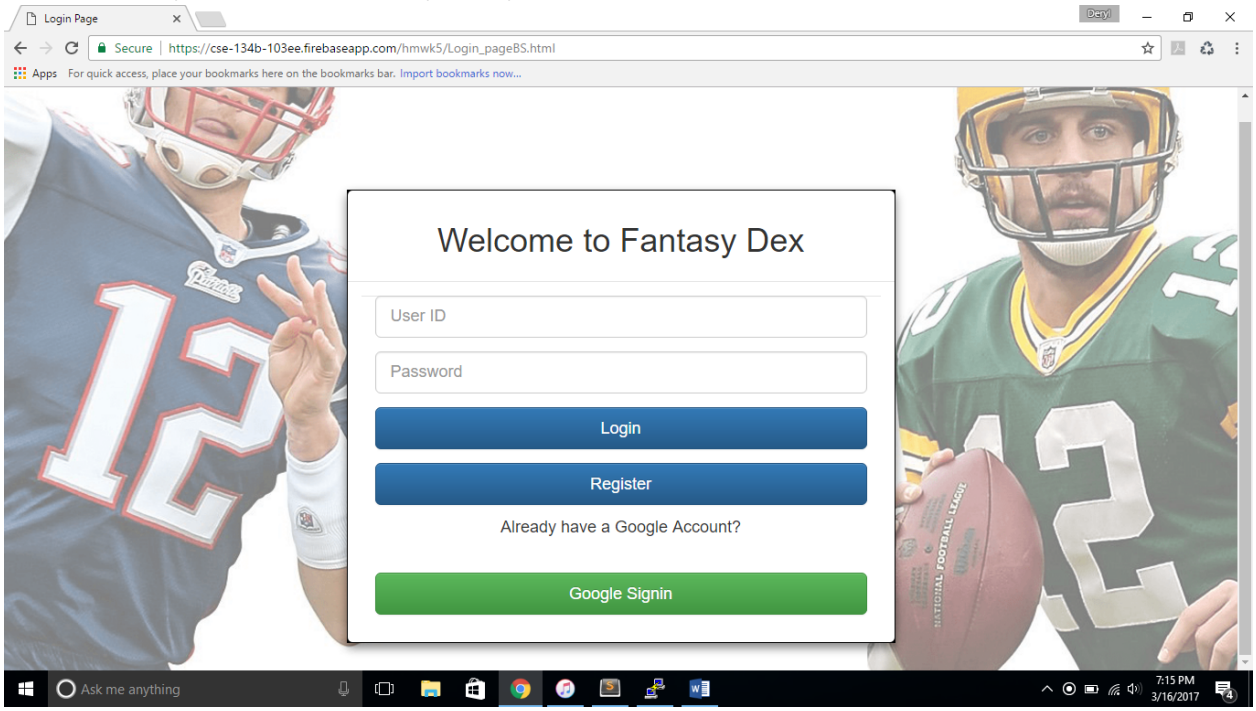
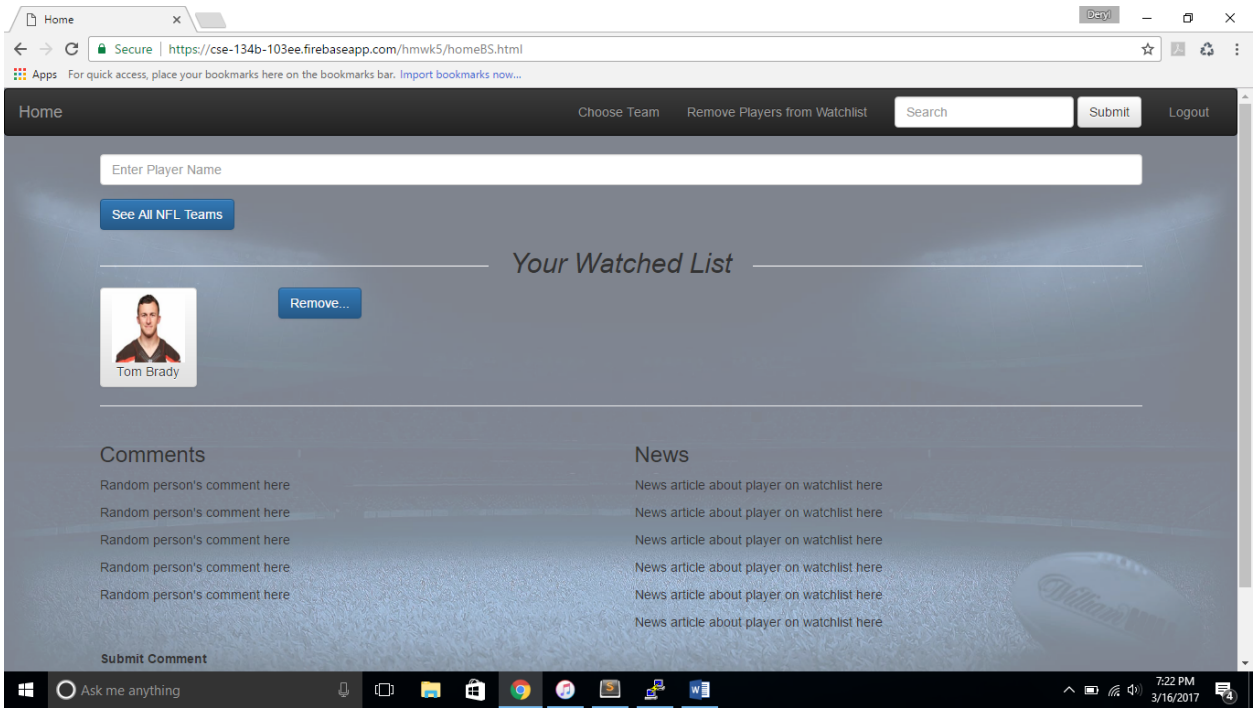
Handoff Preparation and Analysis

