SPORTSWORLD

SPA WITH JS, AJAX AND PHP

Requirements:

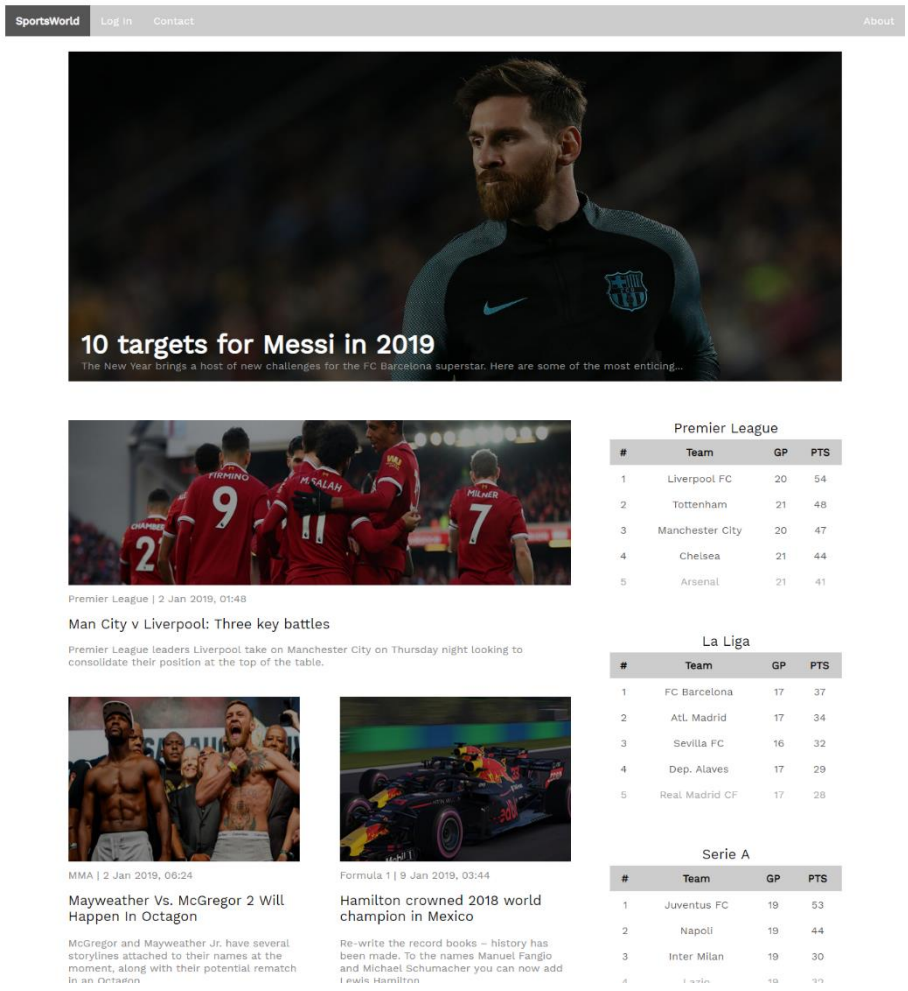
Create an Application with following languages/technologies: JavaScript with JSON/XML, PHP in which are used AJAX calls. Should not be used: databases, js frameworks and libraries.

Software tools used:

- Visual Studio Code
- Php 7.3
- Apache 2.4

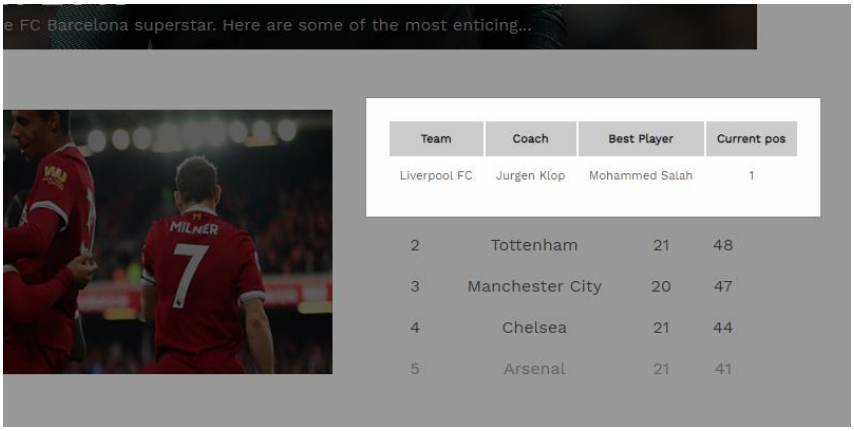
I chose this sports theme because it is one of my passions/hobbies and has a big presence in online environment. As a result of that it gives lots of opportunities to use required tools.

