**Introduction**:

In Pakistan, organizing events, be it a wedding, birthday party, or any other celebration, involves numerous tasks and coordination among various service providers. However, there lacks a centralized platform that seamlessly connects event management businesses and individuals looking to plan and execute events.

To address this gap, we propose the development of a comprehensive online platform that brings together event management businesses and vendors, allowing users to efficiently book services and plan their events with ease.

This platform aims to streamline the process for both event organizers and event management businesses

**Project Idea:**

The project entails creating a user-friendly website where event management businesses can showcase their services and users can browse, select, and book vendors for their events, also connecting event organizers with event management businesses and individual vendors in Pakistan to the user. Additionally, individuals can hire private waiters for their gatherings, ensuring a hassle-free and enjoyable experience for hosts and guests alike.

**Scope of Project:**

The scope includes developing a robust online platform with features such as vendor listings, booking functionality, user profiles, payment gateways, and a rating/review system. The platform will cater to a wide range of events, including weddings, corporate events, birthday parties, and more. These functionalities are categorized as:

* **Event organizers:** Search and book event management businesses, individual vendors (catering, decoration, rentals), and hire private wait staff.
* **Event management businesses:** Create profiles, showcase services, receive booking requests, and manage bookings.
* **Individual vendors**: Register profiles, list services and pricing, receive booking requests, and manage bookings.
* **Staff Occupation:** Sign up as private waiter staff, create profiles with experience and gender details, and receive job offers.

**Complexity:**

Moderate complexity. The core functionalities involve user management, vendor listings, booking systems, and potentially integrated payment options. Security and user verification will be crucial aspects

**Opportunity:**

Pakistani market does not has a centralized platform that simplifies event planning and management. With the growing trend of outsourcing event services and the increasing demand for professional event organizers, our platform can capture a substantial market share by offering great choice of organizers, convenience, and a wide range of options also providing the waiter management services for the events, giving users a platform to register as one for side earnings.

**Stakeholders:**

* **Event Business Holders:** Individuals which are venue providers for events with personal property as well for reservations and bookings. Those business holders include; marque owners, guesthouses, farmhouses, apartments, flats, mansions and etc.
* **Individual vendors (catering, decoration, rentals**): Vendors provide specific services required for events, such as decoration, catering, tent and chair rentals, and audio-visual equipment. They rely on the platform to showcase their offerings and connect with potential clients.
* **Waiter staff (individuals seeking private event jobs):** Individuals who offer waiter services for events. They can register on the platform, showcasing their experience and availability for hire.

**Existing Systems:**

Currently, event planning in Pakistan relies heavily on traditional methods such as word-of-mouth referrals, phone calls, and physical visits to vendors.

While some online platforms offer limited services for event management, there is no comprehensive solution that caters to all aspects of event planning and execution.

**Problem Statement:**

The lack of a centralized platform for event management in Pakistan leads to inefficiencies, time-consuming processes, and limited options for both businesses and individuals planning events vendors which lack a centralized platform to showcase their services and reach potential clients. Also, users often struggle to find reliable vendors, compare services, and manage bookings effectively, resulting in flop event.

**Our Proposed Solution:**

We aim to address these challenges by creating an all-in-one online platform that connects users with a diverse range of event management businesses and vendors.

Through our website, users can easily browse through listings, compare services, book vendors, hire waiters and manage their events seamlessly. By providing a convenient and reliable solution, we aim to revolutionize the way events are planned and executed in Pakistan.

**Project Scope:**

The project scope encompasses the development of a fully functional website with features including vendor listings, booking and payment processing, user profiles, reviews and ratings, and a comprehensive backend system for managing vendors and user interactions.

The platform will cater to various types of events and provide a user-friendly experience for both businesses and individuals. The initial project scope can focus on core functionalities like:

* **Login/Signup:** User registration and login for different user types (organizer, business, vendor, wait staff)
* **Listing:** Searchable vendor listings with filters (location, service type, budget)
* **Booking:** Secure booking system with quotes and confirmation.
* **Hiring:** Hire waiters for functions or event.
* **Reviews:** User review and rating system.

MODULE :

1. Event Business Holders:

Allows event businesses to:

* Create Profile showcasing their services.
* List services and pricing.
* Receive booking and reserving requests.
* Manage bookings.
* Search and browse individual vendors (catering, decoration, rentals).
* Book vendors for their events.
* Hire private waiter staff.

1. Admin Module:

A feature that will:

* Handle profiles of different user types.
* View all the submitted emails for updates to the customers.
* Approve the user information.
* Display all the details of all the service providers to the user.
* Manages booking, reserving and canceling of orders.
* Handles payment confirmations.

