

Web Technologies Mini-Project

PlayScout

Aim:

A platform where users can discover, book, and connect with others for sports facilities. The application simplifies the process of finding and reserving sports venues, while also including a social element for users who wish to team up with others.

Team Members:

1. Omkar S Hegde : PES1UG23CS412
2. Nithin M : PES1UG23CS404
3. Pranav G M : PES1UG23CS432

Key Features:

1. Sports Category Listing:

Users can browse various sports categories like basketball, tennis, football, etc.

2. Facility Booking:

Users can view detailed information about each facility, including photos, reviews, and available time slots.

3. Interested Option:

Users can mark a time slot as "Interested" to indicate they're available but need teammates.

Helps users form teams and join matches with others.

4. Real-Time Chat:

A chat feature allows users who have marked themselves as "Interested" to communicate in real-time.

5. User Authentication:

Sign-up and login system to secure user data and manage bookings.

Web Pages:

1. Home Page:

Lists different sports categories.

Users can select a sport to explore facilities related to it.

2. Facility Listing Page:

Displays a list of facilities for the selected sport.

Includes filters like location, price, and availability.

3. Facility Detail Page:

Shows detailed information about a selected facility.

Features include photos, reviews, pricing, and booking options.

"Interested" button and a link to the chat feature for coordination.

4. Chat Page:

Dedicated page for real-time chat between users who have marked themselves as "Interested."

Allows users to discuss and arrange teams, timing, and game details.

Integrated with Socket.io for seamless, real-time messaging.

5. Sign-Up / Login Page:

Users can create an account or log in to access the platform's core features (bookings, chat).

6. About Us Page:

Provides background information on PlayScout, its mission, and the team.

7. Contact Us Page:

Simple form for users to reach out with queries or support issues.

8. Reviews and Feedback Page:

Dedicated section for users to leave reviews about the platform or specific facilities.

9. User Profile Page:

Users can manage their bookings, reviews, and chat history here.

Use Case:

- Sports Enthusiasts:

Easily discover and book sports facilities nearby.

Connect with other players and form teams for games.

- Facility Owners:

Showcase their sports venues, attract more customers, and manage bookings online.

- Communities and Clubs:

Organize events, promote facilities, and help members find venues and teammates for their activities.