

Project Final Report

Group 8:

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Demonstration Video:

<https://youtu.be/LbvldAQZdn0>

Github Repository:

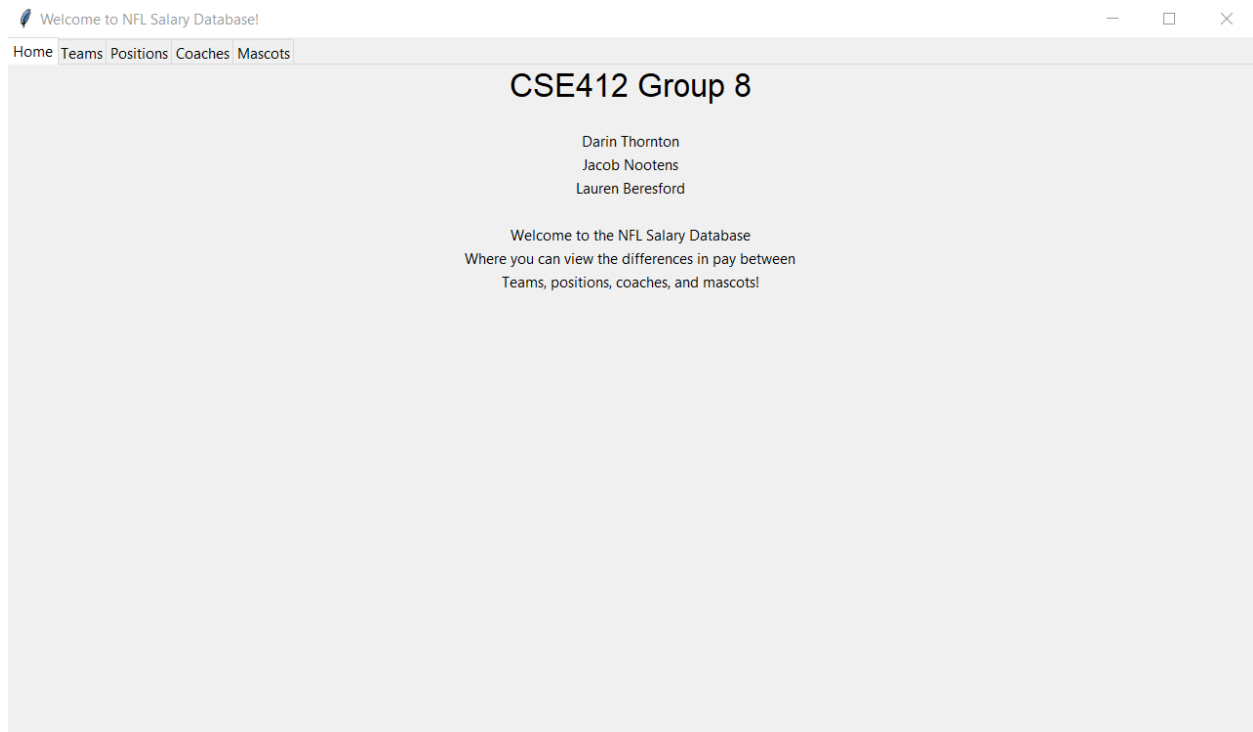
<https://github.com/dthorjr/CSE412FinalProject>

Note: We have three different DB dumps. First is a .csv file of each table, second is a custom backup from pgadmin that can be restored from the pg_restore utility, and the third is a plain text backup from pgadmin which if all the commands are run, an exact copy of the database will be created.

User manual:

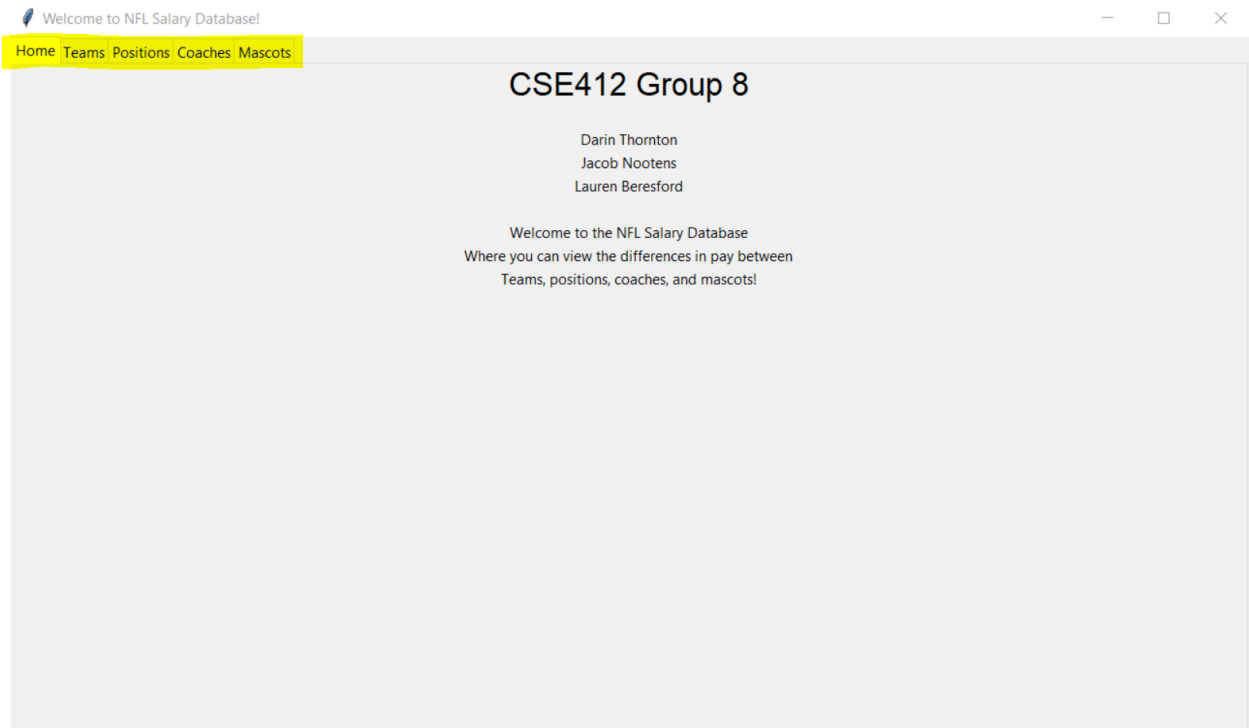
Home Page:

On this screen you can view our team name and all of our members.



Navigation Bar:

There is a navigation bar at the top of the application which allows users to switch between the various pages of data. The available tabs are “Home”, “Teams”, “Positions”, “Coaches”, and “Mascots”. Click the label for any of the tabs in order to navigate between each of them.

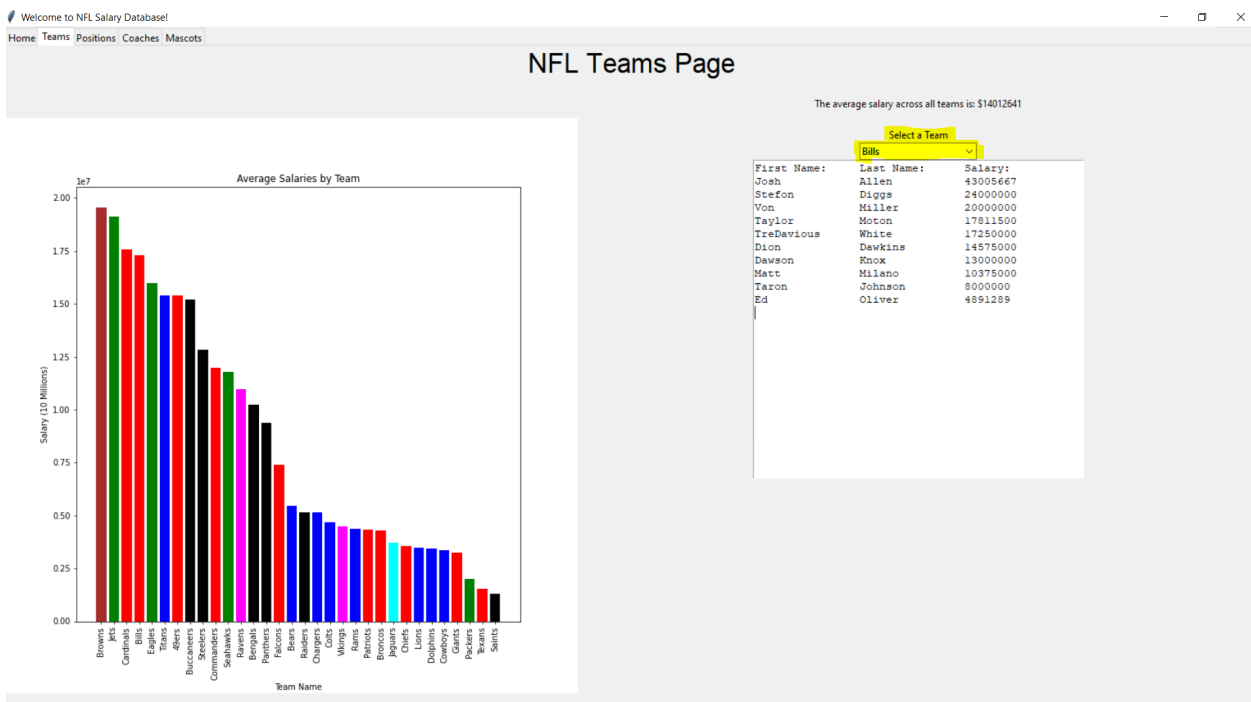


Teams Page:

On the left side of this page, users can view a graph breaking down the average salary for the top 10 players for each team in the NFL. Each bar is labeled with the team's name and each bar is colored with the main color of each respective team. Each average salary is in the 10 millions.

