

Travis Vaughn Final Project - Fantasy Football Dashboard

in list [IN PROGRESS](#)

Description [Edit](#)

The goal of this project is create an interactive fantasy football dashboard to use for live fantasy football drafts. The idea is for the user to have a list of players, assign those players to drafter members' queues. There should be dynamic updating of lists to account player selections.

Since I expect the implementation of this logic to be fairly difficult for me, I have included a nice-to-have section that I may not get to for this project. I do plan to continue working on it after this class and add these features later.

User Setup Requirements

[Delete...](#)

0%

- ☐ Ability to have 8-14 teams added
- ☐ Ability to enter names for those teams
- ☐ Ability to chose which team is yours

Dashboard Requirements

[Delete...](#)

0%

- ☐ A counter for each player on QB, WR, RB, and TE
- ☐ A counter for bye weeks
- ☐ A way to view already created dashboards
- ☐ A way to create new dashboards
- ☐ See players that are in the drafter and their draft picks
- ☐ As a player picks from the player list, the dashboard drafter's list should be updated to reflect that pick (whether added or removed)
- ☐ Ability to see the player lists (Overall, RB, QB, etc.)
- ☐ A user should have the ability to create one dashboard without needing to login, but in order to have >1 dashboard, they need a profile.

All-Draft-Table / Draft-Table

[Delete...](#)

0%

- ☐ Drafter-Table is the generic drafter's view template (name, round 1-16, etc.)
- ☐ All-Draft-Table makes multiple Drafter-tables based on a list of drafter's it is given from the Dashboard

Drafters Service

[Delete...](#)0% 

- ☐ Manage the creation of a group of drafters (dashboard)
- ☐ Require a dashboard name, who is the profile drafter (in order to map which player's bye weeks to count), and then a list of drafters (which include 16 rounds and their associated picks per each round)
- ☐ As players are updated in the player list screen, ensure the dashboard is updated
- ☐ Save the drafters in the session so that if a user rebrowses they do not lose their data. Not saving locally so that users are more incentivized to create a profile

☒ All-Player-Lists / Player List Requirements

[Delete...](#)0% 

- ☐ Ability to see the player lists (Overall, RB, QB, etc.)
- ☐ User must be able to select players from an overall list or an individual positions list
- ☐ User must be able to quickly select a player as drafted by the current person drafting
- ☐ Ability to unselect players
- ☐ Ability to to see selected players and remaining players
- ☐ The remaining players list should remove the selected player immediately
- ☐ An unselected player should add the player back to the correct spot in the list (correct spot is determined by the ranking)
- ☐ Players selected and remaining players should retain their state upon a browser refresh
- ☐ Player List is the generic list template.
- ☐ All Player List should create the specific player lists (OVERALL, RB, QB, etc.) based on user action (which list they select) and handles the updates to the lists

☒ Player Ranking Service Requirements

[Delete...](#)0% 

- ☐ Pull in player rankings from [nfl.com](https://www.nfl.com/fantasy)'s fantasy api.
- ☐ Must have QB, WR, RB, TE, DST, K positional rankings
- ☐ Store the rankings in the session (not locally) and use those if available rather than hitting the [nfl.com](https://www.nfl.com) api. Do not want to save locally as we want to pull in the rankings regularly.
- ☐ Ensure that custom list rankings ARE NOT REFRESHED.

☒ Bye Week Service

[Delete...](#)0% 

- ☐ Hit [nfl.com](https://www.nfl.com)'s fantasy api to pull in bye weeks for teams
- ☐ Call ranking service and update it's player list with the bye weeks using the player's team as the key for

mapping

☒ **Login**[Delete...](#)0% 

- ☐ Website should allow a user to create a user profile.
- ☐ Profile should include required fields for email and password
- ☐ Website should have ability for user to reset/recover password
- ☐ Having a profile allows the user to have multiple dashboards and be able to view those dashboards
- ☐ Profile should include optional fields for favorite football team, birthday, and an image upload

☒ **ChatBot Requirements**[Delete...](#)0% 

- ☐ Should be accessible throughout the program
- ☐ Return information based on text input given
- ☐ When requested, details and status (selected or remaining) of a given player name. First and last name are required.
- ☐ When requested, returns all possible queries it can do
- ☐ When requested, returns the total number of drafted players.
- ☐ When requested, selects player based on input if player is found and unique. First and Last Name are required. [position] & [team] are optional.
- ☐ When requested, unselects player based on input if player is found and unique. First and Last Name are required. [position] & [team] are optional.
- ☐ Returns the top available players up to the number specified for the position specified. If no values are entered, [number to return] defaults to 5 & [position] defaults to OVERALL.

☒ **Feature Blocks**[Delete...](#)0% 

- ☐ Within the dashboard, there should be blocks that allow the user to take different actions (creating dashboard, viewing dashboard, etc.)
- ☐ This should provide the view to handle the creation of a dashboard in the dashboard view. Name of the dashboard, the amount of drafters, where they are drafting, and the names of each drafter are all required in the form
- ☐ There should be a view to view created dashboards. This should only be available for users that are logged in and should display all of their dashboards they have created. A user should be able to select their dashboard and then have that dashboard and the selected players and remaining players from that dashboard populated

Dashboard Service

[Delete...](#)

0%

- ☐ Maintains a list of dashboards create by the user
- ☐ On initialization, it will return the last dashboard used, otherwise it will return no dashboard
- ☐ Have the ability to return a dashboard by a specific name
- ☐ Should return the selected players and remaining player lists from that dashboard as well
- ☐ If no player has been selected in a saved dashboard, then returns updated player rankings for non-custom lists; otherwise returns the exact rankings from the dashboard used

**Nice-To-Have Requirements (Can't commit to completing)**[Delete...](#)

0%

- ☐ User must be able to create and save customized lists that come in as a new possible list view
- ☐ Must be able to see individual player notes and overall notes
- ☐ Flexible enough to add future data fields without issue
- ☐ Must be able to add notes to individual players or overall
- ☐ User must be able to select players from a custom list
- ☐ Should be able to queue interested players that are removed if they are selected
- ☐ Have an FAQ page to answer commonly asked questions
- ☐ Have a Draft Rounds page to display picks by round
- ☐ Add ability to use this website for an overall live draft. Would require: A.) two timers: one overall timer that counts up, and one timer that counts down from a defined time per pick. Example: overall drafter is at 1hr 45 min. player has 1min 15secs left to pick
- ☐ For overall live draft: two timers: one overall timer that counts up, and one timer that counts down from a defined time per pick. Example: overall drafter is at 1hr 45 min. player has 1min 15secs left to pick
- ☐ For overall live draft: allow other users to interact with the same draftboard.
- ☐ when person creates a draft, that draftboard generates a draftboardID and each player within that drafter is given a drafterID. The person who created the draftboard then gives every player the draftboardID, but only gives the associated drafterID. The person who created the draftboard maintains admin access, but the individual players can only select a player when it is their turn to act. each player's view should be unaffected by another player's view (example: player 1 goes to look at the player list, player 2 remains looking at the dashboard).
- ☐ Ability to change player's name after draftboard is created
- ☐ Ability to change draftboard name after draftboard is created
- ☐ Ability to remove drafter after draftboard is created AND no players are selected
- ☐ Ability to add drafters (in pairs of two) after draftboard is created AND no players are selected

**Activity**[Show Details](#)