



IT644 - Web Services & SOA Group Project

Guided By:-

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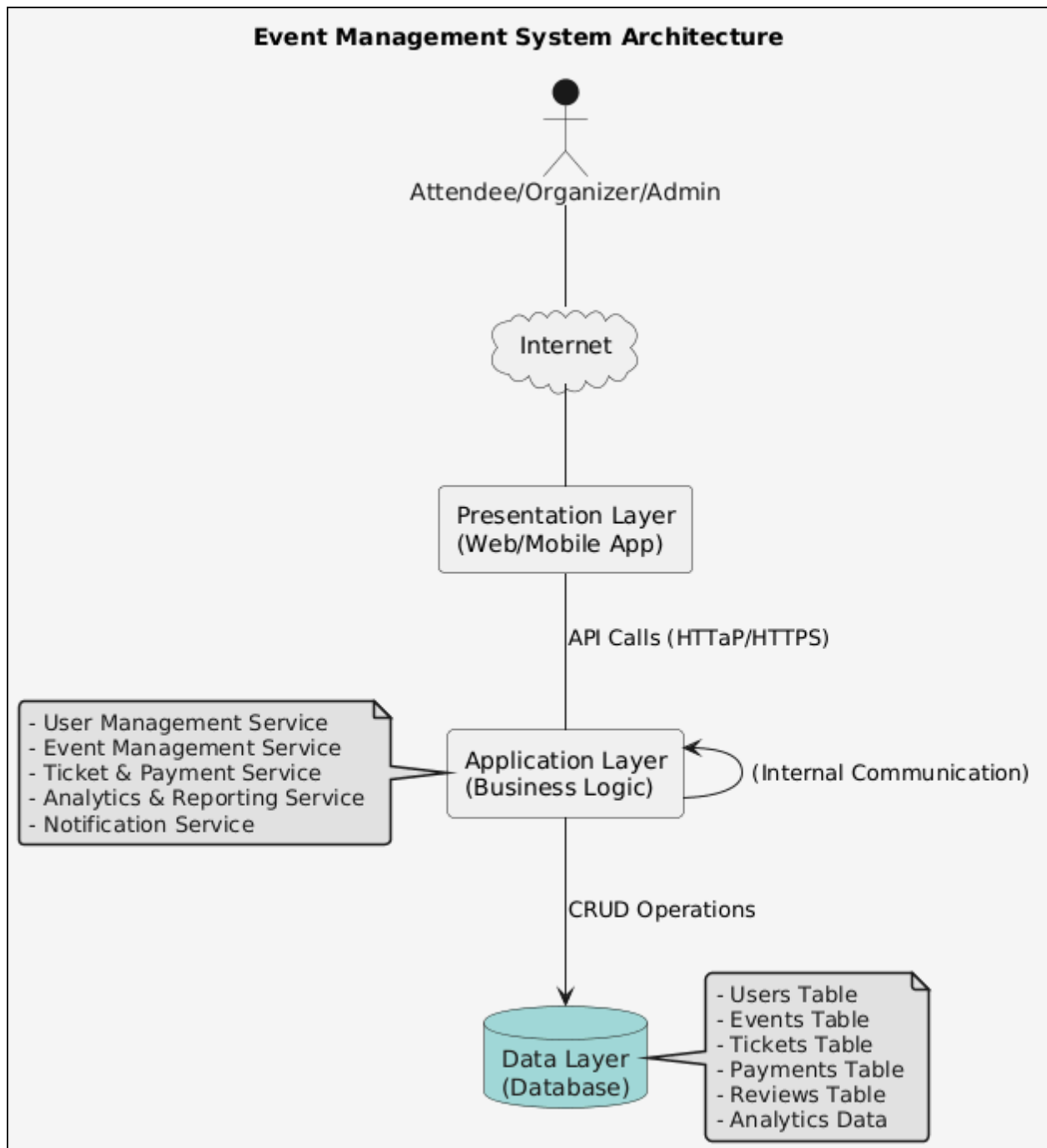
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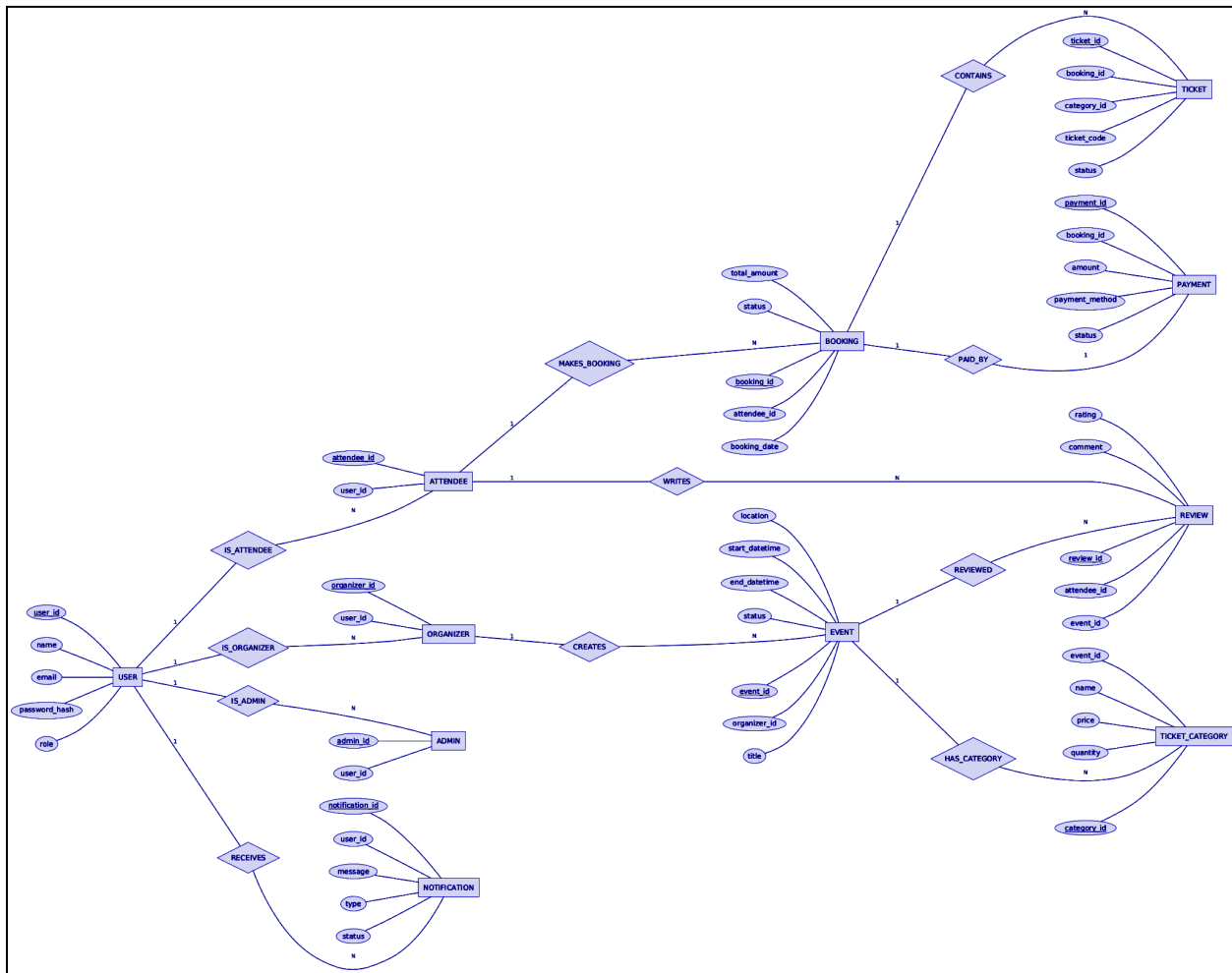
202412101 - Shah Yashvi Devangkumar

