



API DOCUMENTATION

Sprint #2

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URL Paths for API

Players:

URL path to retrieve all players:

<http://localhost:4006/footballapp/Play>

Http Request Type: GET

URL path to create a new player:

<http://localhost:4006/footballapp/Play>

Http Request Type: Post

Json Input example: {"Player_Name":"Lionel Messi","Overall":"95","Club":"FC Barcelona","League":"LaLigaSantander","Nationality":"Argentina","Position":"CF","Age":"31","Height_cm":"170","Weight_Kg":"72","Pace":"89","Acceleration":"92","Dribbling":"97","Balance":"95","Shooting":"92","Finishing":"96","Physicality":"62","Stamina":"73","Strength":"59"}

URL path to retrieve a certain player using his name:

http://localhost:4006/footballapp/Play/search/<Players_name>

Http Request Type: GET

URL path to retrieve a certain player using his name:

http://localhost:4006/footballapp/Play/search/<Players_name>

Http Request Type: GET

URL path to update a player:

http://localhost:4006/footballapp/Play/:Player_Name

Http Request Type: Put

Json Input example: {"Overall":"44","Club":"FC Barcelona","League":"LaLiga Santander","Nationality":"Argentina","POSITION":"CF","Age":"31","Height_cm":"170","Weight_Kg":"72","Pace":"89","Acceleration":"92","Dribbling":"97","Balance":"95","Shooting":"92","Finishing":"96","Physicality":"62","Stamina":"73","Strength":"59"}

URL path to Delete a certain player:

http://localhost:4006/footballapp/Play/:Player_Name

Http Request Type: Delete

URL path to retrieve all defenders:

<http://localhost:4006/footballapp/getDefenders>

Http Request Type: GET

URL path to retrieve all attacking players:

<http://localhost:4006/footballapp/Play/getAttackers>

Http Request Type: GET

URL path to retrieve all Midfield players:

<http://localhost:4006/footballapp/Play/getMidfielder>

Http Request Type: GET

URL path to retrieve all goalkeepers:

<http://localhost:4006/footballapp/Play/getGoalkeeper>

Http Request Type: GET

URL path to retrieve all players from a certain Club:

http://localhost:4006/footballapp/Play/ClubPlayers/:Club_Name

Http Request Type: GET

URL path to retrieve all players from a certain League:

<http://localhost:4006/footballapp/Play/LeaguePlayers/:League>

Http Request Type: GET

URL path to retrieve all players from a certain Country:

<http://localhost:4006/footballapp/Play/CountryPlayers/:Nationality>

Http Request Type: GET

URL path to retrieve all players with a certain Overall Rating :

<http://localhost:4006/footballapp/Play/Overallrating/:overall>

Http Request Type: GET

URL path to retrieve random players:

<http://localhost:4006/footballapp/Play/Overallrating/:overall>

Http Request Type: GET

Users:

URL path to retrieve all Users:

<http://localhost:4006/footballapp/Users>

Http Request Type: GET

URL path to create a new user:

<http://localhost:4006/footballapp/Users>

Http Request Type: Post

Json Input example: { "Username": "yrt", "Password": "rr", "Image": "fyrgds.jpeg" }

URL path to retrieve a certain user using his id:

<http://localhost:4006/footballapp/Users/UserById /<Id >>

Http Request Type: GET

URL path to retrieve a certain user using his name:

<http://localhost:4006/footballapp/Users/username /<User name>>

Http Request Type: GET

URL path to update a user:

<http://localhost:4006/footballapp/Users/UpdateUser /<Id >>

Http Request Type: Put

Json Input example: { "Username": "mffike", "Password": "ertedg", "Image": "ertre.jpeg" }

URL path to Delete a certain User:

<http://localhost:4006/footballapp/Users/Deleteuser /<Id>>

Http Request Type: Delete

Sprint#1

URL path to count all players in database:

<http://localhost:4006/footballapp/Play/Countplayers>

Http Request Type: GET

URL path to get average overall of players in the Premier League:

<http://localhost:4006/footballapp/Play/Premier>

Http Request Type: GET

URL path to get average age of players in the database:

<http://localhost:4006/footballapp/Play/Averageage>

Http Request Type: GET

URL path to get sum of total weight of the players:

<http://localhost:4006/footballapp/Play/Weight>

Http Request Type: GET

Sprint#2 new URL Paths:

URL path to log in a user:

