Developer Manual

Installation: With respect to installing the application and its dependencies, developers would be best served by clicking the green "<> Code" button within the Github repository and downloading the Zip. Subsequently, they should unzip the folder. Within their development environment, they should ideally have the following:
   a. npm package manager
   b. Nodemon
   c. supabase/supabase-js
   d. express.js

Running: In order to run the application on a server, run the command "npm start" in the terminal within the directory in which npm is installed. This will enable you to run the application via express.js.

Tests: N/A

API

Endpoints
   a. app.get('/fanpage'): Retrieves all fans from the Supabase database
      i.   HTTP Method: 'GET'
   b. app.post('/fanpage'): Adds a fan with the following features to the Supabase database: username, name, fav_team, and fav_player (all varchar or text)
      i.   HTTP Method: POST'

GET
   c. loadStandingsAPI: Retrieves the most recent standings for the current season of English Premier League football.
      i.   HTTP Method: 'GET'
      ii.   URL:
            `https://api-football-v1.p.rapidapi.com/v3/standings?season=${season}&league=39`
               1. season: Argument (year) referring to the current season of Premier League football.
   d. loadUpcomingGames (API): Retrieves the next ten upcoming matches of the current season of the English Premier league.
      i.   HTTP Method: 'GET'
      ii.   URL:
            https://api-football-v1.p.rapidapi.com/v3/fixtures?league=39&season=${season}&next=10

1. season: Argument (year) referring to the current season of Premier League football.

e. loadHistoricalFixtures (API): Retrieves the last ten fixtures between two specified teams.
   i. HTTP Method: 'GET'
   ii. URL:
      https://api-football-v1.p.rapidapi.com/v3/fixtures/headtohead?h2h=${t1}-${t2}
      1. t1: One of two specified teams (id)
      2. t2: The other of two specified teams (id)

f. loadHomeAwayRecords (API): Retrieves the home and away records for a specified team during the current season of football.
   i. HTTP Method: 'GET'
   ii. URL:
      https://api-football-v1.p.rapidapi.com/v3/teams/statistics?league=39&season=${season}&team=${team}
      1. season: Argument (year) referring to the current season of Premier League football.
      2. team: Argument (ID) referring to the specified team for which we are retrieving home and away records.

g. loadTeamIDs (API): Retrieves the Teams records for all teams within the English Premier League, including their IDs.
   i. HTTP Method: 'GET'
   ii. URL:
      https://api-football-v1.p.rapidapi.com/v3/teams?league=39&season=${season}
      1. season: Argument (year) referring to the current season of Premier League football.

h. loadPlayerIDs (API): Retrieves the Players records for all players within a specific team in the Premier League, including their IDs.
   i. HTTP Method: 'GET'
   ii. URL: https://api-football-v1.p.rapidapi.com/v3/players/squads?team=${team}
      1. team: Argument (ID) referring to the specified team for which we are retrieving player records.

i. loadFixturesStatistics (API): Retrieves all statistics for a specific team during a specific fixture.
   i. HTTP Method: 'GET'
   ii. URL:
      https://api-football-v1.p.rapidapi.com/v3/fixtures/statistics?fixture=${fixture}&team=${team}
      1. fixture: ID of specific fixture for which we are retrieving records
      2. team: Argument (ID) referring to the specified team for which we are retrieving statistical records.

j. loadTeamStatistics (API): Retrieves all statistics for a specific team for the entirety of the current Premier League season.
   i. HTTP Method: 'GET'
   ii. URL:
       https://api-football-v1.p.rapidapi.com/v3/teams/statistics?league=39&season=${season}&team=${team}
       1. season: Argument (year) referring to the current season of Premier League football.
       2. team: Argument (ID) referring to the specified team for which we are retrieving statistical records.
k. loadPlayerStatistics (API): Retrieves all statistics for a specific player for the entirety of the current Premier League season.
   i. HTTP Method: 'GET'
   ii. URL:
       https://api-football-v1.p.rapidapi.com/v3/players?id=${player}&season=${season}
       1. player: Argument (ID) referring to the specific player
       2. season: Argument (year) referring to the current season of Premier League football.
l. loadTeamFixtures (API): Retrieves all the fixtures belonging to a specific team during the current season of football.
   i. HTTP Method: 'GET'
   ii. URL:
       https://api-football-v1.p.rapidapi.com/v3/fixtures?season=${season}&team=${team}
       1. season: Argument (year) referring to the current season of Premier League football.
       2. team: Argument (ID) referring to the specified team for which we are retrieving fixtures.

Bugs

There are currently no know bugs, but with respect to future development, we anticipate that there is ample opportunity for the implementation of:
● More factors in predicting match outcomes
● Greater, more in-depth data visualizations for a fan's favorite team or players
● A more community-based page enabling fans with similar interests and favorite teams/players to discuss