This document will explain what our website is, the purpose of it, how it works, some implementation details, and some concerns. Fantasy Dex is a website for fantasy football or football fans that want to keep track of their favorite players. Navigating the website is trivial since the titles of the pages are at the top of the page and the buttons are clearly labeled. All users start at the log in page and if you have a google account, you are automatically signed in. If you want to sign in using another google account, you must sign out and click the green button to sign in with a different google account. We automatically signed in users with google accounts for a quick and efficient experience so you don't have to enter your credentials every time you visit the website.

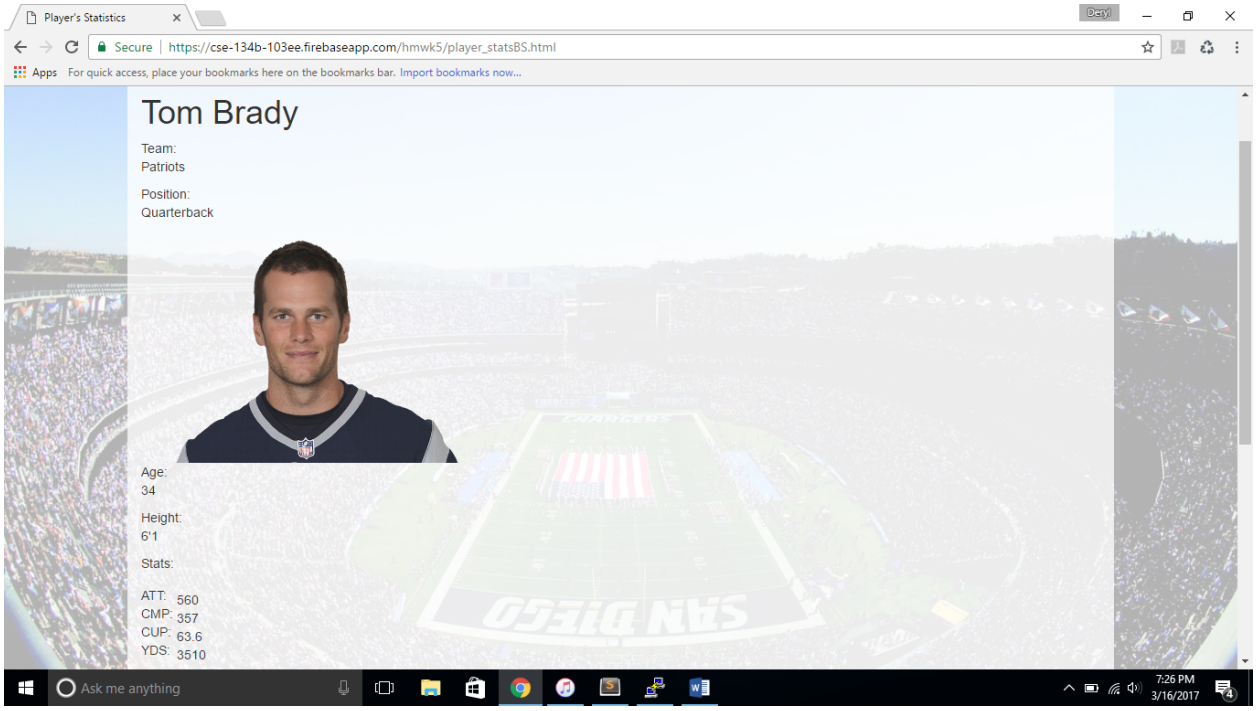


If the user doesn't have or want to create a google account, they can create their own account through our website by clicking the register button and the user will be prompted to enter in their name, email, and password.

Once the user signs in, they will be redirected to the home page where they can view their players they want to follow, see the latest news around the NFL, and view what other user opinions on the season or off season.

