

IQRA University, Islamabad, Chak Shahzad

(Working Progress)

For

Futsal Field Reservation System

By

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2-Week Progress Report for Futsal Field Reservation System

In the Last Presentation the working of some routes of grounds, bookings, and team is not proper so now in this report that the working of routes and everything will properly managed.

Week-5: Working on Previous Tasks which is not properly working and clearing the issues which is in the backend Routes and api's.

● Backend Development:

1. Authentication System

- Implemented JWT-based login/logout functionality
- Created middleware for protected routes (authenticateToken)
- Fixed token storage issues (localStorage + cookies)

2. Booking Management

- Designed MongoDB schemas for Booking and Team
- Implemented API endpoints for:
 - Creating bookings (POST /api/bookings)
 - Fetching bookings by user role (GET /api/bookings/check-bookings)

3. Resolved MissingSchemaError for team references

- Error Handling
- Fixed 401 Unauthorized errors for /dashboard route
- Added proper error responses for failed bookings
- In Previous Presentation Team Data Not Working Now its been Cleared
- CSS Styling Issues (Some Where the Buttons and alphabets are not showing)
- Created schemas for Users, Grounds, Bookings, and Teams using Mongoose.

Supervisor Review:

Week-6: Working on CSS styling and the Issues from the previous Report on the Front End

In this report make sure that this is the main issues which is detect in the last Presentation so again and clearing the issues from the previous ones.

● Frontend Development

1. UI Components

Built reusable components:

Booking form with date/time picker

Team/Ground selection dropdowns

Payment method options(Cash or Bank Transfer)

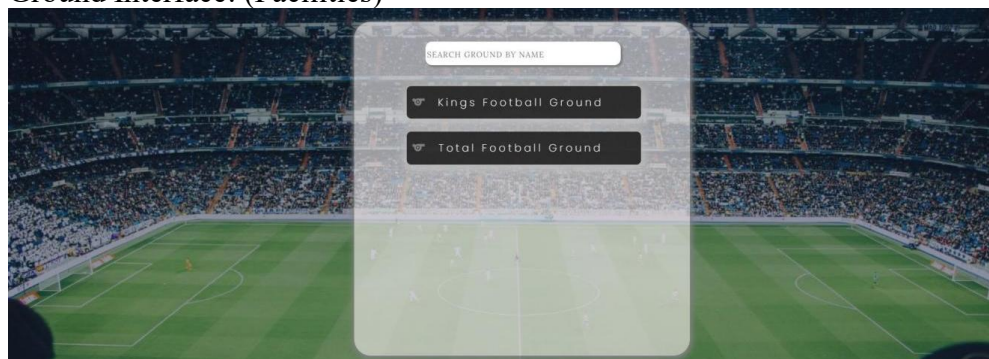
2. Integration(Proper testing)

Connected frontend to backend APIs:

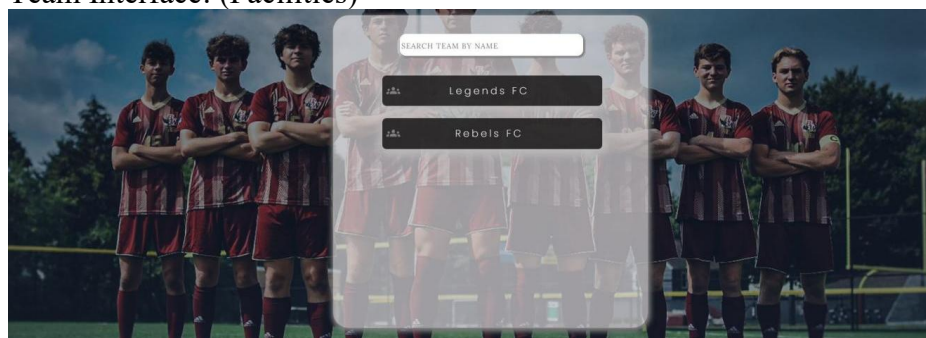
Login/logout flows

Booking creation and listing

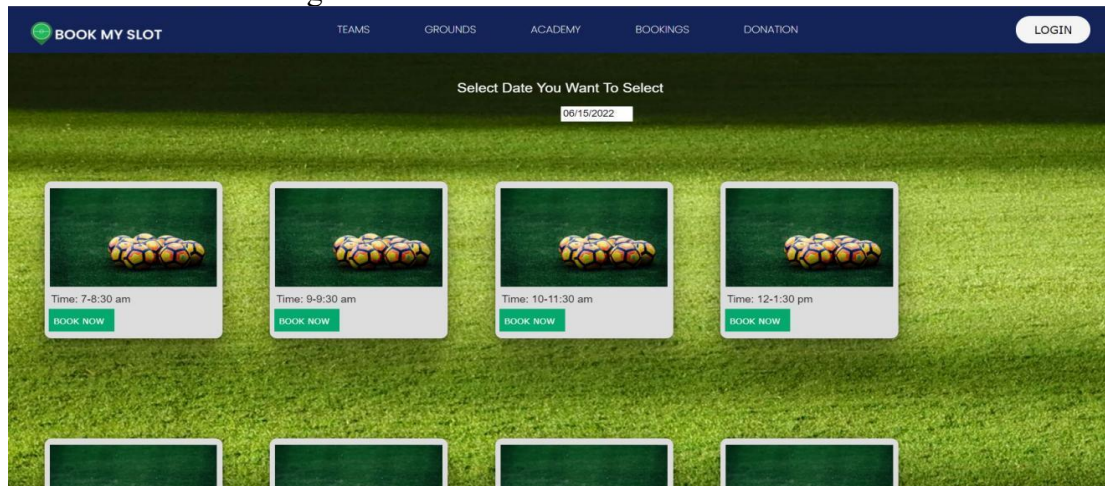
Ground Interface: (Facilities)



Team Interface: (Facilities)



Available Slots Booking:



Supervisor Review:

Upcoming Week Plan

Priority 1: Team Owner and Ground Owner Chat bot

Priority 2: Making The Acedmy Donations in the Account Directly and working properly

Priority 3: Optimize database queries

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