<http://localhost:4006/footballapp/Users/login/rob/dertrg>

Http Request Type: GET

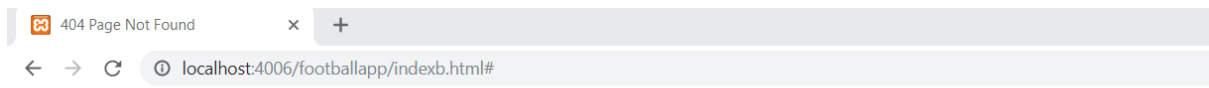
User Stories

1. As the website administrator, I want to open a modal to view more data on the player, so that I can view my favourite soccer players.
2. As the website administrator, I want to delete a specific player from the database, so that I can get rid of retired players in the database.
3. As the website administrator, I want to Edit a player's details within a modal, so that I can update the information accordingly.
4. As the user, I want to clear the text boxes within the modal, so that I can easily enter information into the textboxes.
5. As the user, I want to be able to quickly add new players to our records, so I can view new players.
6. As a user, I want to be able to log into my account, so I can view my account details.
7. As a user, I want to be able to log out of my account, so I can log out safely without worrying about my data being available.

8. As a user, I want to have my name and profile picture within the website, so I can view if I entered the right profile.
9. As the website administrator, I want my cards to be updated when crud operation is carried out on a player, so I can display the most update information from the database

Test Cases and Test Results

User Story	General – Applies to All
Test Case ID	1
Description	Using an invalid URL
Preconditions	<ol style="list-style-type: none">1. The Application Server and Database Server is running2. The browser is open
Actions	<ol style="list-style-type: none">1. Enter URL http://localhost:4006/footballapp/index.html#
Expected Results	<ol style="list-style-type: none">1. HTTP Response 404 Not Found2. The page does not load
Test Status	Passed



404 Page Not Found

The page you are looking for could not be found. Check the address bar to ensure your URL is spelled correctly. If all else fails, you can visit our home page at the link below.

[Visit the Home Page](#)

User Story	General – Applies to all
Test Case ID	2
Description	Database server is unavailable
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is stopped 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter
Expected Results	<ol style="list-style-type: none"> 1. No data being displayed in tables.
Test Status	Passed



Fri Nov 15 2019 17:26:49
GMT+0000 (Greenwich Mean Time)



Fri Nov 15 2019 17:26:49
GMT+0000 (Greenwich Mean Time)

Users

ID	Username	Image	Edit
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User Story	As the website administrator, I want to open a modal to view more data on the player, so that I can view my favourite soccer players.
Test Case ID	3
Description	Select icon button for any player to open modal for that specific player
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. The page loads 4. Click on edit icon button
Expected Results	<ol style="list-style-type: none"> 1. Modal displays 2. Name is disabled 3. Other fields are editable
Test Status	Passed

*Player details

Player name:

Alejandro Gomez

Overall:

84

Club:

Atalanta

League:

Serie A TIM

Nationality:

Argentina

Position:

CF

Age:

30

Height_cm:

165

Weight_Kg:

68

Pace:

90

Acceleration:

94

Dribbling:

88

Balance:

94

Shooting:

76

Finishing:

76

Physicality:

57

Stamina:

75

Strength:

48

Add

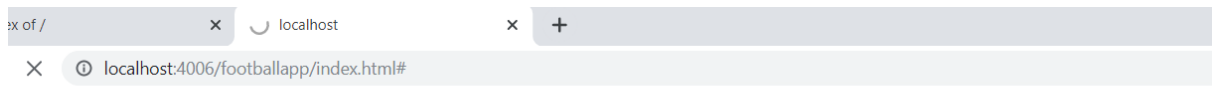
Update

Delete

Clear

close

User Story	General – Applies to all
Test Case ID	4
Description	Server is unavailable
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is not running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter
Expected Results	<ol style="list-style-type: none"> 1. The page does not load 2. A 404 is displayed on the browser
Test Status	Passed



This site can't be reached

localhost refused to connect.

Search Google for [localhost 4006 football app index](#)

