

# OneSports

**By**

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# **Abstract**

OneSports is an android application that allows the user to get the scores and results of previous matches. The user can check the schedules of upcoming matches. Additionally, the directions from user's current location to the stadium is provided. The user can view the the standings of all the teams in the application.

The application will primarily focus on two sports: NBA and NFL.

# Features

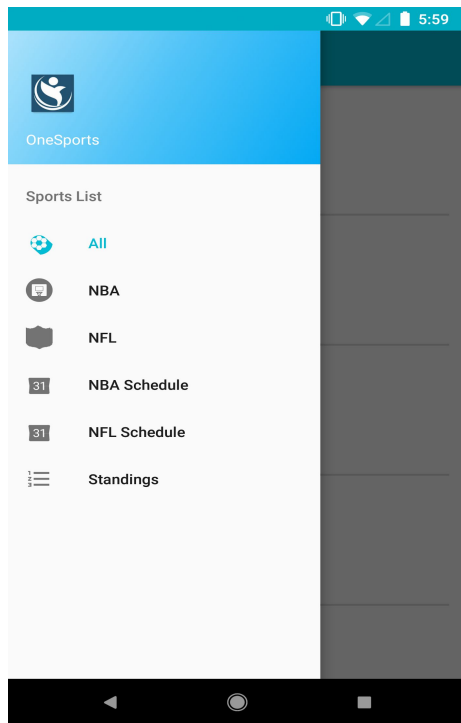
- NBA and NFL scores
- Direction to stadium
- NBA and NFL schedules
- NBA and NFL standings

# Sprint 2 Progress

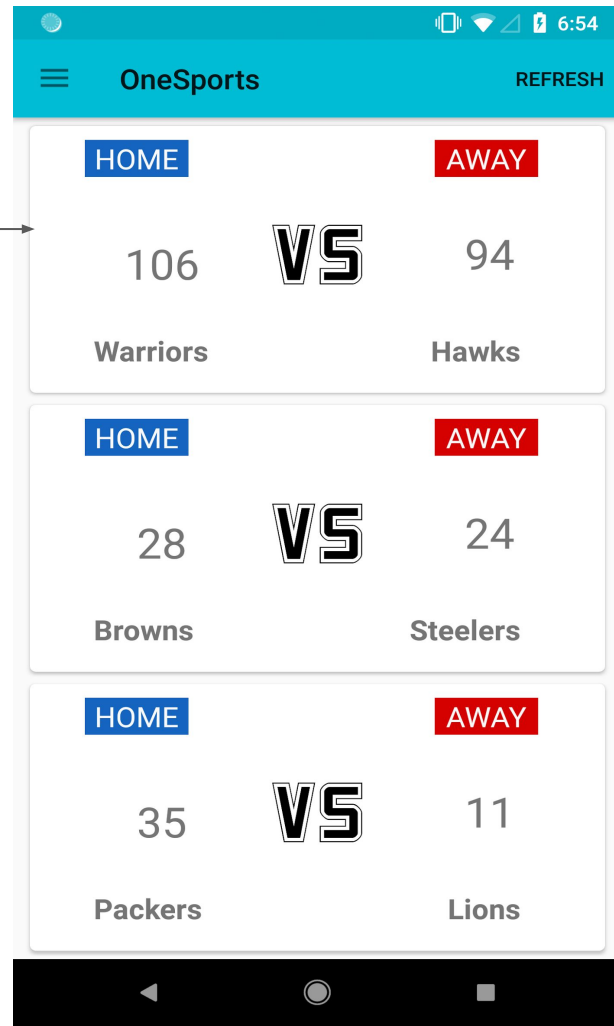
- Displayed scores for both NBA and NFL on home screen.
- Better UI for NBA and NFL scores.
- Displayed individual match details for NBA and NFL.
- Implemented 'Get Direction to Stadium' for NBA and NFL.
- Displayed standings for NBA and NFL.

