

CSP584 Final Project

Sports Hub

Project Overview

Our project's name is "Sports Hub" which is basically a sports event website where a user can register and buy tickets of different sports events based on sports category or cities.

There are two types of users:

1. Customer
2. Admin

Customer can register and log in to the website to buy sports tickets on sports category or by places. After successful purchase of ticket customer will receive a confirmation email from this website. Customers also can give feedback for his purchase of tickets to the website.

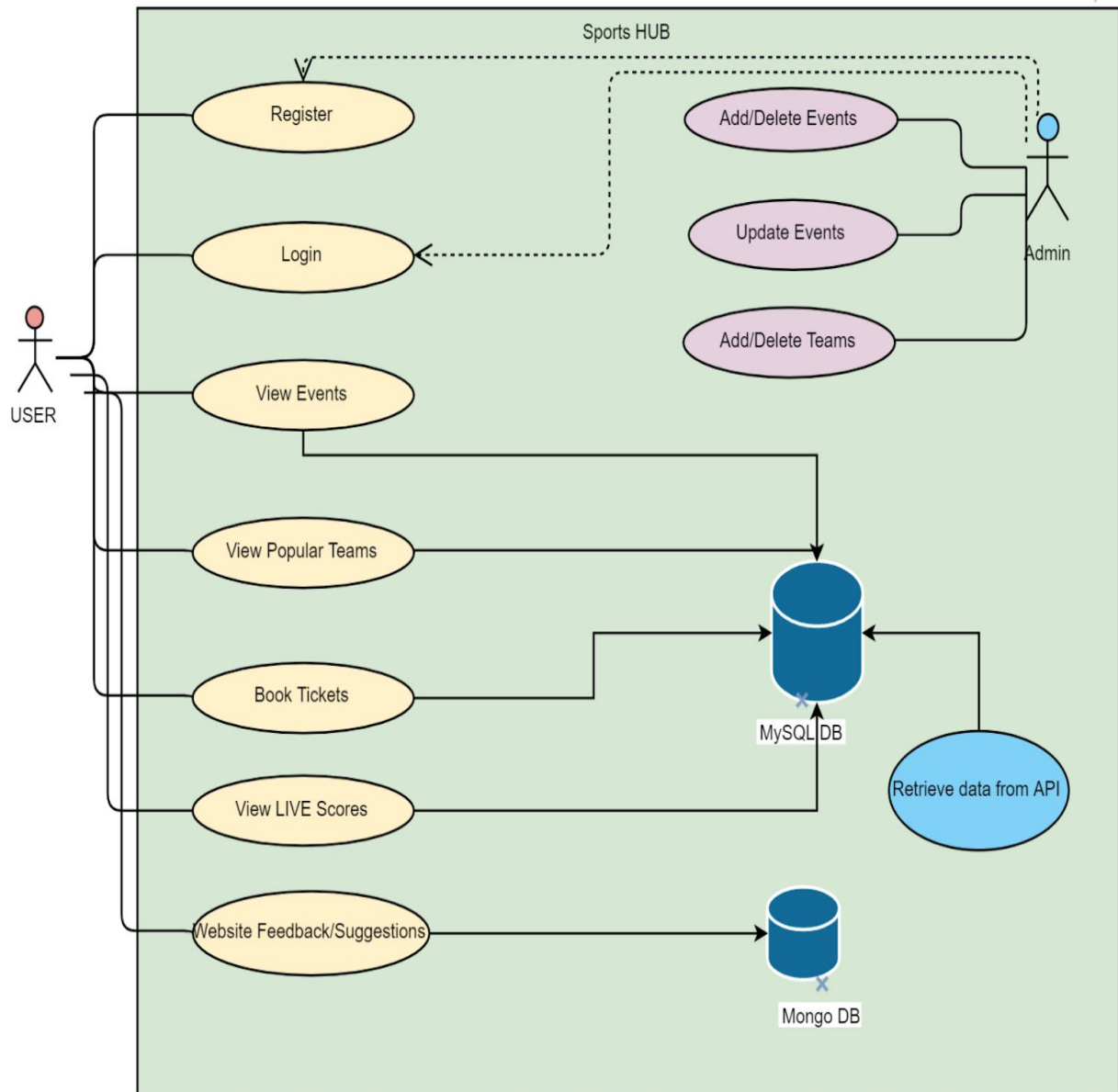
Admin has the authority to add new events or to update an existing event details if required.

Requirements

1. The data of the different sports events are fetched by using StubHub API and data is stored in MySQL database.
2. User can login as customer or admin.
3. Once customer is registered, he/she can login and can see the sports events, category wise like basketball, hockey etc or else can filter the events by their city like Arlington, Chicago etc.
4. After successful purchase of ticket customer can share his experience of as feedback to the portal and reviews will be stored in MongoDB.
5. If a customer has purchased tickets multiple times, then he can select the ticket on which he wants to give feedback.
6. Tickets for multiple times can be added to the users cart at a time, by clicking the add to cart button on the events in which the user is interested. Also, the user can check out for multiple tickets at once.
7. User can use the search event tab to search for events using event names or cities in which they want to check for an upcoming event.
8. After successfully purchasing a ticket, the user receives a confirmation email from SportsHub, bearing the Event name and the date and time at which the event occurs.

Class Diagram

Class Diagram for “Sports Hub”



Technologies Used

1. HTML
2. CSS
3. Bootstrap
4. JavaScript
5. Java
6. JSP
7. Servlet
8. Ajax
9. MySql
10. MongoDB
11. API used: StubHub API