**1. Football Tournament Management**

**Football Tournament Management - JEST - UNIT TESTING**

            Football Tournament Management application developed in ReactJS as frontend and NodeJS as backend. This application used to register the teams participating in the tournament, remove/update the team and player details, select and remove the players for team11 and map the teams for the tournament leader board.  The functionalities of the application are shared below.

**Now, you need to write unit test cases to cover all the statements of the application.**

**Instructions to Run Project**

* Install the prerequisites required for your project by clicking **Project > Install**
* Start writing the code for the files inside the **src > testing.**
* You can run your project by clicking **Project > Run.**
* For viewing your application, click **Preview App.**

**Instructions for Running Test Cases**

* Start Writing Test cases
* After writing test cases, you can test your project by clicking on **Run ---> Test**or using**npm test**command in the terminal
* You can view the **test report**corresponding to written test cases in **'test-report.xml'.**
* You can view the **coverage report** corresponding to written test cases in **'./coverage/clover.xml'.**
* **Note: Any syntax errors or invalid statements in your test cases, will stop generating test reports.**
* Once you are done with writing Unit test cases and fix quality issues, Click on **Submit** for Evaluation.

**Notes**

* **Any syntax errors or invalid statements or failures in your test cases will result in a zero score.**
* **Making any changes in the read-only files will result in a zero score.**
* **Make sure you submit only the test cases that have passed.**

**Working of the Application**

This app consists of 7 components. They are as follows:

**Team Register**



* This component allows the user to register the team details.

**Login(Admin)**

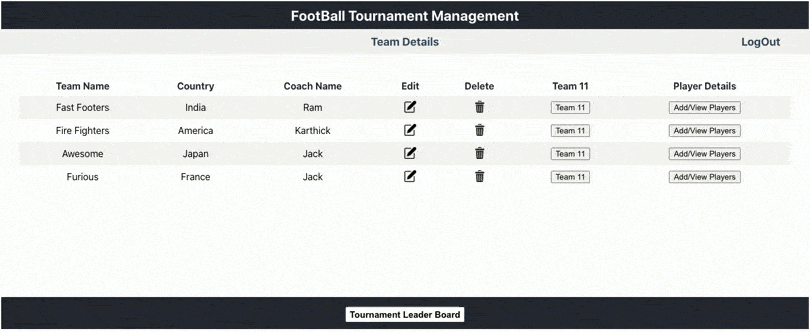


* This component is used for logging in.
* There are two different logins - One for Admin and the other for User.

**Team Details(Admin)**

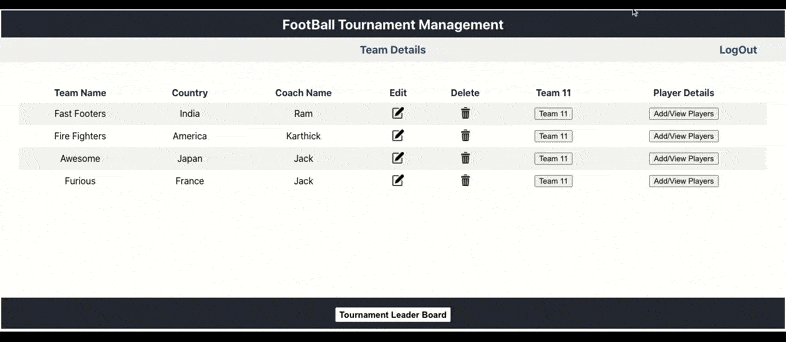
* This component contains all the team details.

**Team 11(Admin)**



* Using this component, we can add the players to play 11.

**View(Admin)**



* This component is used to add/view/remove the player details.

**LeaderBoard(Admin)**



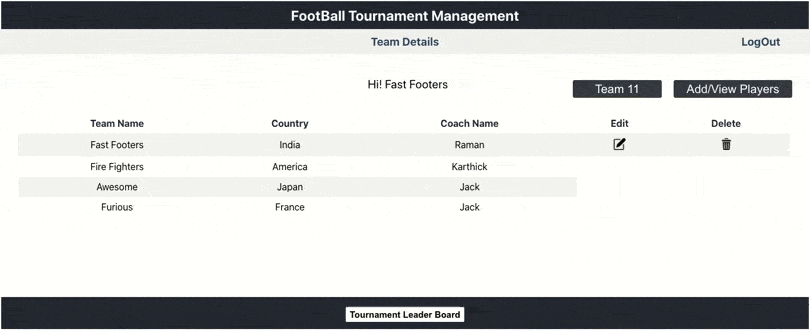
* This component helps in mapping the teams to the Leader board.

**Login(User)**



* There are two different logins. One for Admin and the other for User.

**View(User)**



* This component is used to add/view/remove player details.

**Note :**

**Admin login credentials**: Username: **Admin**, Password: **Fresco@333**

**User login credentials**: Username: **Fast Footers**, Password: **User1@333**