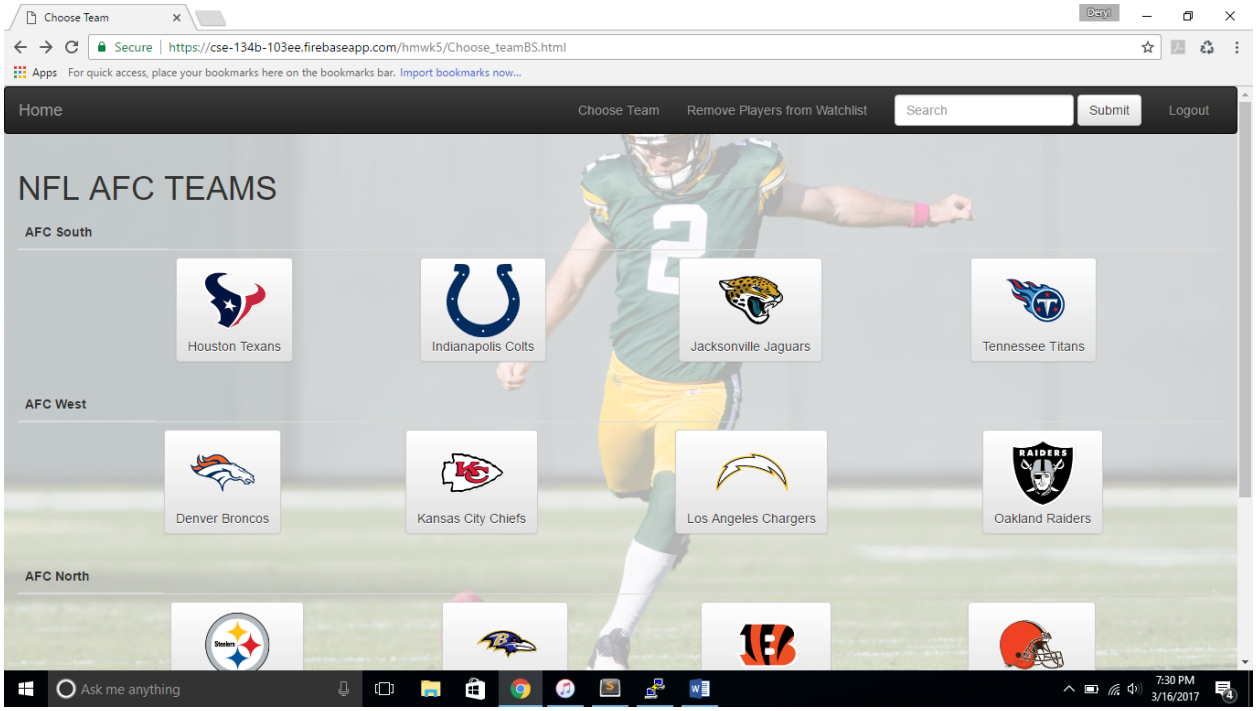


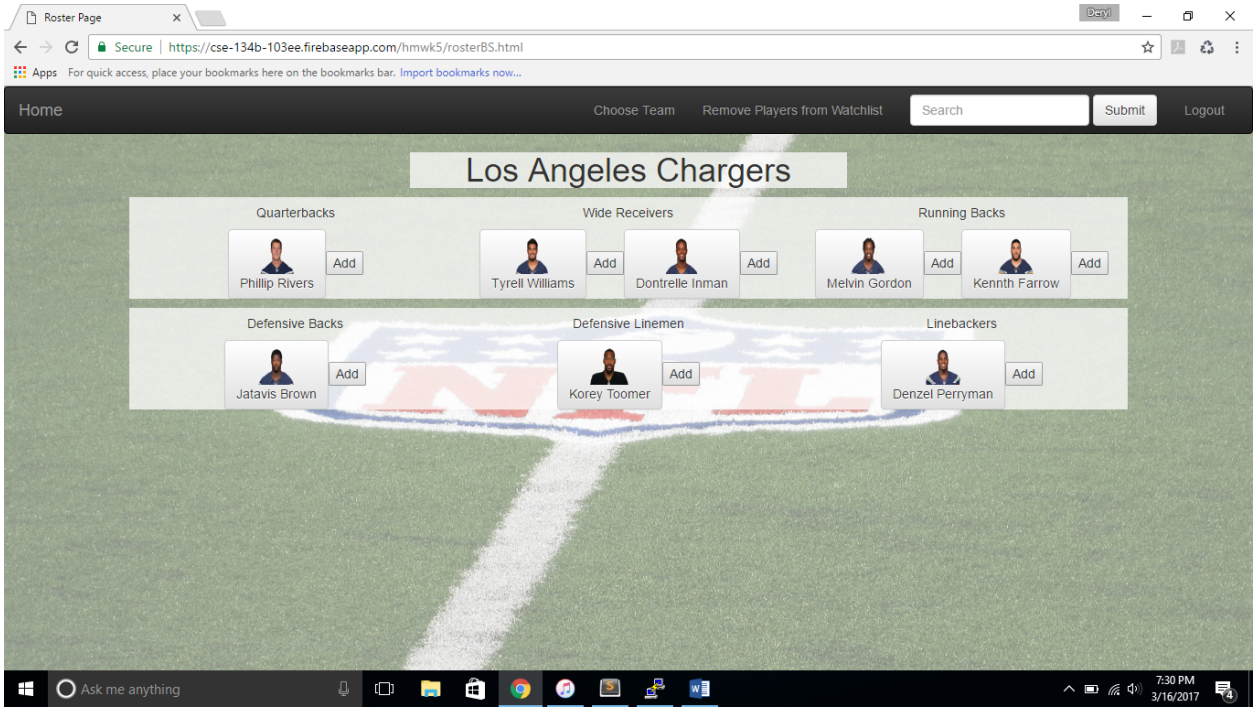
For easy access to the player's stats, the user can click on the player on his/her watch list to see how their player performed. News and other user comments are displayed on this page as well. All the players have their own individual and unique updated stats along with their attributes like height and age.