On the right side of the page, the average salary between all teams in the NFL is displayed.

Below the average salary, there is a dropdown selector that allows users to select from one of the 32 teams in the NFL. When a team is selected, a breakdown of that team by player is displayed in a text field, players listed in descending order by their annual salary.

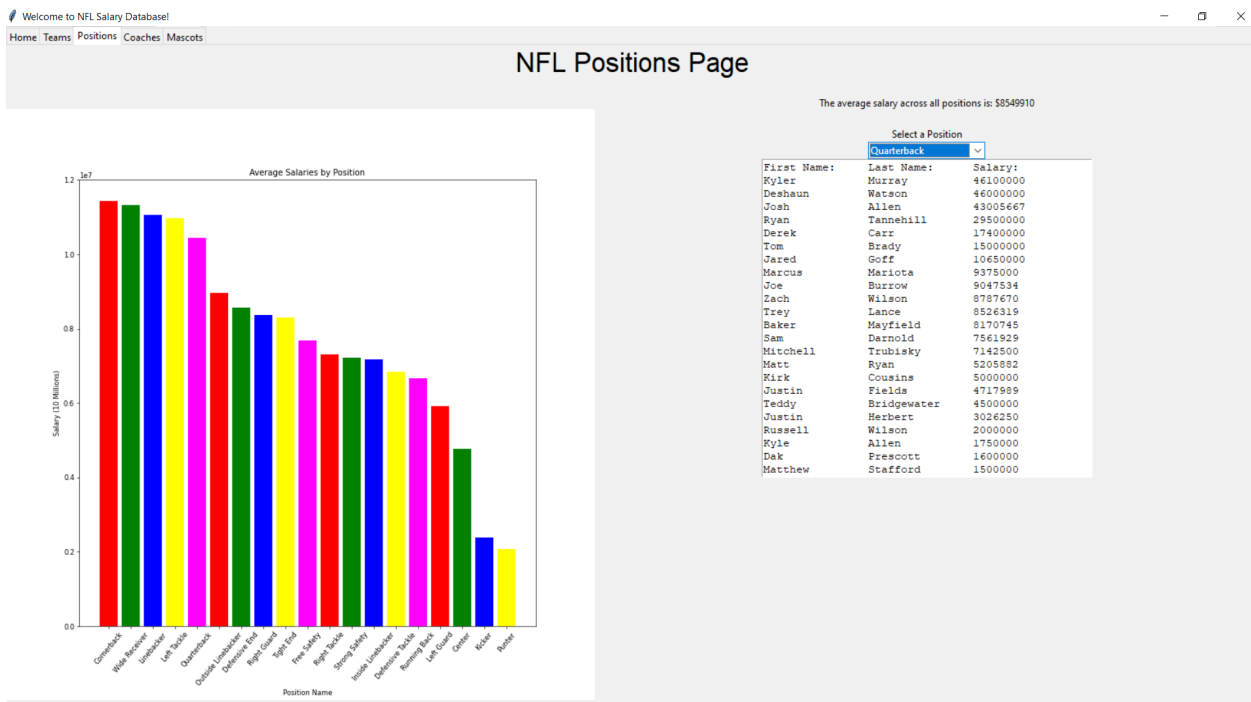


Position Page:

On the left side of this page, users can view a graph breaking down the average salary for all positions that a player can play in the NFL. Each bar is labeled with the position's name. Each average salary is in the 10 millions.

On the right side of the page, the average salary of all positions in the NFL is displayed.

There is also a dropdown selector that allows users to select from one of the 20 positions in the NFL. When a position is selected, a breakdown of all players at that position are displayed in the scrollable list in descending order by their average salary.

