QuickCourt - A Local Sports Booking

Overview

QuickCourt is a platform that enables sports enthusiasts to book local

sports facilities (e.g., badminton courts, turf grounds, tennis tables)

and create or join matches with others in their area. Your goal is to

build a full-stack web application that facilitates this end-to-end expe-

rience, ensuring a smooth user experience, booking accuracy, and

community engagement.

Roles

User

Facility Owner

Admin

User Role

Features & Functionalities

Authentication

Login with email and password

Sign up with email, password, full name, avatar, and role

OTP verification step after signupHome Page

Welcome banner or carousel

Quick access to:

○ Popular venues

○ Popular sports

Venues Page

List of all approved sports venues

Search for a venue

Filters: sport type, price, venue type, rating

Pagination

Each card displays:

○ Venue Name

○ Sport Type(s)

○ Starting Price per hour

○ Short Location

○ Rating (if reviews implemented)

Single Venue Page

Full details of the selected venue:

○ Name, description, address

○ List of Sports available

○ Amenities

○ About Venue

○ Photo gallery

○ Reviews section

Action: Book Now button

Court Booking Page

Select court and time slot

View price and total

Proceed to confirm and simulate payment

After success, redirect to "My Bookings"

Profile Page

Display user details: Name, Email

Allow edit/update info

Tabs: My Bookings

My Bookings Page

List of all court bookings

Each booking card shows:

○ Venue name, sport type, court name

○ Date and time of booking

○ Status: Confirmed / Cancelled / Completed

○ Action: Cancel button (if in the future)

 Filters by date or status

Facility Owner Role

Features & Functionalities

Dashboard

Welcome message and KPIs:

○ Total Bookings

○ Active Courts

○ Earnings (simulated)

○ Booking Calendar

Charts to implement:

○ Daily/Weekly/Monthly Booking Trends (Line/Bar Chart)

○ Earnings Summary (Bar or Doughnut Chart)

○ Peak Booking Hours (Heatmap or Area Chart)

Facility Management Page

Add/Edit facility details:

○ Name, location, description

○ Type of sports supported

○ Amenities offered

○ Upload multiple photos

Court Management Page:

○ Court name, sport type

○ Pricing per hour

○ Operating hours

Edit/delete existing courts

Time Slot Management

Set availability for each court

Block time slots for maintenance

Booking Overview Page

View upcoming and past bookings

Each record shows:

○ User name, court, time

○ Status: Booked / Cancelled / Completed

Profile Page

Display owner details

Allow edit/update info

Admin Role

Features & Functionalities

Dashboard

Global stats overview:

○ Total users

○

○

○

Total facility owners

Total bookings

Total active courts

Charts to implement:

○ Booking Activity Over Time (Line or Bar Chart)

○

User Registration Trends

○

Facility Approval Trend

○

Most Active Sports

○

Earnings Simulation Chart

Facility Approval Page

View list of pending facility registrations

Approve or reject with optional comments

See submitted facility details and photos

User Management Page

List of all users and facility owners

Search and filter by role or status

Actions:

○ Ban/unban user

○

View user booking history

Reports & Moderation Page

View reports submitted by users

Take action on flagged facilities or users

Profile Page

Display admin profile

Allow basic info update