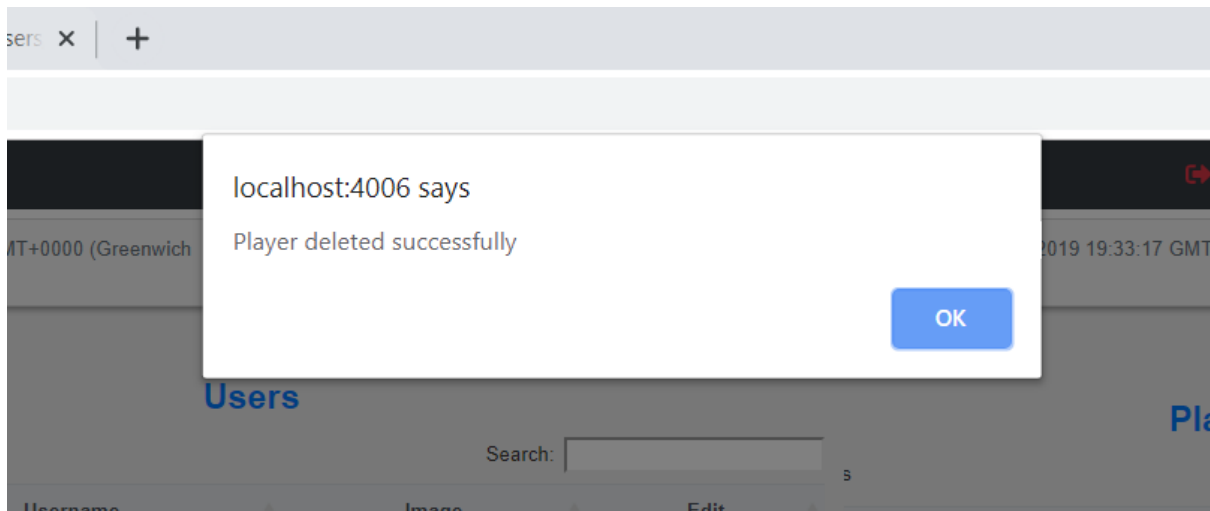
ERR_CONNECTION_REFUSED

User Story	As the website administrator, I want to delete a specific player from the database, so that I can get rid of retired players in the database.
Test Case ID	5
Description	Pressing Delete button from a player's modal
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. The page loads 4. Click on edit icon button 5. Modal displays
Expected Results	<ol style="list-style-type: none"> 1. Press Delete 2. The player is removed from the database
Test Status	Passed

*Player details

Player name:	Jonathan Tah
Overall:	83
Club:	Bayer 04 Leverkusen
League:	Bundesliga
Nationality:	Germany
Position:	CB
Age:	22
Height_cm:	194
Weight_Kg:	95
Pace:	71
Acceleration:	64
Dribbling:	59
Balance:	44
Shooting:	27
Finishing:	20
Physicality:	81
Stamina:	63
Strength:	93

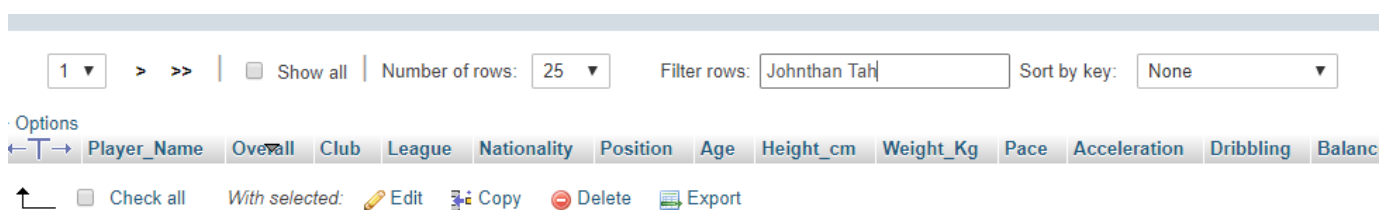
Add
Update
Delete
Clear
close



Player not in the data Table



Player not in the database



User Story	As the website administrator, I want to Edit a player's details within a modal, so that I can update the information accordingly
Test Case ID	6
Description	Edit a player in a database
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. Click on edit icon button 4. Modal displays 5. "Arsenal" is typed into "Club" Textbox.
Expected Results	<ol style="list-style-type: none"> 1. Press Update 2. The users datatable is displayed 3. The datatable is displayed with all entries and then is filtered down to display any users containing the word "rob"
Test Status	Passed

Player details

Player name:	<input type="text" value="Andrea Barzagli"/>
Overall:	<input type="text" value="85"/>
Club:	<input type="text" value="Juventus"/>
League:	<input type="text" value="Serie A TIM"/>
Nationality:	<input type="text" value="Italy"/>
Position:	<input type="text" value="CB"/>
Age:	<input type="text" value="37"/>
Height_cm:	<input type="text" value="187"/>
Weight_Kg:	<input type="text" value="87"/>
Pace:	<input type="text" value="69"/>
Acceleration:	<input type="text" value="61"/>
Dribbling:	<input type="text" value="66"/>
Balance:	<input type="text" value="64"/>
Shooting:	<input type="text" value="35"/>
Finishing:	<input type="text" value="21"/>
Physicality:	<input type="text" value="73"/>
Stamina:	<input type="text" value="53"/>
Strength:	<input type="text" value="84"/>