Users can add players to their watch list easily. They can either search for the player's name in the search bar or they can find them in their respective team. The Choose Team page lists out all the teams

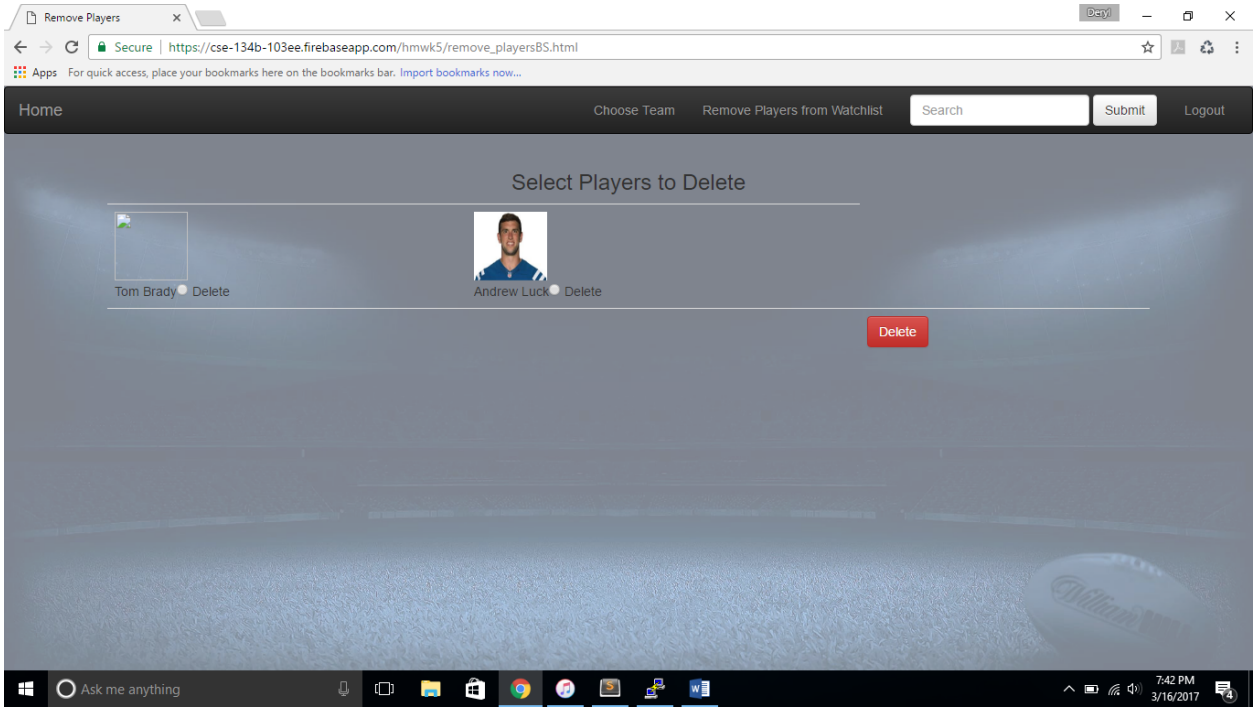
and the user can pick what they want which will redirect them to that team's roster page which has all the players listed out.





To add the player, simply click the add button next to the player you want to add or if you want to know more about the player just click on him and you can see his stats. There are a few ways to remove a player from your watch list. From the home screen, you can click on the remove button and you will be

brought to the Remove Player page. Or you can click on the Remove Players from Watchlist which leads to the same page.



Users can logout from any page for simplicity reasons.

Our implementation details are all commented in our code but we basically have some of the minified JS that loads the users watchlist inside the html page and everything else is in app.js and logout.js which are also minified. App.js contains the javascript code for the login credentials and logout.js has the javascript for all the other pages. We used firebase authorization for login and logout and used firebase database for the JSON data of the players and users. We also keep the player images in the database along with the css images.

Despite being satisfied with our application, we had a few concerns after finishing our website. Due to the constraint on time, we were not able to add in all the teams from the NFL along with all the players in the NFL but that's an easy process as we only decided to include key players. We would simply add more players in the database and make more buttons in our html pages for those players following the same way we did our current roster. We also did not get enough time to dynamically fill out the comments and news on the home page and the players' stats page. This is a feature that would take more effort to make it work because we would have to use a snapshot and keep track if the user makes a new comment so we can add it into the comment list. We used snapshot previously in one of our other methods so it would be a similar reproduction. We would also need to update the news on each player by updating their news feed with the latest stories which we can get from other sources like espn by scraping that data with use of another language. This would take a good amount of time to complete but we feel comfortable with what we have as a MVP so we could ship out the website now and then add in these features later on.