1. Customer module

Allows customers to:

* Search, filter, and book marquees, guesthouses, and other event venues.
* Find and book local vendors for catering, decoration, rentals (tents, chairs, A/V equipment), etc.
* Search for and hire waiter staff based on experience and availability.
* Send booking requests, receive quotes, manage confirmations, and communicate directly with vendors and venues.
* Securely manage payments and leave reviews for venues, vendors, and waiter staff.

1. Vendors Module:

Enables individual vendors to:

* Create profiles showcasing their services
* List services and pricing
* Receive booking requests
* Manage bookings.

1. Waiter Module:

Enables wait staff to:

* Sign up and create profiles
* Showcase experience and availability
* Receive job offers.

1. Booking and Payment Module:

Provides a secure system for:

* Sending and receiving booking requests
* Managing confirmations
* Integrating payment gateways (optional in initial scope)

1. Review and Rating Module:

Allows users to:

* Leave reviews and ratings for vendors and event management businesses

1. Content Management Module (Optional)

Enables administrators to manage website content like:

* FAQs
* About Us.

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| Use case ID | UC-001 |
| Use case | Register and create profile |
| Actors | Customers, Staff, Event Businesses, Vendor |
| Preconditions | Access to the registration page or interface of website. |
| Basic Flow | The user will be able to access the signup page and create a profile. |
| Actor Action:   1. The user will click on the signup button. 2. The user will sign up with email/phone number. 3. The user will create a profile and categorize as vendor, venue owner, customer or staff. | System Response:   1. The system will ask the user to input the email/phone number. 2. The system will verify email/phone number and display a success message of Signup. 3. The system will display dashboard. |
| Alternative Flow: | 4a. the system will display “already registered” if duplicate account.  4b. the system will display “please try again” if not verified. |
| Post Condition | The user has sign up successfully. |

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| Use case ID | UC-002 |
| Use case | Browse venue and service providers. |
| Actors | Customers, Event Businesses, Vendor |
| Preconditions | The user is login into the website. |
| Basic Flow | The user will be able to list individual vendors and venues. |
| Actor Action:  1. User will browse and search.  3. User will select the service  providers and venues. | System Response:  2. System will display all the venues and  service providers.  4.System will display all the specific  information provided by the venue or  service provider with pricing. |
| Alternative Flow: |  |
| Post Condition | The user will be displayed the uniqueness and pricing of venues and service providers. |
| Use case ID | UC-003 |
| Use case | Book/reserve |
| Actors | Customer, Event Businesses, Vendor |
| Preconditions | The user is login into website. |
| Basic Flow | The user will be able to book services and venue. |
| Actor Action:  1. User will click on Book.  3. User will enter the date and time of event user wants to book. | System Response:  2. System will display the form for  Booking.  4.System will display the confirmation  message. |
| Alternative Flow: | 4a. If venue not available, system will display “already booked” message to the user.  4b. System will ask user to enter new date and time or continue browsing. |
| Post Condition | The user will successfully book/reserve. |

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| Use case ID | UC-004 |
| Use case | List services and pricing |
| Actors | Event Businesses, Vendor, Staff. |
| Preconditions | User has successfully Login into the website. |
| Basic Flow | The user will be able to showcase its services. |
| Actor Action:  1. The user will click on profile.  3. The user will enter the services and update pricing. | System Response:  2. The system will display profile page to the user.  4. The system will save the data into database and display “Successfully Updated” message. |
| Alternative Flow: | 4a. the system will display “please try again” if any wrong input.  4b. the system will display “Please add the remaining fields” message if not filled. |
| Post Condition | The user has successfully listed services and pricing. |

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| Use case ID | UC-005 |
| Use case | Hire Waiters |
| Actors | Event Businesses, Customer, Staff. |
| Preconditions | User has successfully login. |
| Basic Flow | The user will be able to hire waiters. |
| Actor Action:  1. The user will click on “Staff” category.  3. The user will select a staff.  5. The user will click on “Hire”.  7. The user will hire the staff after  discussing availability and wage. | System Response:  2. The system will display staff registered.  4. The system will display the staff profile.  6. The system will notify staff.  8. The system will confirm the hiring. |
| Alternative Flow: | 1a. the system will display “please login” if the user is not logged in.  8a. the system will display “cancelled request” message if the staff is not interested. |
| Post Condition | The user has successfully hire staff for event. |