Player name:	<input type="text" value="Andrea Barzagli"/>
Overall:	<input type="text" value="85"/>
Club:	<input type="text" value="Arsenal"/>
League:	<input type="text" value="Serie A TIM"/>
Nationality:	<input type="text" value="Italy"/>
Position:	<input type="text" value="CB"/>
Age:	<input type="text" value="37"/>
Height_cm:	<input type="text" value="187"/>
Weight_Kg:	<input type="text" value="87"/>
Pace:	<input type="text" value="69"/>
Acceleration:	<input type="text" value="61"/>
Dribbling:	<input type="text" value="66"/>
Balance:	<input type="text" value="64"/>
Shooting:	<input type="text" value="35"/>
Finishing:	<input type="text" value="21"/>
Physicality:	<input type="text" value="73"/>
Stamina:	<input type="text" value="53"/>
Strength:	<input type="text" value="84"/>

localhost:4006 says

Player updated successfully

OK

Club:

Arsenal

League:

Serie A TIM

Players

Show entries

Search:

Player_name ▲	Overall	Club	League	Nationality	Position	Age	Height_cm	Weight
Andrea Barzagli	85	Arsenal	Serie A TIM	Italy	CB	37	187	87

Showing 1 to 1 of 1 entries (filtered from 190 total entries)

Previous

Options

Player_Name Overall Club League Nationality Position Age Height_cm

<input type="checkbox"/>	Edit	Copy	Delete	Andrea Barzagli	85	Arsenal	Serie A TIM	Italy	CB	37
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↑ ☐ Check all With selected: Edit Copy Delete Export

User Story	As the user, I want to clear the text boxes within the modal, so that I can easily enter information into the textboxes.
Test Case ID	7
Description	Clear the textboxes in order to add new Player
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. The page loads 4. Click on edit icon button 5. Modal displays
Expected Results	<ol style="list-style-type: none"> 1. Press Clear 2. Textboxes should be cleared 3. Name textbox should be unrestricted
Test Status	Passed

Player name:	<input type="text" value="Alexis Sanchez"/>
Overall:	<input type="text" value="88"/>
Club:	<input type="text" value="Manchester United"/>
League:	<input type="text" value="Premier League"/>
Nationality:	<input type="text" value="Chile"/>
Position:	<input type="text" value="LW"/>
Age:	<input type="text" value="29"/>
Height_cm:	<input type="text" value="169"/>
Weight_Kg:	<input type="text" value="74"/>
Pace:	<input type="text" value="83"/>
Acceleration:	<input type="text" value="87"/>
Dribbling:	<input type="text" value="90"/>
Balance:	<input type="text" value="87"/>
Shooting:	<input type="text" value="84"/>
Finishing:	<input type="text" value="84"/>
Physicality:	<input type="text" value="78"/>
Stamina:	<input type="text" value="84"/>
Strength:	<input type="text" value="72"/>

Add Update Delete **Clear** close

Player name:	<input type="text"/>
Overall:	<input type="text"/>
Club:	<input type="text"/>
League:	<input type="text"/>
Nationality:	<input type="text"/>
Position:	<input type="text"/>
Age:	<input type="text"/>
Height_cm:	<input type="text"/>
Weight_Kg:	<input type="text"/>
Pace:	<input type="text"/>
Acceleration:	<input type="text"/>
Dribbling:	<input type="text"/>
Balance:	<input type="text"/>
Shooting:	<input type="text"/>
Finishing:	<input type="text"/>
Physicality:	<input type="text"/>
Stamina:	<input type="text"/>
Strength:	<input type="text"/>

Add Update Delete Clear close

User Story	As the user, I want to be able to quickly add new player to our records, so I can view new players.
Test Case ID	8
Description	Adding a new player to the datatable and database
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. The page loads 4. Click on edit icon button 5. Modal displays 6. Press clear button
Expected Results	<ol style="list-style-type: none"> 1. Enter information into each empty textbox 2. Press add new player button 3. Player added to datatable and database
Test Status	Passed

*Player details

Player name:

Overall:

Club:

League:

Nationality:

Position:

Age:

Height_cm:

Weight_Kg:

Pace:

Acceleration:

Dribbling:

Balance:

Shooting:

Finishing:

Physicality:

Stamina:

Strength:

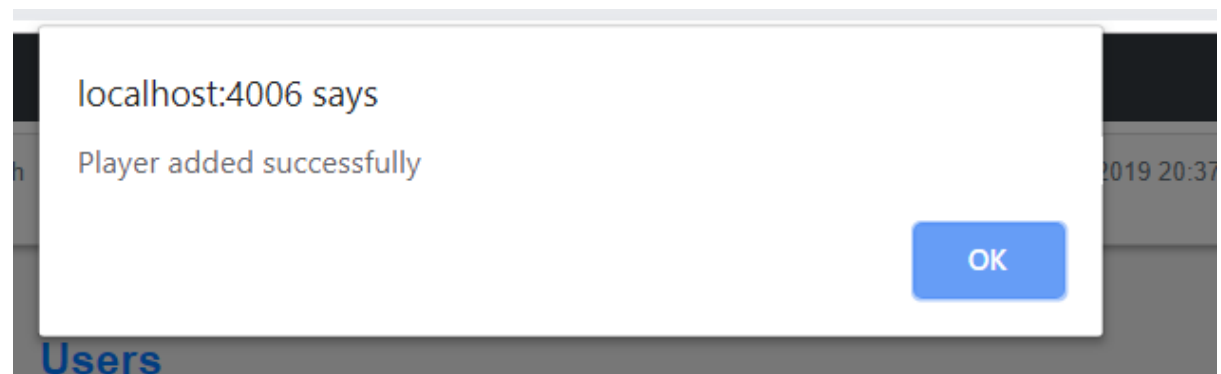
Add

Update

Delete

Clear

close



Players

Show entries Search:

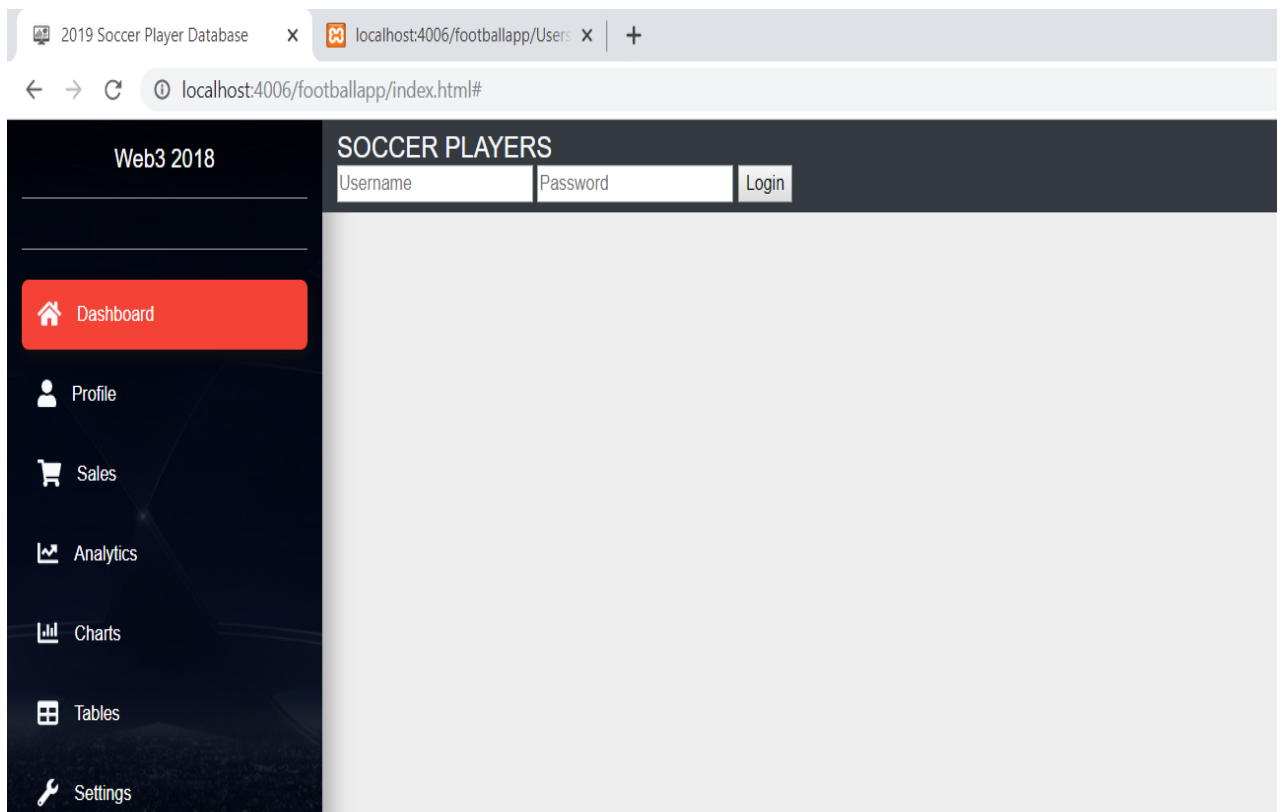
Player_name ▲	Overall ▾	Club ▾	League ▾	Nationality ▾	Position ▾	Age ▾	Height_cm ▾	Weight_kg ▾
john	55	dfg	gdf	df	gg	44	44	44
John Stones	83	Manchester City	Premier League	England	CB	24	188	70
johnjo	99	Liverpool	Premier League	Holland	CM	27	175	69

