



Group 5
Batch 1

Book My Turf

Turf Booking Website



Overview

- Introduction
- Technology Stack
- Design and user Interface
- Features
- Booking process
- Challenges and Solutions
- Future Enhancement
- Conclusion



Introduction

Welcome to our Turf Booking Website presentation! Get ready to discover a platform reshaping how sports enthusiasts and event organizers reserve turfs. Let's explore seamless booking experiences, convenience, and unmatched accessibility!



Idea and Motivation

BookMyTurf is developed to tackle the challenges faced by sports enthusiasts in booking turfs efficiently. We experienced the frustration of navigating complex booking processes and managing multiple bookings across venues. Our platform simplifies turf booking, empowering users to focus on their game while we handle the logistics. Our project focuses on enhancing the sports experience and fostering a culture of accessibility and convenience.

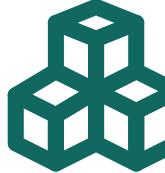


*"Champions aren't made in the gyms.
Champions are made from something they
have deep inside them -- a desire, a dream, a
vision."*

Frontend Overview

Technologies Used:

React.js



React.js is a JavaScript library for creating interactive user interfaces, simplifying frontend development with reusable components.

React Router



React Router is a routing library for React applications, enabling navigation between different components/pages without full-page reloads, enhancing frontend user experiences.

Ant Design



Ant Design: A React UI library that streamlines frontend development by providing pre-designed components, styles, and layouts for creating visually appealing and responsive user interfaces with ease.

Frontend Overview

Components:

- HomePage component
- BookingPage component
- Contact component
- Aboutus component
- ProfilePage component
- Login component
- Register component
- AddTurf component
- Additional components mentioned in the code (Navbar, Carousel, FilterSection, TurfCard, Footer)

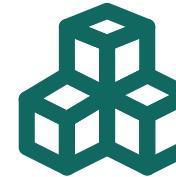
Data Fetching



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Backend Overview

Technologies Used:



Node.js with Express

Node.js with Express is a backend framework for building web applications using JavaScript. It handles server-side logic, routing, and middleware for handling HTTP requests and responses.



MySQL

MySQL is a database system for structured data storage and retrieval. In the backend, it's paired with languages like Node.js for managing data operations.



CORS

CORS (Cross-Origin Resource Sharing) manages resource access across different web origins, vital for backend security by permitting or restricting access.

Backend Overview

Routes:

- /: Displays a simple response.
- /turfs: Fetches all turfs from the database.
- /addTurf: Adds a new turf to the database.

Database Connection:

- Utilizes the mysql package for connecting to the MySQL database.
- Manages database queries such as selecting all turfs and adding a new turf.



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Backend Overview

- Interaction between Frontend and Backend:
 - Frontend sends requests to the backend for fetching and adding turfs.
 - Backend processes these requests, interacts with the database, and sends responses back to the frontend.
- How Components are Utilized:
 - Explain the purpose of each frontend component and how they contribute to the user experience.
- State Management:
 - Utilization of React's useState and useEffect for managing component state and data fetching.



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Features

01



Objective 01

User
Authentication

02



Objective 02

See Listed
Turfs

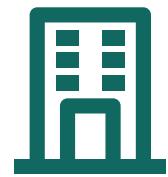
03



Objective 03

Add New
Turfs

04



Objective 04

Book
Turfs

Future Scope

- Development an android application
- Adding another feature of community where people can connect to more players and post about their turf experience.
- Integration of services like renting of sports equipments.
- Allow booking for more sports events as well as bulk booking(sports like badminton, table tennis etc.)
- Adding another feature ,to take reviews and ratings from users.

Thank You

Resource Page

