

User Manual for Lim's Sports Complex

1. Introduction

The Sports Facility Booking System enables users to book facilities such as basketball courts and badminton courts, while administrators manage users, bookings, and content. This user-friendly platform ensures secure and efficient operations.

2. System Requirements

Browser: Google Chrome, Firefox, Edge, or Safari

Operating System: Windows, macOS, Android, or iOS

Server Requirements: PHP 7.4+, MySQL 5.7+

Network: Stable internet connection

3. User Roles and Access

1. Admin:

- Manage users (add, edit, delete).
- Manage bookings (view, edit, delete).
- Access all content and system functionalities.

2. User:

- View available booking slots.
- Make, update, or cancel bookings.
- View personal booking history.

4. Features and Functions

4.1 Registration

1. Go to the Register page.
2. Enter your username, password, confirm password, and select your role (user or admin).
3. Click Register to create your account.

4.2 Login

1. Go to the Login page.
2. Enter your username and password.
3. Click Login:

- Admins: Redirected to the Admin Dashboard.
- Users: Redirected to the Booking Page.

4.3 Booking (For Users)

1. Navigate to the Booking Page.
2. Fill out the form:
Name, email, phone, date, time, and service.
3. Click Book Now.
4. Confirmation of your booking will be displayed.

4.4 Managing Bookings (For Admins)

1. Navigate to Manage Content in the Admin Dashboard.
2. View, edit, or delete bookings:
 - Click Edit to update booking details.
 - Click Delete to remove a booking.

4.5 Managing Users (For Admins)

1. Navigate to Manage Users in the Admin Dashboard.
2. View a list of users and their roles.
3. Perform actions:
Edit: Modify username, password, or role.
Delete: Remove a user.

5. Security Features

- Passwords are hashed using `bcrypt` for secure storage.
- Role-based access control (RBAC) to ensure appropriate access.
- Input validation and prepared statements to prevent SQL injection.
- HTTPS implementation for secure data transmission.

6. Common Issues and Solutions

1. Forgot Password:
 - Currently, no password recovery feature is implemented. Contact the admin to reset your password.

2. Cannot Login:

- Ensure the username and password are correct.
- Check the browser console for password comparison logs (if debugging is enabled).

3. Booking Errors:

- Ensure all required fields are filled in correctly.
- Check your internet connection.

7. Future Enhancements

1. Integration of payment gateways for online payments.
2. Multi-factor authentication for enhanced security.
3. Development of a mobile app for on-the-go booking.

This manual provides an overview of the system's functionality and helps users and admins navigate the platform effectively.