Showing 1 to 3 of 3 entries (filtered from 191 total entries) Previous Next

☐ Show all | Number of rows: | Filter rows: | Sort by

Options	Player_Name	Overall	Club	League	N
Edit Copy Delete	john	55	dfg	gdf	df
Edit Copy Delete	John Stones	83	Manchester City	Premier League	Er
Edit Copy Delete	johnjo	99	Liverpool	Premier League	H

User Story	As a user, I want to be able to log into my account, so I can view my account details.
Test Case ID	9
Description	Log into my account
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. Page loads
Expected Results	<ol style="list-style-type: none"> 1. Enter username and password 2. Press enter 3. Users account displayed
Test Status	Passed




2019 Soccer Player Database

localhost:4006/footballapp/Users

localhost:4006/footballapp/index.html#

Web3 2018

 rob

Dashboard

Profile

Sales


Analytics


Charts


Tables


Settings


Documentation


Average age
28.3874


Total amount of players
191


Avg Overall Premier
85.5000

Total Wei

Sun Dec 01 2019 21:02:04 GMT+0000
(Greenwich Mean Time)

Sun Dec 01 2019 21:02:04 GMT+0000
(Greenwich Mean Time)











Sun Dec 01 2019 21:02:04 GMT+0000
(Greenwich Mean Time)

Sun Dec 01 2019 21:02:04 GMT+0000
(Greenwich Mean Time)

Users

Show 10 entries

Search:

ID	Username	Image	Edit
1	bfsg		 edit
2	Usedrvvname		 edit
3	rob		 edit
4	Username		 edit
5	dylan		 edit

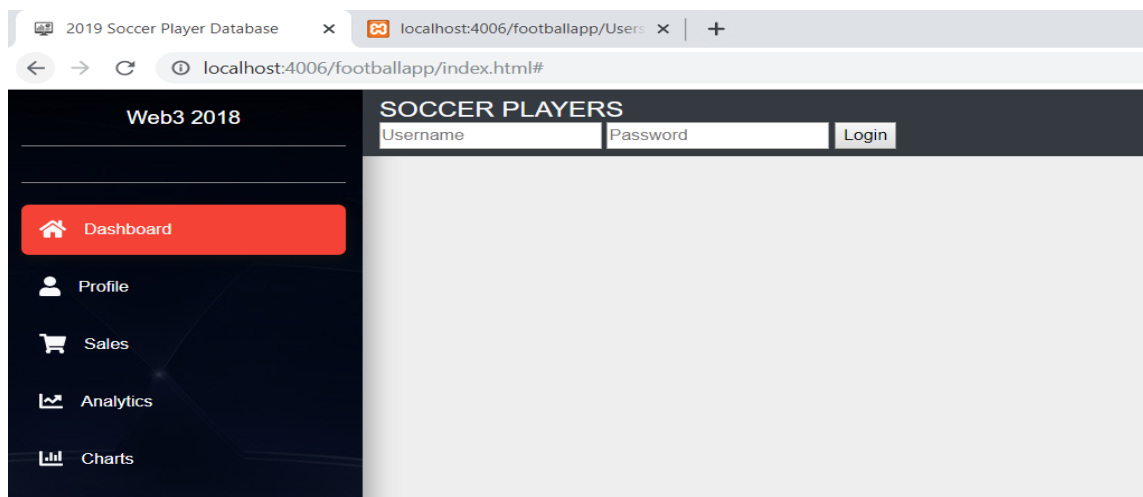
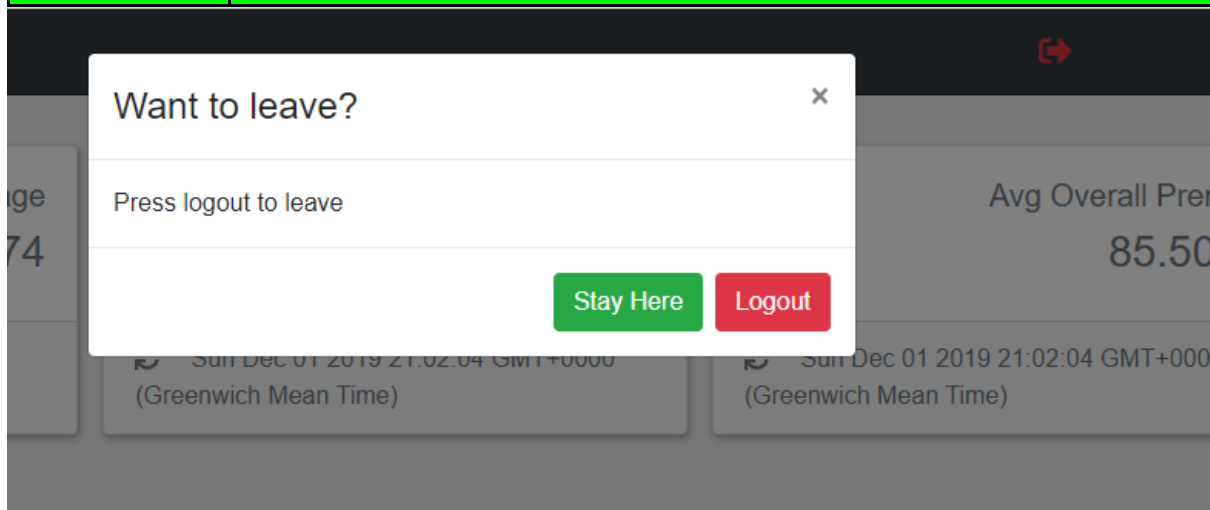
Players

