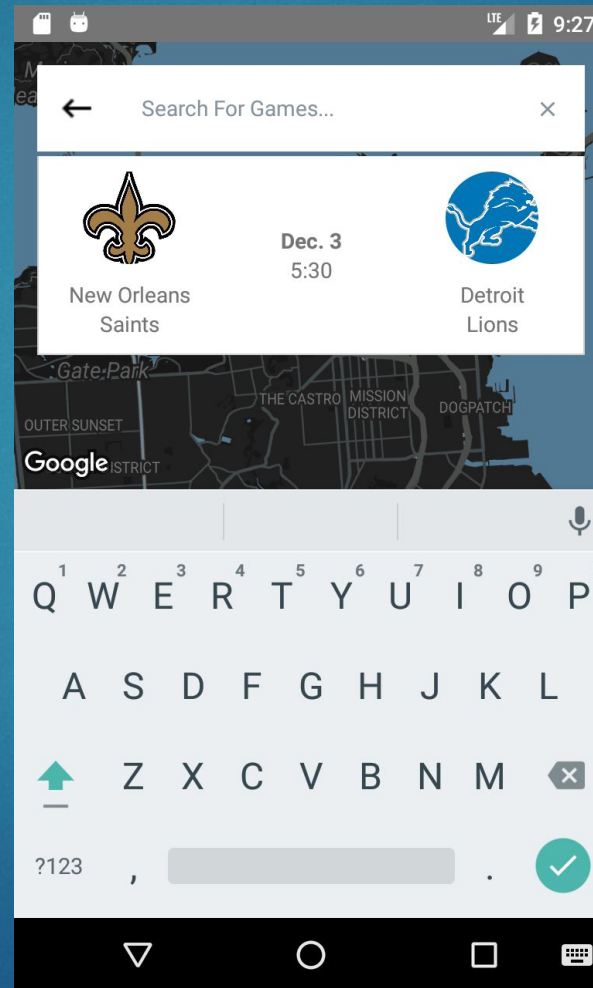
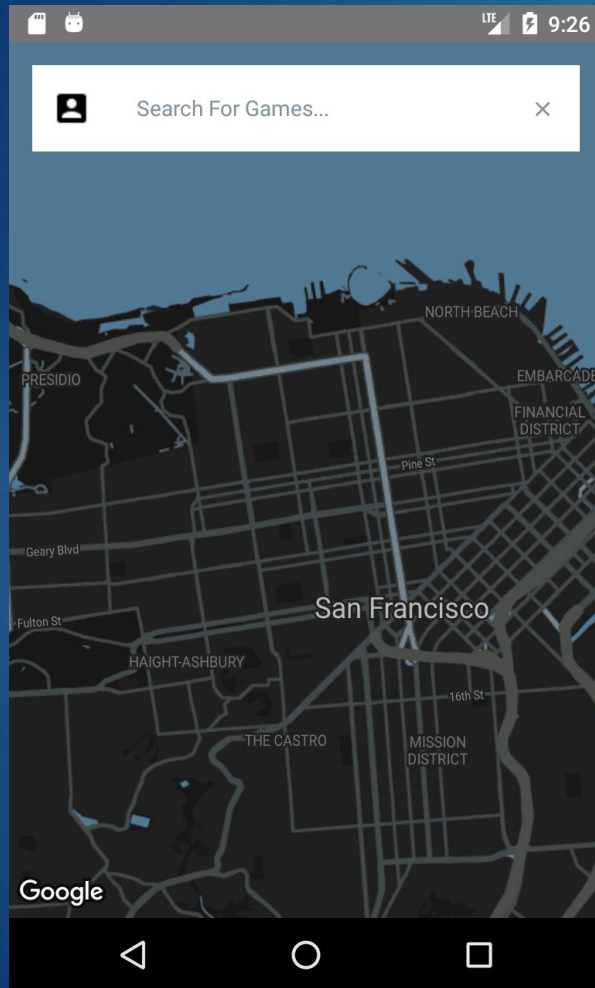
# Prototype Status