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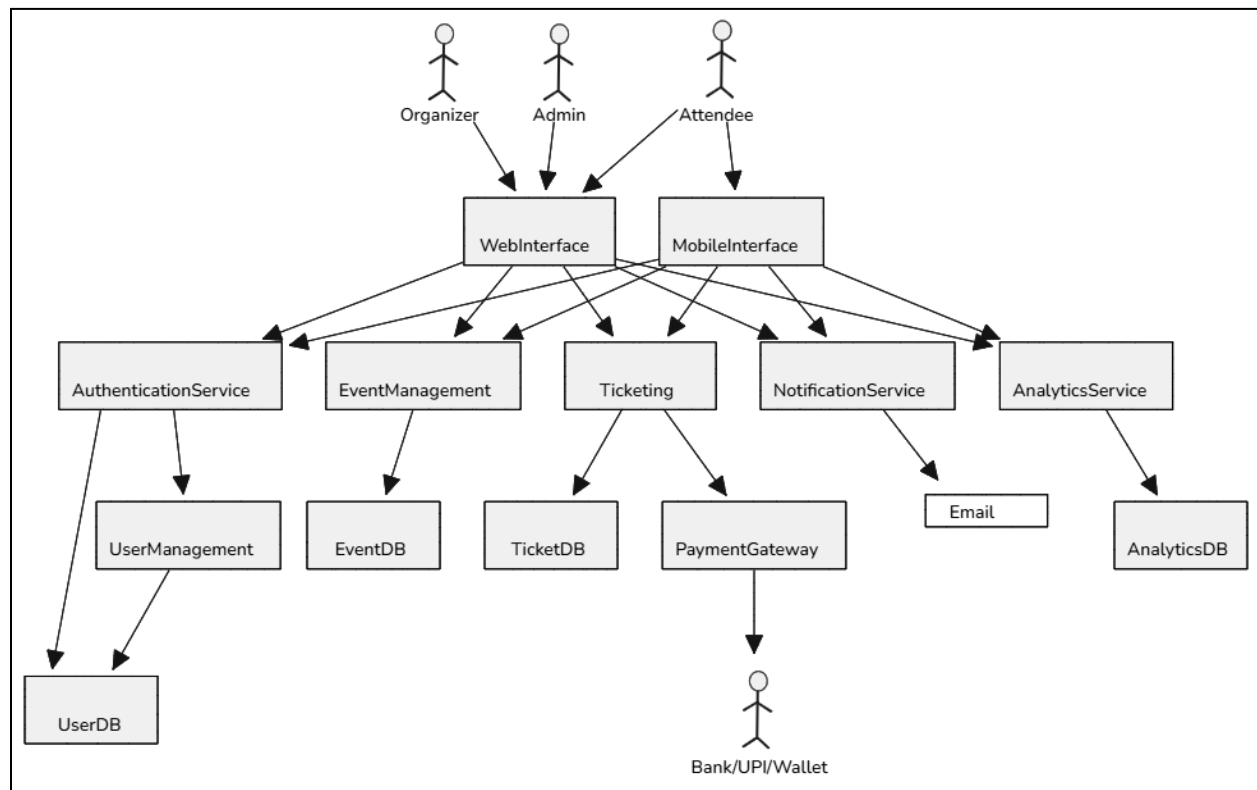
1. Architecture Diagram:-