# NBL and NFL Scores

Scores for both NBA and NFL on home screen



Menu Screen



# NBL and NFL Scores

HOME		AWAY
100	VS	108
Wizards		Nuggets
109	VS	104
Pacers		Clippers
104	VS	108
Knicks		Timberwolves

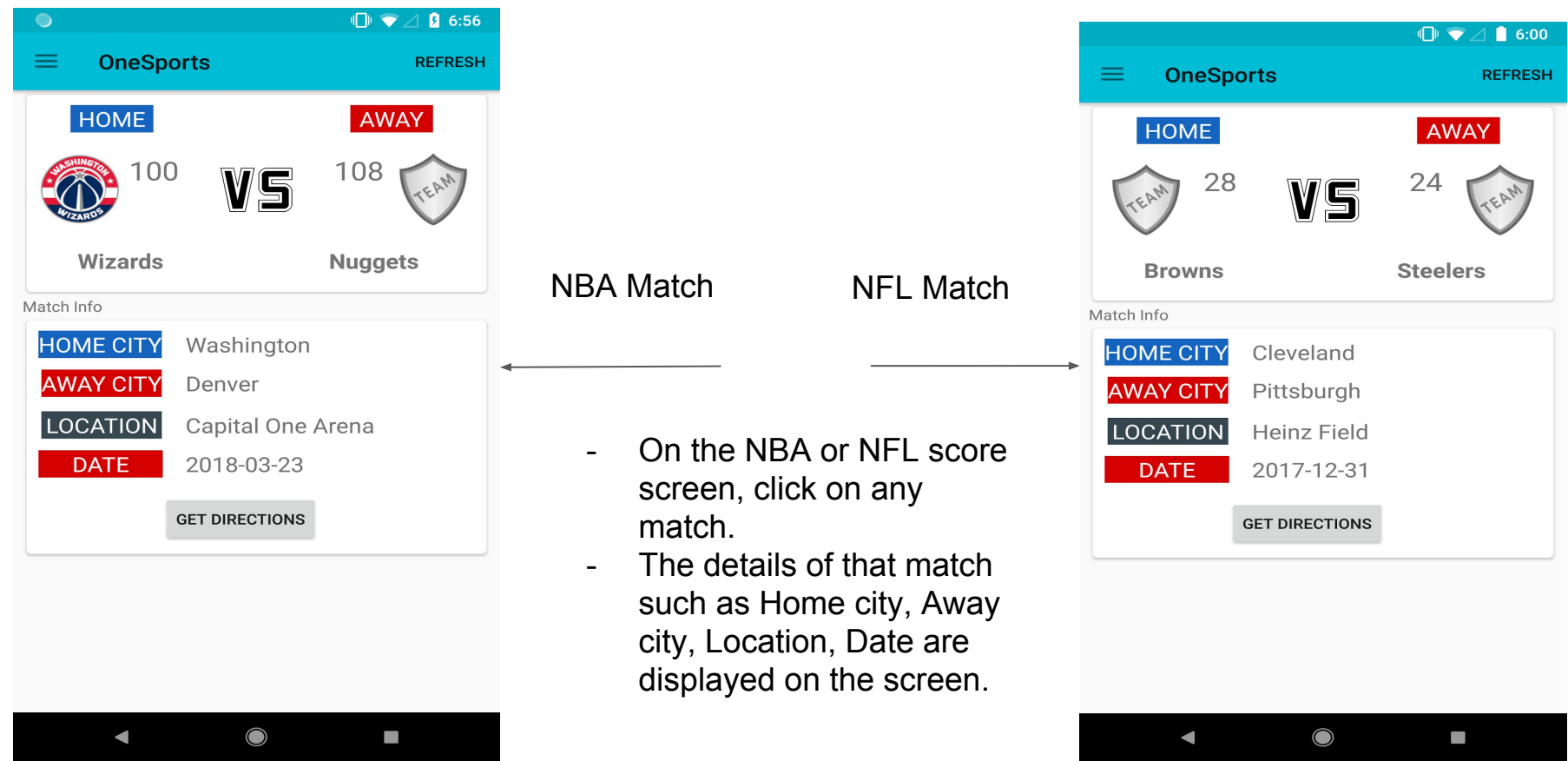
NBA Scores

NFL Scores

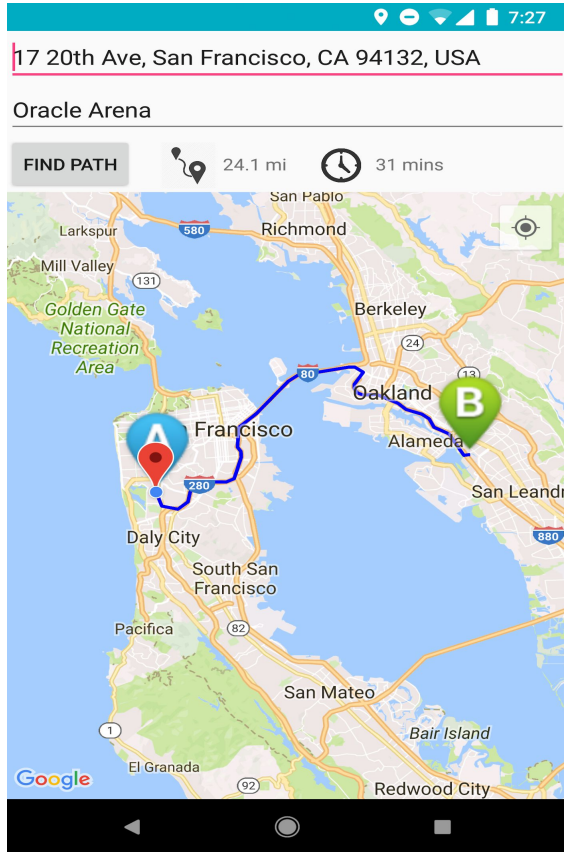
- Click on the 'NBA' or 'NFL' from the 'Menu' button
- NBA or NFL scores are displayed according to the selection.

HOME		AWAY
28	VS	24
Browns		Steelers
35	VS	11
Packers		Lions
22	VS	13
Texans		Colts

# Individual Match Details



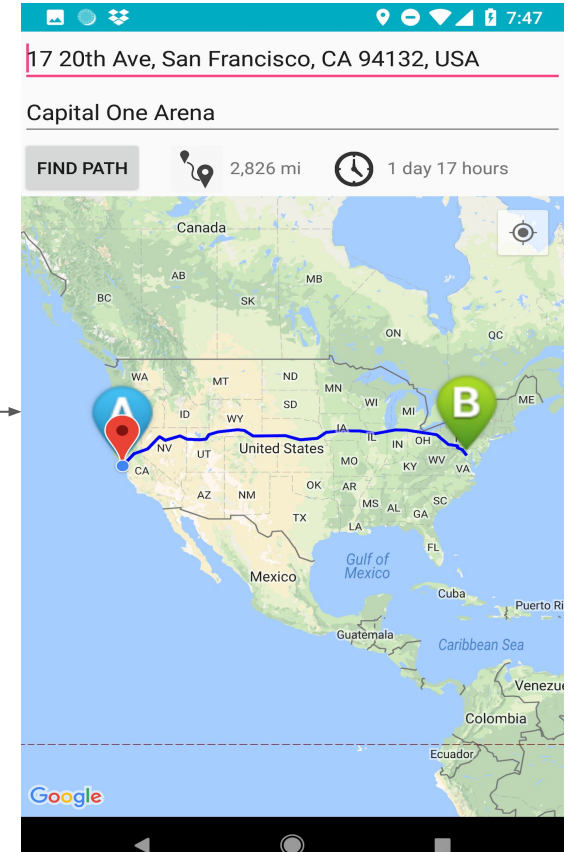
# Get Directions to Stadium



NBA match

NFL match

- On the individual match details screen, click on the 'Get Directions' button.
- The direction from the current location to stadium is displayed on the screen.





# NBL and NFL Schedules

OneSports	
HOME:	Cavaliers
AWAY:	Pacers
DATE:	2017-04-15
TIME:	3:00PM
HOME:	Raptors
AWAY:	Bucks
DATE:	2017-04-15
TIME:	5:30PM
HOME:	Spurs
AWAY:	Grizzlies
DATE:	2017-04-15
TIME:	8:00PM
HOME:	Clippers
AWAY:	Jazz
DATE:	2017-04-15
TIME:	10:30PM
HOME:	Wizards
AWAY:	Hawks
DATE:	2017-04-16

NBA Schedule

NFL Schedule

- Click on the 'NBA Schedule' or 'NFL Schedule' from the Menu button.
- The match schedules information is displayed accordingly.