# Tools Used

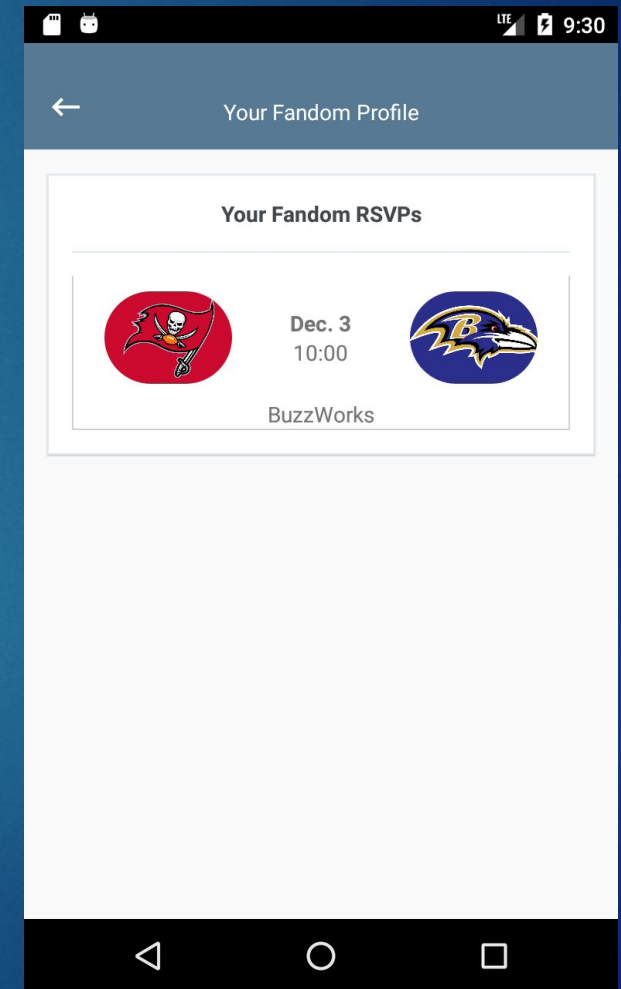
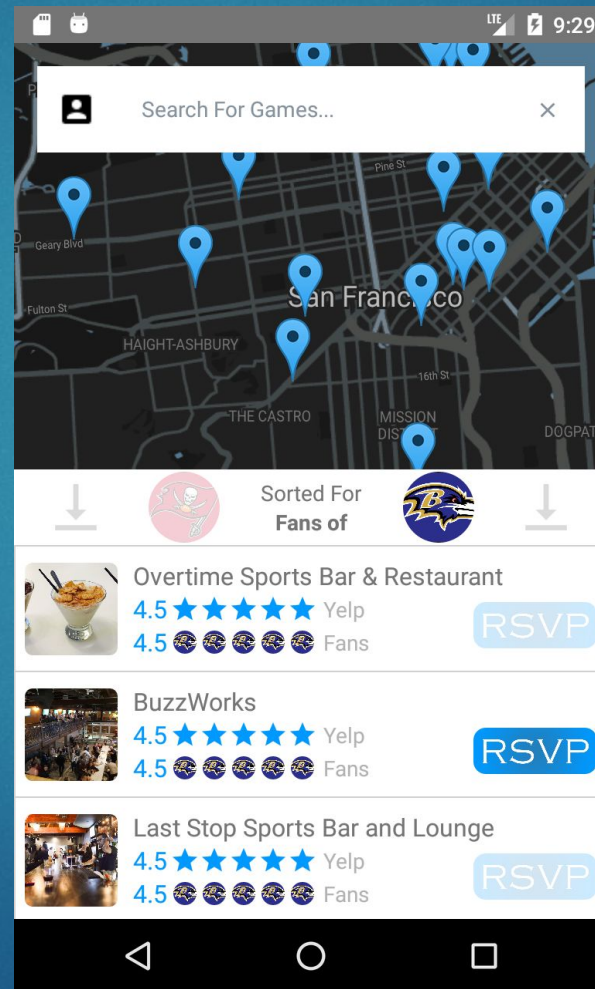
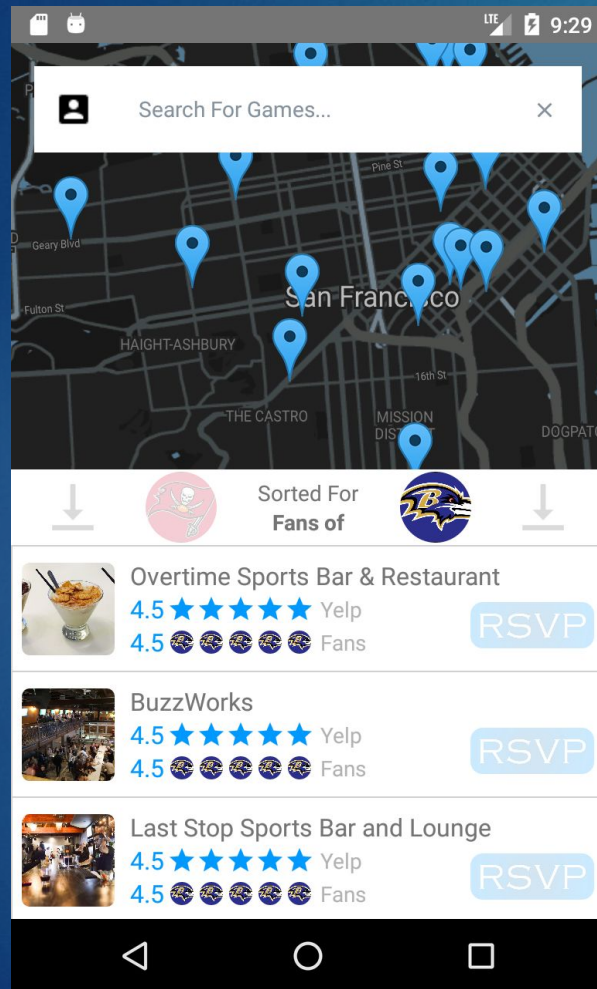
- ▶ React Native
- ▶ Python Scripts
- ▶ Google Maps API
- ▶ Yelp API
- ▶ NFL Schedule XML Data

```
App.js
1 import React, { Component } from 'react';
2 import {
3   Platform,
4   StyleSheet,
5   Text,
6   View
7 } from 'react-native';
8 import MapView from 'react-native-maps';
9 import { Marker } from 'react-native-maps';
10 import BarList from './components/barList'
11 import Search from './components/search.js'
12 import UserProfile from './components/userProfile.js'
13 import './components/barInfo';
14
15
16
17 export default class App extends Component<> {
18
19   state = {
20     map: true,
21     pins: [],
22     barListStatus: 'off', // 'collapsed', 'on'
23     currentGameID: 0,
24     region: {
25       latitude: 37.78825,
26       longitude: -122.4324,
27       latitudeDelta: 0.0922,
28       longitudeDelta: 0.0421,
29     },
30   };
31
32   fitToElements = () => {
33     this.refs.map.fitToElements(true);
34   };
35
36   updatePins = (gameID, barIDs) => {
37     this.setState(
38       {currentGameID: gameID, pins: barIDs, barListStatus: 'on'},
39       this.fitToElements
40     );
41   };
42
43   toggleProfileView = (profileBoolean) => {
44     this.setState(
45       {map: !profileBoolean}
46     );
47   };
48 }
```