Show 10 entries

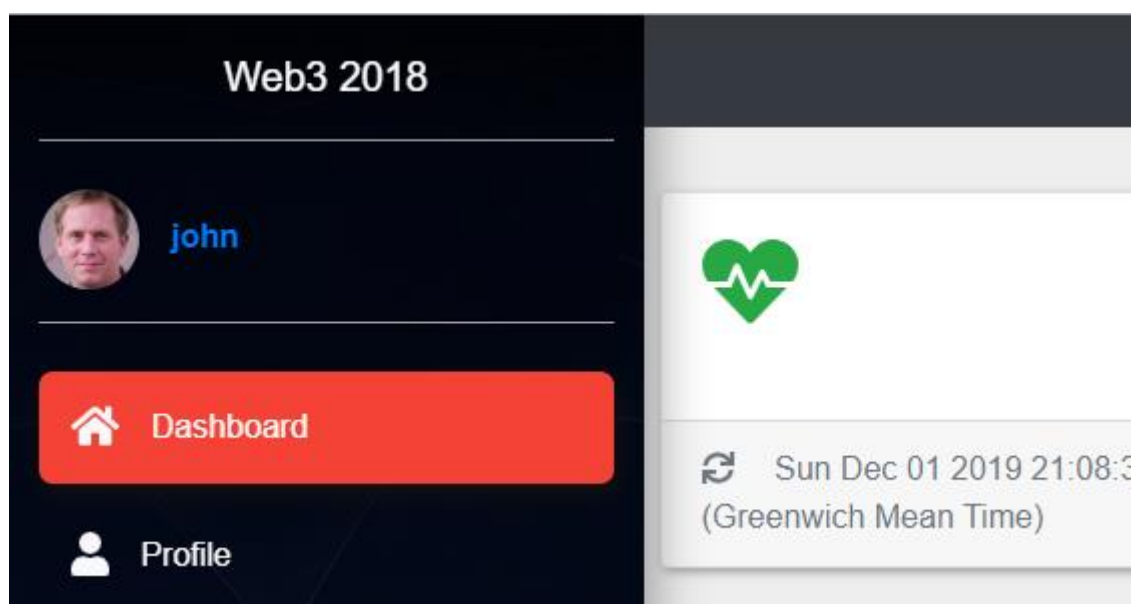
Search:

Player_name	Overall	Club	League	Nationality	Position
Alejandro Gomez	84	Atalanta	Serie A TIM	Argentina	CF
Alessandro Florenzi	83	Roma	Serie A TIM	Italy	RB
Alex Sandro Lobo Silva	87	Juventus	Serie A TIM	Brazil	LB
Alexandre Lacazette	84	Arsenal	Premier League	England	ST