OneSports	
HOME:	Jets
AWAY:	Maple Leafs
DATE:	2017-10-04
TIME:	7:00PM
HOME:	Penguins
AWAY:	Blues
DATE:	2017-10-04
TIME:	8:00PM
HOME:	Oilers
AWAY:	Flames
DATE:	2017-10-04
TIME:	10:00PM
HOME:	Sharks
AWAY:	Flyers
DATE:	2017-10-04
TIME:	10:30PM
HOME:	Bruins
AWAY:	Predators
DATE:	2017-10-05

# NBL and NFL Standings



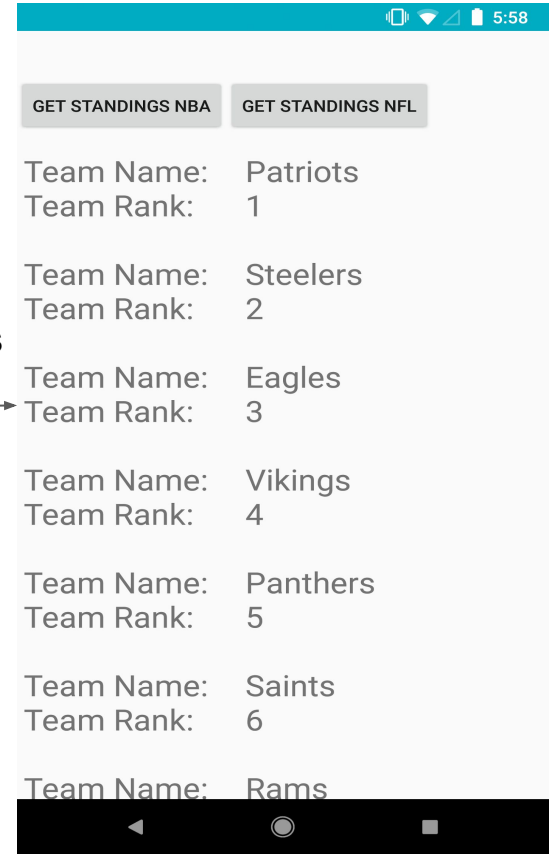
A screenshot of a mobile application interface for NBL Standings. At the top, there is a teal status bar with icons for signal, Wi-Fi, and battery, and the time 5:58. Below this, there are two buttons: 'GET STANDINGS NBA' and 'GET STANDINGS NFL'. The main content area displays a list of teams and their ranks. The teams listed are Rockets (Rank 1), Raptors (Rank 2), Warriors (Rank 3), Celtics (Rank 4), 76ers (Rank 5), Cavaliers (Rank 6), and Trail Blazers (Rank 7). At the bottom, there is a black navigation bar with three icons: a back arrow, a home circle, and a recent apps square.

Team Name:	Rank
Rockets	1
Raptors	2
Warriors	3
Celtics	4
76ers	5
Cavaliers	6
Trail Blazers	7

NBL Standings

NFL Standings

- Click on the 'Standings' option from the Menu button.
- 'GET STANDINGS NBA' and 'GET STANDINGS NFL' buttons are displayed.
- The team standings information is displayed accordingly.



A screenshot of a mobile application interface for NFL Standings. At the top, there is a teal status bar with icons for signal, Wi-Fi, and battery, and the time 5:58. Below this, there are two buttons: 'GET STANDINGS NBA' and 'GET STANDINGS NFL'. The main content area displays a list of teams and their ranks. The teams listed are Patriots (Rank 1), Steelers (Rank 2), Eagles (Rank 3), Vikings (Rank 4), Panthers (Rank 5), Saints (Rank 6), and Rams (Rank 7). At the bottom, there is a black navigation bar with three icons: a back arrow, a home circle, and a recent apps square.

Team Name:	Rank
Patriots	1
Steelers	2
Eagles	3
Vikings	4
Panthers	5
Saints	6
Rams	7

# Other Features

☰ OneSports REFRESH

HOME AWAY

28 VS 24

Browns Steelers

HOME AWAY

35 VS 11

Packers Lions

HOME AWAY

22 VS 13

Texans Colts

REFRESH for scores

SPLASH scree



# APIs And SDK

**APIs:** MySportsFeeds and Google Maps

**MySportsFeeds:** Provided scores, match schedules, and standings data

**Google Maps:** Provided the direction to the stadium from current location

**SDK:** Android SDK

# Problems

- Application crashed while displaying scores in the RecyclerView.
- Parsing to json data and then displaying it.
- API for latest scores.

# Future Work

- UI for Standings and Schedules.
- Testing
- Live Score
- Notification

**Thank you**