SRS DOCUMENT.

Project Title: Event Registration and Management Portal

1. Introduction

- The purpose of creating this software is to help users and organizers to plan and attend events with ease.
- This system will be used by both organizers and attendees. It will optimize the event registration task and all details will be easily distributed among all.
- This system will allow organizers to set a limited number of tickets and share all details i.e venue,timings etc, meanwhile users can book their tickets and pay online and will get an E-Ticket which can be scanned through phones as well.

2. System Description

- As stated earlier, users of the system will include, Organizers, attendees and admin.
- This will allow users to signup and create their account as an attendee or even as an organizer according to their requirement, and then they'll be able to register their events and mention details or buy E-Tickets for mentioned events.
- The system will require any mobile phone or device with a browser and stable internet connection

3. Functional Requirements

- Users can create accounts, as organizers or attendees.
- They can register events or buy e tickets.
- As organizers/admin they can add,edit or delete events.
- As Users they can register for available events and view details instantly.
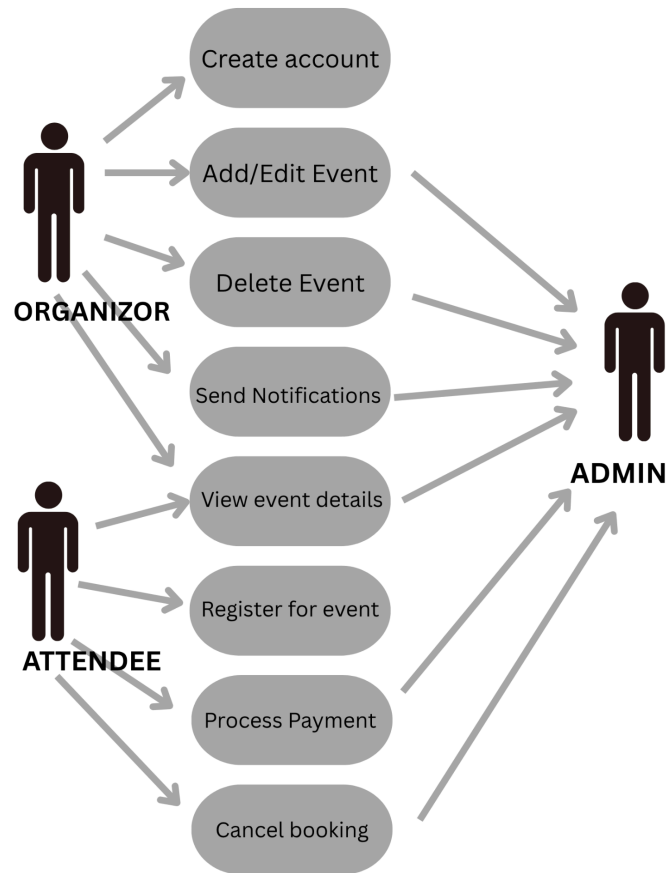- After paying, the system will send confirmation messages.

4. Non-Functional Requirements

- The system should be easy to use and self explanatory with good interface
- The system should have fast response time.
- The system should have secure login and data protection.
- The system should be Responsive i.e it should work on both computers and mobile phones.
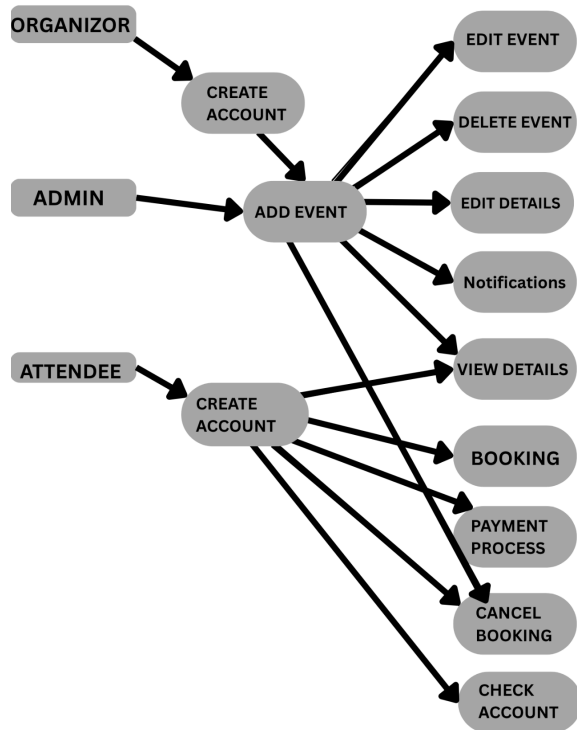
5. System Design

- **Use Case Diagram:**

UCD For Event Registration& Management Portal

ORGANIZOR

Create account

Add/Edit Event

Delete Event

Send Notifications

View event details

ADMIN

ATTENDEE

Register for event

Process Payment

Cancel booking

- **Data Flow Diagram:**

**DFD For Event Registration& Management Portal**

ORGANIZOR → CREATE ACCOUNT → ADD EVENT → EDIT EVENT, DELETE EVENT, EDIT DETAILS, Notifications, VIEW DETAILS

ADMIN → ADD EVENT

ATTENDEE → CREATE ACCOUNT → VIEW DETAILS, BOOKING, PAYMENT PROCESS, CANCEL BOOKING, CHECK ACCOUNT

- ## 6. Conclusion

The main goal would be to optimize the event registration process and manage/organize events effectively, allowing both the organizers and attendees to enjoy themselves without any stress.