User Story	As a user, I want to be able to log out of my account, so I can log out safely without worrying about my data being available.
Test Case ID	10
Description	The user can log out of their account
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. Page loads 4. User Logged in
Expected Results	<ol style="list-style-type: none"> 1. User press log out button 2. Option modal appears, this gives user option to stay or leave 3. Users press Logout
Test Status	Passed



User Story	As a user, I want to have my name and profile picture within the website, so I can view if I entered the right profile.
Test Case ID	11
Description	User information displayed when logged in
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. Page loads
Expected Results	<ol style="list-style-type: none"> 1. User enter their log in details 2. Press enter 3. Their information is generated on the webpage
Test Status	Passed




User Story	As the website administrator, I want my cards to be updated when crud operation is carried out on a player, so I can display the most update information from the database
Test Case ID	12
Description	Cards are updated after CRUD operation
Preconditions	<ol style="list-style-type: none"> 1. The Application Server is running 2. The Database Server is running 3. Browser open
Actions	<ol style="list-style-type: none"> 1. Enter URL http://localhost:4006/footballapp/index.html# 2. Press enter 3. The page loads 4. Click on edit icon button 5. Modal displays 6. Press clear button
Expected Results	<ol style="list-style-type: none"> 1. Enter information into each empty textbox 2. Press add new player button 3. Player added to datatable and database 4. Data cards are updated
Test Status	Passed


Player details


Player name:	<input type="text" value="seang"/>
Overall:	<input type="text" value="83"/>
Club:	<input type="text" value="Manchester United"/>
League:	<input type="text" value="Premier League"/>
Nationality:	<input type="text" value="jgh"/>
Position:	<input type="text" value="CM"/>
Age:	<input type="text" value="27"/>
Height_cm:	<input type="text" value="175"/>
Weight_Kg:	<input type="text" value="69"/>
Pace:	<input type="text" value="77"/>
Acceleration:	<input type="text" value="78"/>
Dribbling:	<input type="text" value="84"/>
Balance:	<input type="text" value="79"/>
Shooting:	<input type="text" value="73"/>
Finishing:	<input type="text" value="70"/>
Physicality:	<input type="text" value="74"/>
Stamina:	<input type="text" value="86"/>
Strength:	<input type="text" value="69"/>

Before





Average age
28.3874

 Sun Dec 01 2019 21:08:34 GMT+0000
(Greenwich Mean Time)





Total amount of players
191

 Sun Dec 01 2019 21:08:34 GMT+0000
(Greenwich Mean Time)




Avg Overall Premier
85.5000

 Sun Dec 01 2019 21:08:34 GMT+0000
(Greenwich Mean Time)









Total Weight of Players
14784 KG

 Sun Dec 01 2019 21:08:34 GMT+0000
(Greenwich Mean Time)

Users

Show 10 entries Search:


ID	Username	Image	Edit
1	bfgs		
2	Usedrvname		
3	rob		

Players


Show 10 entries Search:


Player_name	Overall	Club	League	Nationality	Position	Age	Height
Alejandro Gomez	84	Atalanta	Serie A TIM	Argentina	CF	30	165
Alessandro Florenzi	83	Roma	Serie A TIM	Italy	RB	27	173
Alex Sandro	87	Liverpool	Serie A	Brazil	LB	27	190

After Crud Operation





Average age
28.3802

 Sun Dec 01 2019 21:30:38 GMT+0000 (Greenwich Mean Time)





Total amount of players
192

 Sun Dec 01 2019 21:30:38 GMT+0000 (Greenwich Mean Time)




Avg Overall Premier
85.4561

 Sun Dec 01 2019 21:30:38 GMT+0000 (Greenwich Mean Time)



Total Weight of Players
14853 KG

 Sun Dec 01 2019 21:30:38 GMT+0000 (Greenwich Mean Time)

Users

Search:











Players

Search:

Bugs

This issue occurs due to the primitive data type being a blob. In php admin it wont allow me add .jpeg extension to those values.

how 10 ▼ entries Search: |

ID	Username	Image	Edit
1	bfsg		 edit
2	Usedrvvname		 edit
3	rob		 edit
4	Username		 edit
5	dylan		 edit

← → ↻ localhost:4006/footballapp/Users

```
"Users": [{"id": "1", "Username": "bfsg", "Password": "dg", "Image": "fgds.jpeg"}, {"id": "2", "Username": "Usedrvvname", "Password": "Password", "Image": "Image"}, {"id": "3", "Username": "rob", "Password": "dertrg", "Image": "reter.jpeg"},
```