HOME PAGE



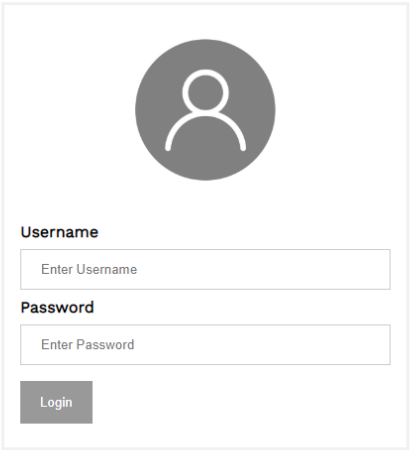
The home page consists of articles and stats. One big main article, followed by a smaller one and two more columns of other articles with a sidebar to the right that displays current team standings from most important leagues.

TEAM INFO POP UP



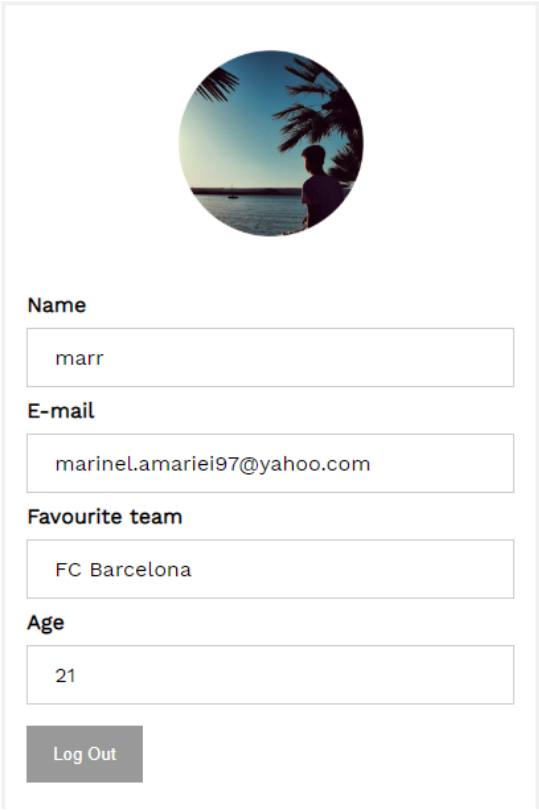
Here you can click on any team to find out more information about it, such as their coach or best player.

LOG IN



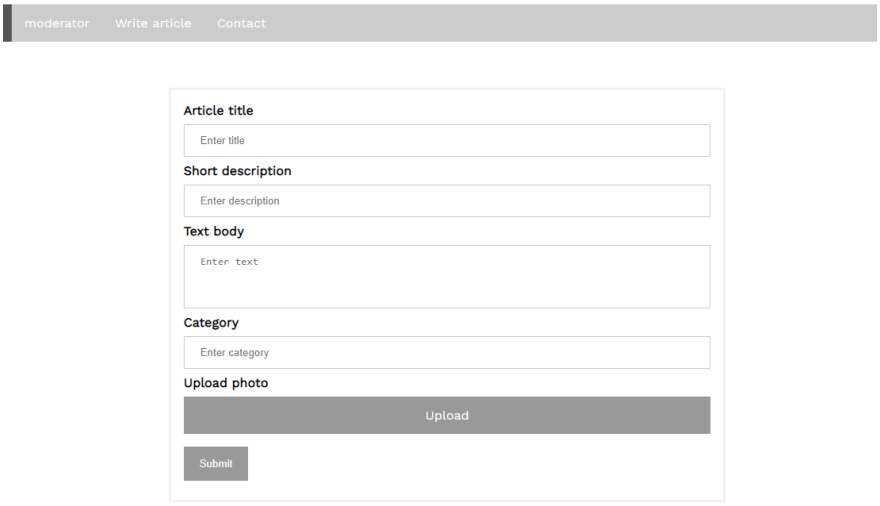
By clicking the "LOG IN" button from the navigation bar, you are redirected to this page in which you can enter your username and password.

PROFILE



Once you are logged in, you can click the button with your username from navigation bar to go to your profile. Here you can choose your favourite team, insert your e-mail or your age.

WRITE AN ARTICLE



When you are logged in as a moderator, a new button is going to show up in the navigation bar named "Write article". If you click it, you are redirected to this page where you have to enter your new article's content like title, description, body and category. You can also upload an image to show up as a banner for your new article.

HOW IT WORKS

All articles are stored as JSON. When front page is accessed the JSON is parsed and its contents are being displayed. When an article is clicked on, with an AJAX call, the body of the page is changed to display selected piece. When any of the teams is clicked on, the modal is populated with the information taken from another JSON with team stats and is displayed with the background darkened.

When you log in, the username/password combination is matched with the entries from users list JSON. After this you can access your profile to see your information or log out.

A logged in moderator can write an article. Inserted information is sent with a POST method and a newArticle object is created and added to preexistent ones.