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| Use case ID | UC-006 |
| Use case | Complete Payment Method. |
| Actors | Event Businesses and Customer. |
| Preconditions | User has successfully book the service provider. |
| Basic Flow | The user will be able to complete the payment method. |
| Actor Action:  1. The user will click on “Pay now”.  3. The user will enter the required information for payment.  5. The user will proceed with payment. | System Response:  2. The system will display a payment method and ask user to input the data.  4. The system will verify and information for payment.  6. the system will display “Successfully paid”. |
| Alternative Flow: | 4a. the system will display “please try again” if information for payment is incomplete.  6a. the system will display “Please try again” if the payment is not confirmed. |
| Post Condition | The user has successfully done payment for reservation. |

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| Use case ID | UC-007 |
| Use case | Review and rating |
| Actors | Event Businesses, Customer. |
| Preconditions | User has successfully login to the website. |
| Basic Flow | The user will be able to rate and review services. |
| Actor Action:  1. The user will click on rate and reviews.  3. The user will enter the reviews and rating. | System Response:  2. The system will display a specified field.  4. The system will save the data into database and display “Completed Successfully” message. |
| Alternative Flow: | 1a. the system will display “please try again” if not login to the website. |
| Post Condition | The user has successfully rate and review services. |

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| Use case ID | UC-008 |
| Use case | Admin Login |
| Actors | Admin |
| Preconditions | Admin successfully sign up to the website. |
| Basic Flow | The user will be able to showcase its services. |
| Actor Actions:  1. Admin will enter with ID & password and press the login button. | System Response:  2. The system will successfully login admin if the ID and password is correct. |
| Alternative Flow: | 1a. Admin presses the login button without entering details The System will display a message “Enter ID & Password”.  2a. If the ID and password are incorrect, system will display “Please Try Again”. |
| Post Condition | The admin has successfully login into the website. |

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| Use case ID | UC-009 |
| Use case | Manage user account and profile. |
| Actors | Admin |
| Preconditions | Admin successfully login into the website. |
| Basic Flow | The admin will be able to view user accounts and profile |
| Actor Actions:  1. Admin will click on to view the accounts and profiles registered. | System Response:  2. The system will display all the accounts and profiles of the registered users. |
| Alternative Flow: | 2a. the system displays “no data” if no account is to view. |
| Post Condition | The admin has managed the accounts of users. |

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| Use case ID | UC-010 |
| Use case | View all venues and service providers |
| Actors | Admin |
| Preconditions | Admin successfully login into the website. |
| Basic Flow | The admin will be able to view all the venues and service providers registered. |
| Actor Actions:  1. Admin will view for the service providers and venues. | System Response:  2. The system will display all the venues and service providers accounts and data. |
| Alternative Flow: | 2a. The system displays “no data” if no account is to view. |
| Post Condition | The admin has viewed the venues and service providers. |

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| Use case ID | UC-011 |
| Use case | Managing booking/reservations. |
| Actors | Admin |
| Preconditions | Admin successfully login into the website. |
| Basic Flow | The admin will be able to manage bookings and reservations made by the user. |
| Actor Actions:  1. Admin will view for the booking and reservations by users. | System Response:  2. The system will display all the relevant information regarding booking of events. |
| Alternative Flow: | 2a. The system displays “no data” if no booking or reservation has taken place. |
| Post Condition | The admin has managed the booking and reservations made by the user. |
| Use case ID | UC-012 |
| Use case | Payment Confirmation |
| Actors | Admin |
| Preconditions | Admin successfully login into the website. |
| Basic Flow | The admin will be able to verify payments. |
| Actor Actions:  1. Admin will click on payments. | System Response:  2. The system will display bookings list with parallel to payments completed or not. |
| Alternative Flow: | 2a. The system displays “no data” if no payment is pending or no booking has taken place. |
| Post Condition | The admin has confirmed payment. |

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| Use case ID | UC-013 |
| Use case | View user queries. |
| Actors | Admin |
| Preconditions | Admin successfully login into the website. |
| Basic Flow | The admin will be able to view user queries. |
| Actor Actions:  1. Admin will click on “Queries”  3. Admin will answer queries. | System Response:  2. The system will display all the user queries.  4. The system will display admin answers. |
| Alternative Flow: | 2a. The system displays “no data” if no queries. |
| Post Condition | The admin has view user queries. |

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| Use case ID | UC-014 |
| Use case | Receive a Job |
| Actors | Staff, User. |
| Preconditions | Staff has successfully login into the website and created a profile. |
| Basic Flow | The staff will be able to view job offer. |
| Actor Actions:  1. Staff will click on the Notification button.  3. Staff will accept the job offer. | System Response:  2. The system will display job offer by user.  4. The system will notify the user of  accepting job offer. |
| Alternative Flow: | 4a. The system will display “Keep looking” message if staff rejects the offer. |
| Post Condition | The staff has been hired successfully. |