

Final Web Application Feature:

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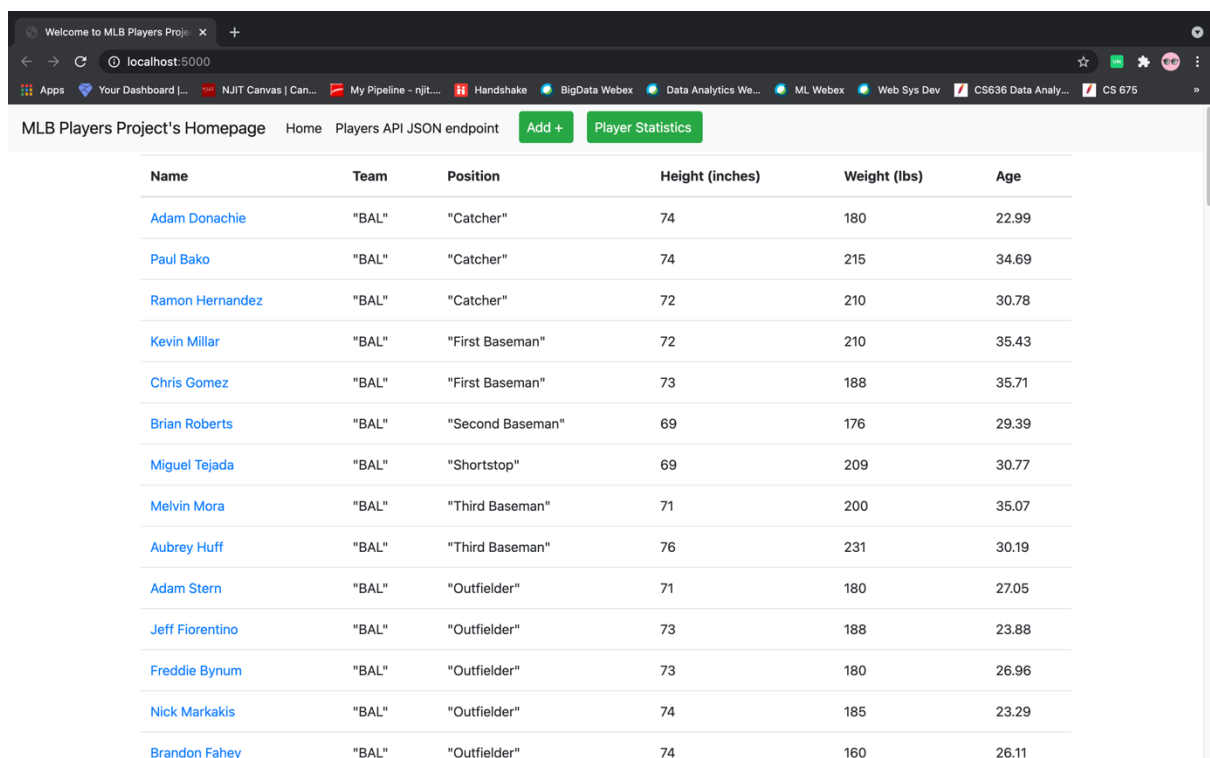
NJIT ID: 31520275

UCID: yb98

Project Feature:

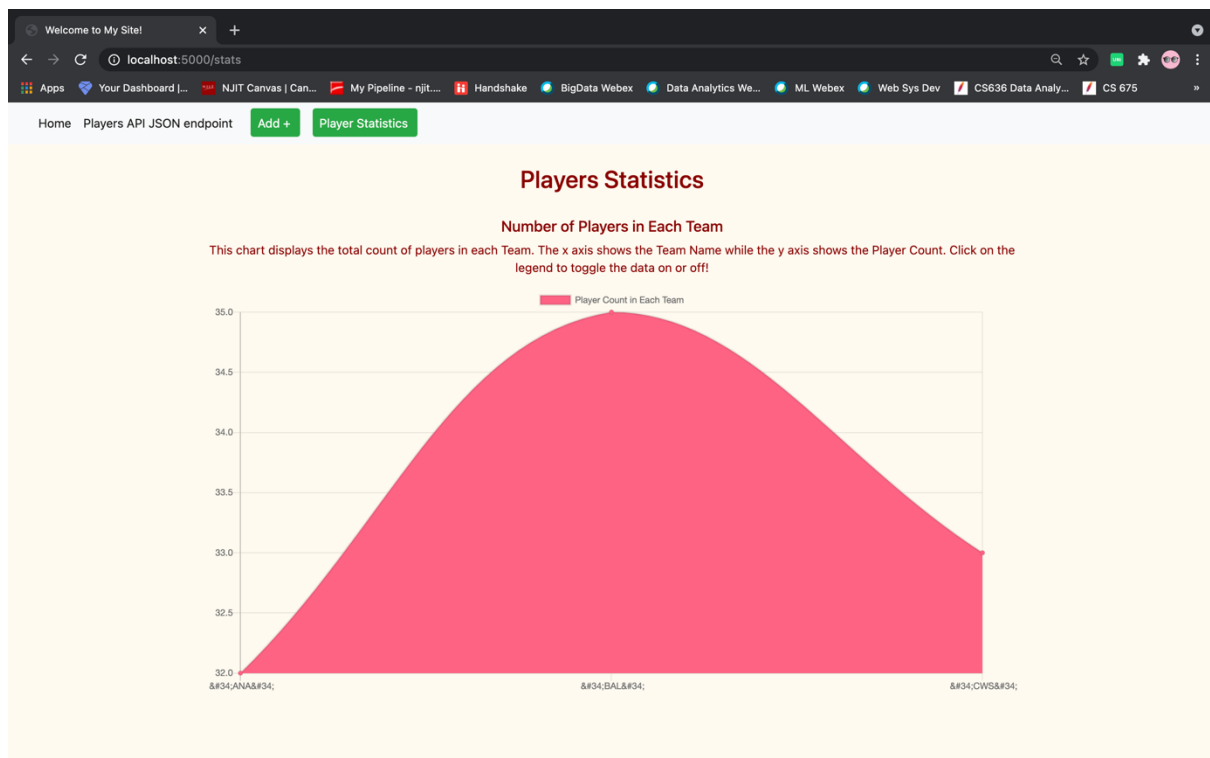
Created a chart feature using chart.js with the available Major League Baseball Players Data:

1. Added a Player Statistics Button to the database Index, where all the player statistics Charts are seen.

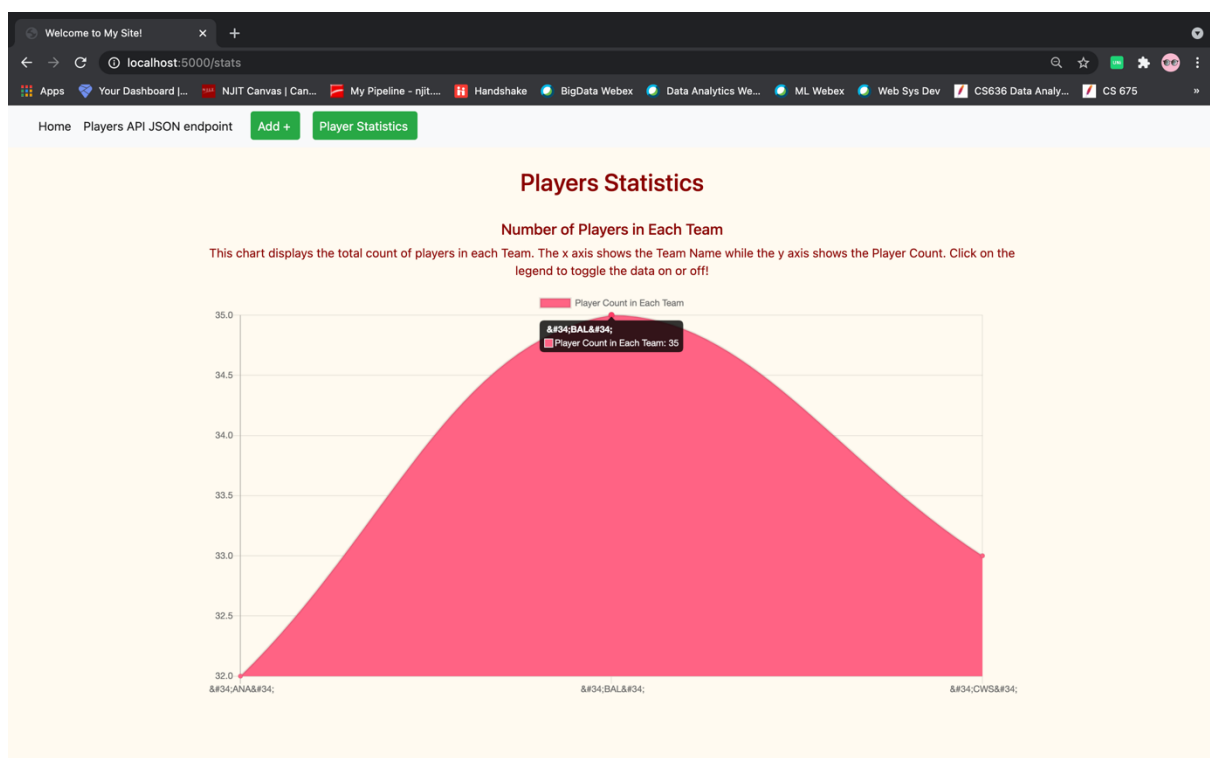
A screenshot of a web browser displaying a web application titled "Welcome to MLB Players Project". The browser's address bar shows "localhost:5000". The application's navigation bar includes links for "Home", "Players API JSON endpoint", and a green "Add +" button, followed by a green "Player Statistics" button. Below the navigation bar is a table with six columns: "Name", "Team", "Position", "Height (inches)", "Weight (lbs)", and "Age". The table lists 15 MLB players, all from the "BAL" team. The players listed are Adam Donachie, Paul Bako, Ramon Hernandez, Kevin Millar, Chris Gomez, Brian Roberts, Miguel Tejada, Melvin Mora, Aubrey Huff, Adam Stern, Jeff Fiorentino, Freddie Bynum, Nick Markakis, and Brandon Fahey. Each player's name is a blue hyperlink. The table data is as follows:

Name	Team	Position	Height (inches)	Weight (lbs)	Age
Adam Donachie	"BAL"	"Catcher"	74	180	22.99
Paul Bako	"BAL"	"Catcher"	74	215	34.69
Ramon Hernandez	"BAL"	"Catcher"	72	210	30.78
Kevin Millar	"BAL"	"First Baseman"	72	210	35.43
Chris Gomez	"BAL"	"First Baseman"	73	188	35.71
Brian Roberts	"BAL"	"Second Baseman"	69	176	29.39
Miguel Tejada	"BAL"	"Shortstop"	69	209	30.77
Melvin Mora	"BAL"	"Third Baseman"	71	200	35.07
Aubrey Huff	"BAL"	"Third Baseman"	76	231	30.19
Adam Stern	"BAL"	"Outfielder"	71	180	27.05
Jeff Fiorentino	"BAL"	"Outfielder"	73	188	23.88
Freddie Bynum	"BAL"	"Outfielder"	73	180	26.96
Nick Markakis	"BAL"	"Outfielder"	74	185	23.29
Brandon Fahey	"BAL"	"Outfielder"	74	160	26.11

2. Clicking on that button, will redirect to the Charts page:



3. Toggle on the datapoint gives the detail about that specific Position



- This is a line chart reflecting the variation in number of players available for a specific position across all teams.
- The X- axis shows the name of Different Teams and Y-axis shows the number of Players in each Team.