**Event Management System**

**Project Domain / Category**

Web Application

**Abstract / Introduction**

As event planning becomes increasingly complex, a streamlined approach to managing events can significantly enhance organization and efficiency. This project proposes a web-based Event Management System that allows users to create, manage, and RSVP to events. The application aims to facilitate seamless communication between event organizers and attendees, helping users keep track of upcoming events and manage their schedules effectively. With a focus on simplicity and user experience, this project targets individuals and small organizations looking to simplify their event planning process.

**Functional Requirements**

In the Event Management System project, there are typically two main types of users/actors:

1. **Event Organizers**
* These users create and manage events. They can set event details, manage RSVPs, and view attendance counts.
* Register and log in to the system.
* Create new events with relevant details (name, date, location, etc.).
* Edit or delete existing events.
* View a list of RSVPs and manage attendee counts.
1. **Attendees**
* These users can browse events, RSVP, and view event details.
* Register and log in to the system.
* View a list of upcoming events.
* Search for events based on date or keywords.
* RSVP to events and indicate attendance status (attend, maybe, decline).

**Tools:**

**Frontend Development**

HTML, CSS, and JavaScript for building the user interface.

Frameworks like Bootstrap for responsive design**.**

**Backend Development**

**PHP:** Use PHP for server-side scripting to handle requests and manage application logic.

**Laravel:** Consider using a PHP framework like Laravel for better structure and ease of development.

**Database Management**

**MySQL:** Use MySQL for storing user and event data, leveraging its relational database capabilities.

**Supervisor:**

Name: Rehan Ahmed

Email ID: rehan@vu.edu.pk

Skype ID: rehan.vu