SYSTEM STUDY REPORT

Project Overview

Response: The Turf Booking System project aims to modernize and simplify the process of booking sports turfs. It provides a user-friendly web and mobile platform for sports enthusiasts, clubs, and turf providers to book and manage turf reservations. This system aims to enhance the accessibility and convenience of booking sports facilities, benefiting both users and providers.

To what extent the system is proposed for?

Response: The system is proposed for full-scale deployment to serve a wide range of sports enthusiasts, clubs, and turf providers in our target region. It is designed for long-term use and scalability as the user base grows.

Specify the Viewers/Public which is to be involved in the System?

Response: The system is intended for use by the following groups:

- Regular Users: Individuals looking to book sports turfs for personal use.
- Club Users: Clubs or organizations requiring turf bookings for extended periods.
- Admins: System administrators responsible for user management and system oversight.
- Turf Providers: Entities offering sports turfs for booking.

List the Modules included in your System?

Response: The Turf Booking System comprises the following key modules:

1. User Management
2. Turf Listing and Management
3. Booking and Reservation
4. Admin Dashboard
5. Club Booking (for extended reservations) **Identify the users in your project?**

Response: The primary user roles in our project are as follows:

- Regular Users
- Club Users
- Admins
- Turf Providers

Who owns the system?

Response: The Turf Booking System is owned and managed by our organization(sportigo), responsible for its development, operation, and maintenance.

System is related to which firm/industry/organization?

Response: The system is related to the sports and recreation industry, specifically targeting sports enthusiasts, sports clubs, and turf providers in our region.

Details of the person you have contacted for data collection?

Response: We have contacted Firoz Muhammed, a representative from a local sports facility management organization. This contact has provided valuable insights and data regarding turf booking requirements, user expectations, and industry standards.

Questionnaire to Collect Details About the Project

What is the primary objective of the Turf Booking System project?

Response: The primary objective is to create a user-friendly platform for booking sports turfs, improving accessibility and convenience for sports enthusiasts and clubs.

Who are the primary users of the system, and what are their specific needs and roles?

Response:

- Regular Users: Need a simple booking process and visibility into turf availability.

- Club Users: Require extended booking options and reservation management.

- Admins: Need tools for user management and system oversight.

- Turf Providers: Want to list and manage their turf offerings.

What modules or components have been identified for inclusion in the system, and what are their key functionalities?

Response:

- User Management: User registration, authentication, and profile management.

- Turf Listing and Management: Turf providers can list, edit, and manage their turf listings.

- Booking and Reservation: Users can view availability, book turfs, and receive confirmations.

- Admin Dashboard: Admins can manage user accounts, verify turf listings, and handle issues.

- Club Booking: A specific booking process for club users for extended reservations.

How is data collected and managed within the system, and what types of data are stored?

Response: Data is collected through user input and stored securely in a database. User data includes usernames, emails, and booking history. Turf data includes listings, availability, and pricing.

Are there any specific industry standards or regulations that the system needs to comply with?

Response: Yes, the system will comply with data privacy laws and regulations regarding online transactions and user data protection.

What technologies or frameworks are being used to develop the Turf Booking System?

Response: We are using web technologies such as HTML, CSS, JavaScript for the frontend, and a Python-based Django framework for the backend.

Is there a specific timeline or deadline for the project's completion?

Response: Yes, the project is planned for completion within 6months.

What are the key challenges or risks associated with the project, and how do you plan to mitigate them?

Response: Challenges include competition, data security, and user adoption. We plan to address these through targeted marketing, robust security measures, and user-friendly design.

Have you identified any potential areas for future enhancements or expansion of the system?

Response: Yes, potential areas for expansion include integrating additional payment methods and adding support for different types of sports facilities.