

**Foundation University Islamabad Rawalpindi Campus**

**SCD Lab Project Proposal**

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**Submitted TO:**

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# **Paradise Marquee - Marquee Booking System**

**Introduction**

Paradise Marquee is an online marquee booking system to book for events. Users can select the time of booking to check for an available slot. If slot is available, users can add further information regarding number of people invited etc. the time booked and the type of event. Based on the information the system will generate a price which users can pay and book the slot. Users can also sign up and can view their bookings by logging into their accounts. When an event is finished the admin marks it as completed. If a booking is cancelled the time slot is automatically freed. After an event is finished user can post a review from their account.

**Problem Statement:**

1. **Limited Accessibility**: Customers often struggle to find available marquees for their desired dates, leading to wasted time and resources as they contact multiple providers individually.
2. **Time-Consuming Booking Process**: The current process requires extensive back-and-forth communication, including phone calls and emails, between customers and marquee providers, resulting in a protracted and cumbersome booking procedure.
3. **Booking Conflicts**: Due to the lack of real-time visibility into marquee availability, double bookings and scheduling conflicts are common, leading to dissatisfaction and potential financial losses for both parties.
4. **Payment Hassles**: Manual payment processes, including cash transactions or checks, can be inconvenient for customers and marquee owners, making it challenging to track payments accurately.
5. **Limited Information**: Customers often lack comprehensive information about the marquees they are considering, including details about amenities, capacity, and previous customer experiences, making it challenging to make informed decisions.
6. **Lack of Feedback Mechanism**: The absence of a rating and review system inhibits transparency and hinders customers from choosing reputable marquee providers.
7. **Administrative Overhead**: Marquee owners face administrative burdens related to managing bookings, keeping track of payments, and maintaining an up-to-date availability calendar.
8. **Inefficient Communication**: The reliance on manual communication methods can lead to miscommunications, misunderstandings, and a lack of timely updates for customers and marquee providers.

Top of Form

**Objective of an Online Marquee Booking System:**

1. **Streamlined Booking Process:** To simplify and expedite the marquee booking process, reducing the time and effort required for customers to find, select, and secure a marquee for their event.
2. **Real-time Availability:** To provide real-time visibility into marquee availability, ensuring that customers can easily identify open dates and reduce the risk of double bookings or scheduling conflicts.
3. **Secure and Convenient Payments:** To offer secure online payment processing, enabling customers to make reservations, pay deposits, and settle fees electronically, increasing convenience and accuracy.
4. **Comprehensive Marquee Information**: To present detailed information about each marquee, including amenities, capacity, pricing, and high-quality images, empowering customers to make informed decisions.
5. **User Management**: To create user profiles for customers and marquee owners, allowing them to manage bookings, view payment history, update their information, and track their event history.
6. **Rating and Review System:** To establish a rating and review mechanism that encourages customers to provide feedback and helps them select reputable marquee providers, fostering trust within the system.
7. **Administrative Efficiency:** To reduce administrative overhead for marquee owners by automating tasks related to managing bookings, tracking payments, and maintaining an up-to-date calendar.
8. **Data Analytics and Reporting:** To provide marquee owners with reporting and analytics tools that offer insights into booking trends, revenue, and customer behavior, aiding in strategic decision-making.
9. **Customer Satisfaction:** To enhance the overall customer experience by providing a transparent, efficient, and user-centric platform that simplifies the event planning process.

**Features**

* User Registration and Authentication
* Users can book the marquee for an event
* Users can cancel their booking
* Users can view their booking history
* Admin authentication and login
* Admin can view booking and mark them as cancelled or fulfilled.

**Contributions  
  
Sameer Asif** will be responsible for most of back-end work like the handling of data structures that hold the booking data and time slots information. He will also help create some of the front-end pages.

**Howatab Ikram** will be responsible for file handling and exception handling correctly storing data inside the file systems and retrieving when needed. He will be creating most of User Interface.