# Implemented Features



# Implemented Features



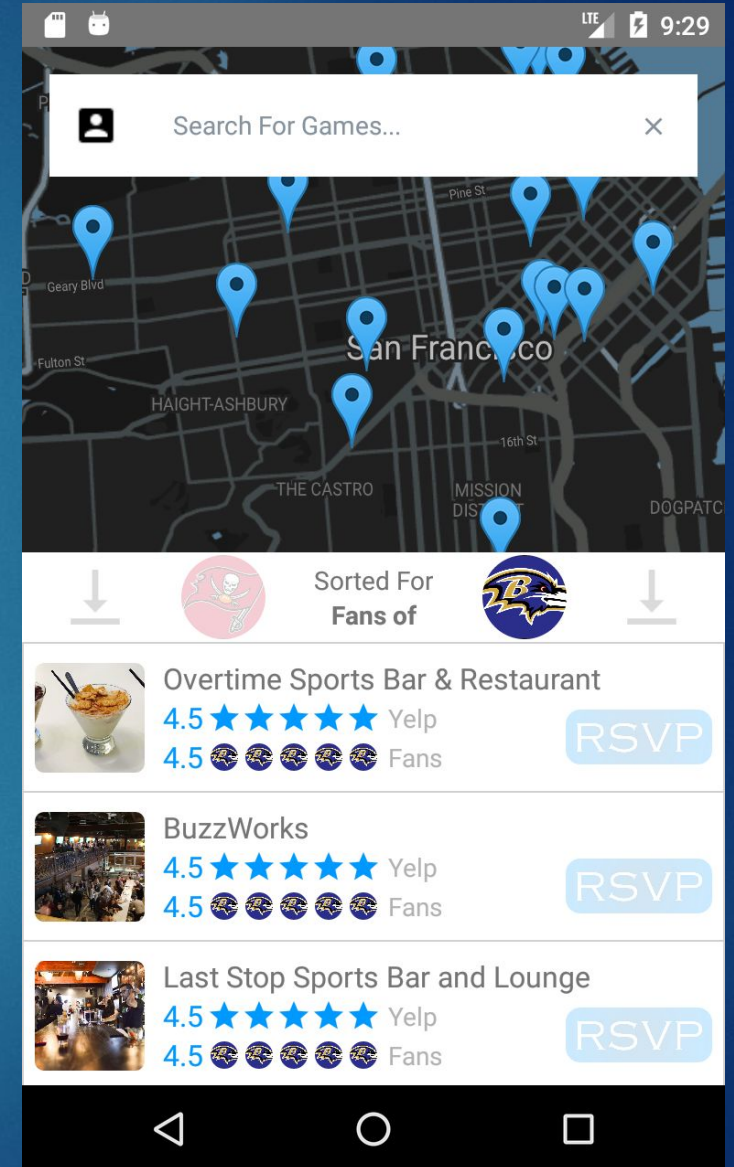
# Unimplemented Features

## Fan Facing

- ▶ Profile creation
- ▶ Interaction between map and venue list
- ▶ Venue team preference rating
- ▶ Venue sort

## Venue Facing

- ▶ Determining fan distribution around you
- ▶ Creating an event



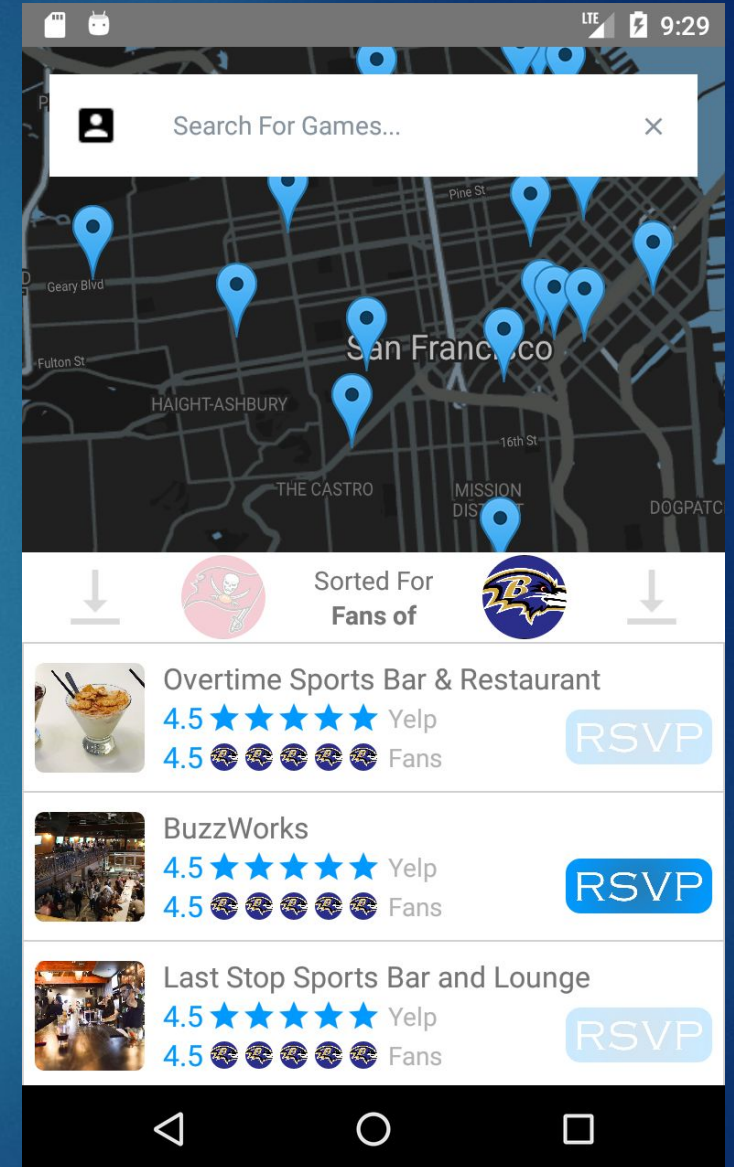
# Data

## Hard-coded

- ▶ Venue team preferences rating
- ▶ Games playing at venues

## Real

- ▶ Event venues
- ▶ Event venue ratings
- ▶ Sports games



**Demo**

# Summary

- ▶ Underwent a major redesign
- ▶ Building distinct Fan and Venue apps
- ▶ On track to finish

Thank you!