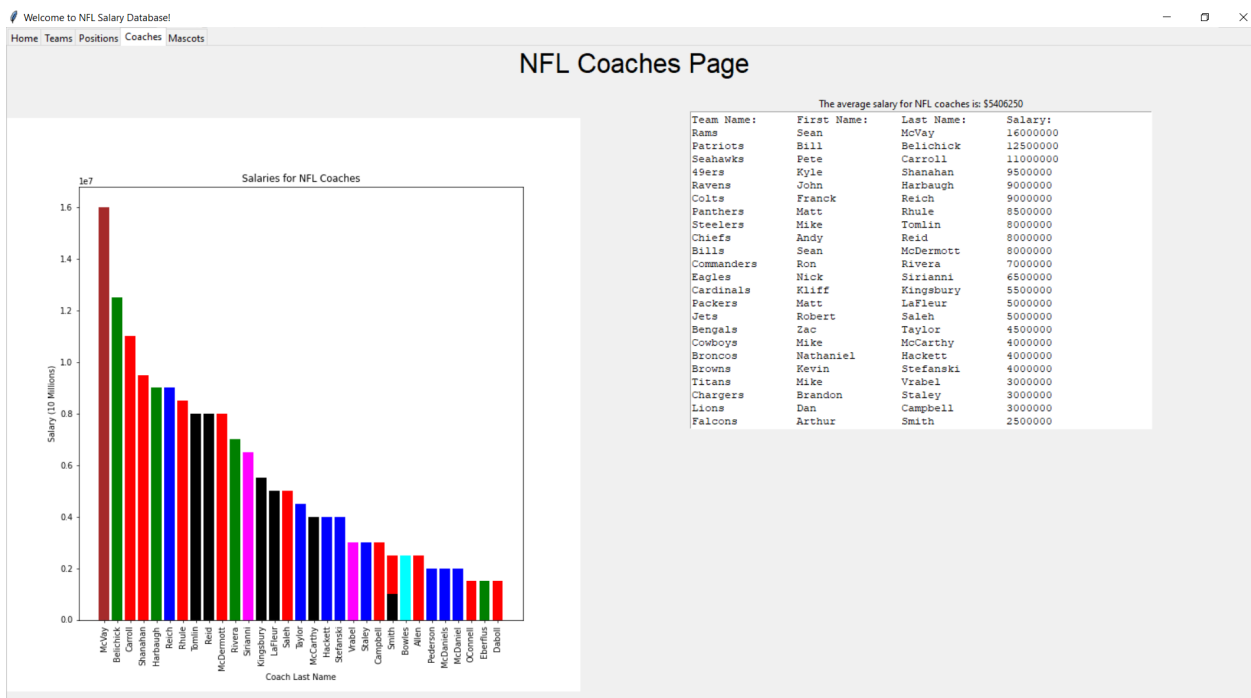


Coaches Page:

On the left side of this page, users can view a graph breaking down the average salary for head coaches in the NFL. Each bar is labeled with the coaches last name. Each average salary is in the 10 millions.

On the right side of the page, the average salary of all head coaches in the NFL is displayed.

There is also a chart below the graph that displays the salary of each coach by name and the team that they coach for. Coaches are in descending order by their salary.



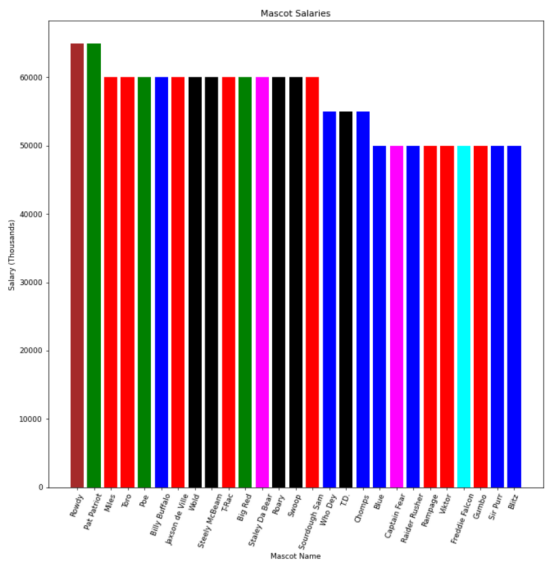
Mascot Page:

On the left side of this page, users can view a graph breaking down the average salary for each team's mascot in the NFL. Each bar is labeled with the team name that each mascot is a part of. Each salary in the graph is the true dollar amount of the salary.

On the right side of the page, the average salary of all mascots in the NFL is displayed.

There is also a chart below the graph that displays the salary of each mascot by name and the team that they are a part of. Mascots are in descending order by their salary.

NFL Mascots Page



The average salary for NFL mascots is: \$56481

Mascot Name:	Team Name:	Salary:
Rowdy	Cowboys	65000
Pat Patriot	Patriots	65000
Miles	Broncos	60000
Toro	Texans	60000
Poe	Ravens	60000
Billy Buffalo	Bills	60000
Jackson de Ville	Jaguars	60000
Wold	Chiefs	60000
Steely McBeam	Steelers	60000
T-Rac	Titans	60000
Big Red	Cardinals	60000
Staley Da Bear	Bears	60000
Roary	Lions	60000
Swoop	Eagles	60000
Sourdough Sam	49ers	60000
Who Dey	Bengals	55000
T.D.	Dolphins	55000
Chomps	Browns	55000
Blue	Colts	50000
Captain Fear	Buccaneers	50000
Raider Rusher	Raiders	50000
Rampage	Rams	50000
Viktor	Vikings	50000