Capstone Project
Event Management System

Scenario:

The event management System is designed to facilitate Smooth planning, execution and post-event process for various types of events, register form from Small Scale workshops to Seminal and large conference

Requirements:

1. User Registration and Authentication

* Registration Page:
   - Capture participant details like name, email, and Contact number.
   - Include password Creation with Security validation

* Login Page
   - Allow login with email and password
   - implement Session management for persistent login

* Password Security
   - Hash Passwords (using excrypt or Similar)
   - Verify hashed password during login

2. Event and Participant Management
* Admin Panel:
   - Interface for creating, updating and managing events
   - Interface for Managing Participant details

* Event details
   - Attributes include event name, date, time, venue, Description and ticket Price

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(right page — partially visible)

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* Participent Profile
  - Attribute include name, Registration number, events
  registered for and payment status.
* Search and filtering
  - Participants can search for events based on date,
  type or location
3. Event Registration and Ticketing
  * Event listing Page :
    - Display available events with filtering options
  * Registration and Ticket Purchase Page:
    - form for Participant's to register for an event
    and purchase tickets
  * Registration Management
    - Admins can a approve, reject or modify event
    registration and ticket sales
4. Payment and Invoice Management
  * Participant Payment Page
    - Display details of ticket fees, Payment Status and
    due dates
  * Payment History Page :
    - Show Participants their Payment history and
    download invoices
  * Admin Payment Management
    - update Payment Status, generate invoice and
    track pending Payments

5. Feedback and Issue Reporting

* Feedback Page
   - form for Participants to provide feedback on
     event they attended

* Admin feedback Management
   - Interface for viewing, analyzing and responding
     to participants feedback

Front End:
   - HTML/css, JavaScript, React.js or Angular
   - Bootstrap or Materialize

Back End:
   - Node.Js with Express.Js
   - Mongo DB
   - Mongoose
   - JWT

Blue Print of The Website

Admin Portal

Step-1: Admin login

Event Management - System

User id :-
[_____]

Password :
[_____]

Login

Forgot Password?

Step-2 : Admin home Page

Welcome admin,

Accept Events

view Customer Details

view Booking Details

Logout

[_____]

Step-3: Event Organizing

Welcome Event Organizer

upload Event details

view Bookings

logout

Step-4: USER Interface

welcome user

user id :

Password : [_____]

Login

Step-5: USER Home Page

Event Management   view event details | view previous   LOGOUT

Welcome USER

Event ID: 2345	Event ID: 7890	Event ID: 1000
organi ser name : evat!	organiser name: evet!	organiser name: evet!
event title: abcd	event title : abcd	event title: abcd
Location : chennai	Location : chennai	location : chennai
Date : 31-8-24	Date : 1-9-24	Date : 2-9-24
Book event	Book event	Book event

Step-6 : Add New Event ✓

Add New Event

Organiser Name: [ ]

Event title : [ ]

Event type : [ ]

Location : [ ]

Event date : [ ]

Cost : [ ]

Description : [ ]

Submit   Reset

Step-7 : Admin view Booking Page ✓

Event Booking Details

Event Id	Organiser name	Date	Amount
93407	abcd	31-8-24	500
94321	abcd	1-9-24	500
78902	abcd	2-9-24	1000
89723	abcd	3-9-24	800

Step 8: User Booking Page ✓

Book Event

Event ID: [ ]

Organiser name: [ ]

Customer name: [ ]

Event Date : [ ]

Amount (₹): [ ]

Book (a) Proceed to Pay

Step-9 : Payment Page ✓

Credit/Debit Card Details

Card Number: [ ]

Expiry Date : [ ]

CVV : [ ]

Book Event

Step-10: Online Payment

[GPay] [PhonePay] [Paytm]

Enter UPI ID: [ ]

[ ]

verify

[Pay]

Step-11 : Transaction History

Event	amount
abc event	₹1000
bcd event	₹100
def event	₹2500
fge event	₹500