2. Database Schema (ER-Diagram):-



3. Class/Component Diagram:-



REST API Contracts [OpenAPI]

YAML Format

openapi: 3.0.3

info:

title: Event Management API

version: 1.0.0

servers:

- url: https://api.yourdomain.com/v1

paths:

/auth/register:

post:

summary: Register a new user

requestBody:

required: true

content:

application/json:

schema:

\$ref: '#/components/schemas/UserRegistration'

responses:

'201':

description: User registered successfully

/auth/login:

post:

summary: Login user and return JWT

requestBody:

required: true

content:

application/json:

schema:

\$ref: '#/components/schemas/UserLogin'

responses:

'200':

description: Authentication successful

/events:

post:

summary: Create a new event

security:

- bearerAuth: []

requestBody:
 required: true
 content:
 application/json:
 schema:
 \$ref: '#/components/schemas/Event'
responses:
 '201':
 description: Event created

/tickets/purchase:
 post:
 summary: Purchase a ticket
 security:
 - bearerAuth: []
 requestBody:
 required: true
 content:
 application/json:
 schema:
 \$ref: '#/components/schemas/TicketPurchase'
 responses:
 '200':
 description: Ticket purchased successfully

components:
 securitySchemes:
 bearerAuth:
 type: http
 scheme: bearer
 bearerFormat: JWT

schemas:
 UserRegistration:
 type: object
 required:
 - name
 - email
 - password
 - role
 properties:
 name:
 type: string
 email:

type: string
format: email
password:
type: string
role:
type: string
enum: [admin, organizer, attendee]

UserLogin:

type: object
required:
- email
- password
properties:
email:
type: string
format: email
password:
type: string

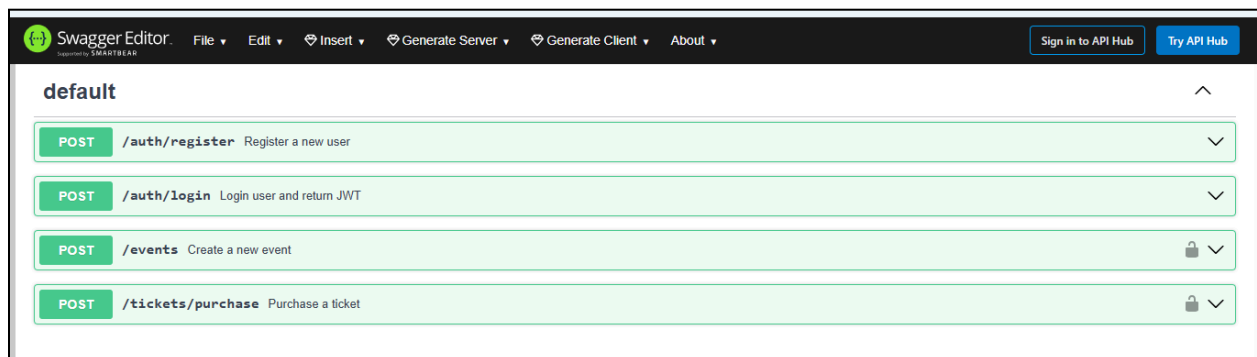
Event:

type: object
required:
- title
- location
- date_time
properties:
title:
type: string
description:
type: string
location:
type: string
banner_url:
type: string
date_time:
type: string
format: date-time
ticket_categories:
type: array
items:
\$ref: '#/components/schemas/TicketCategory'

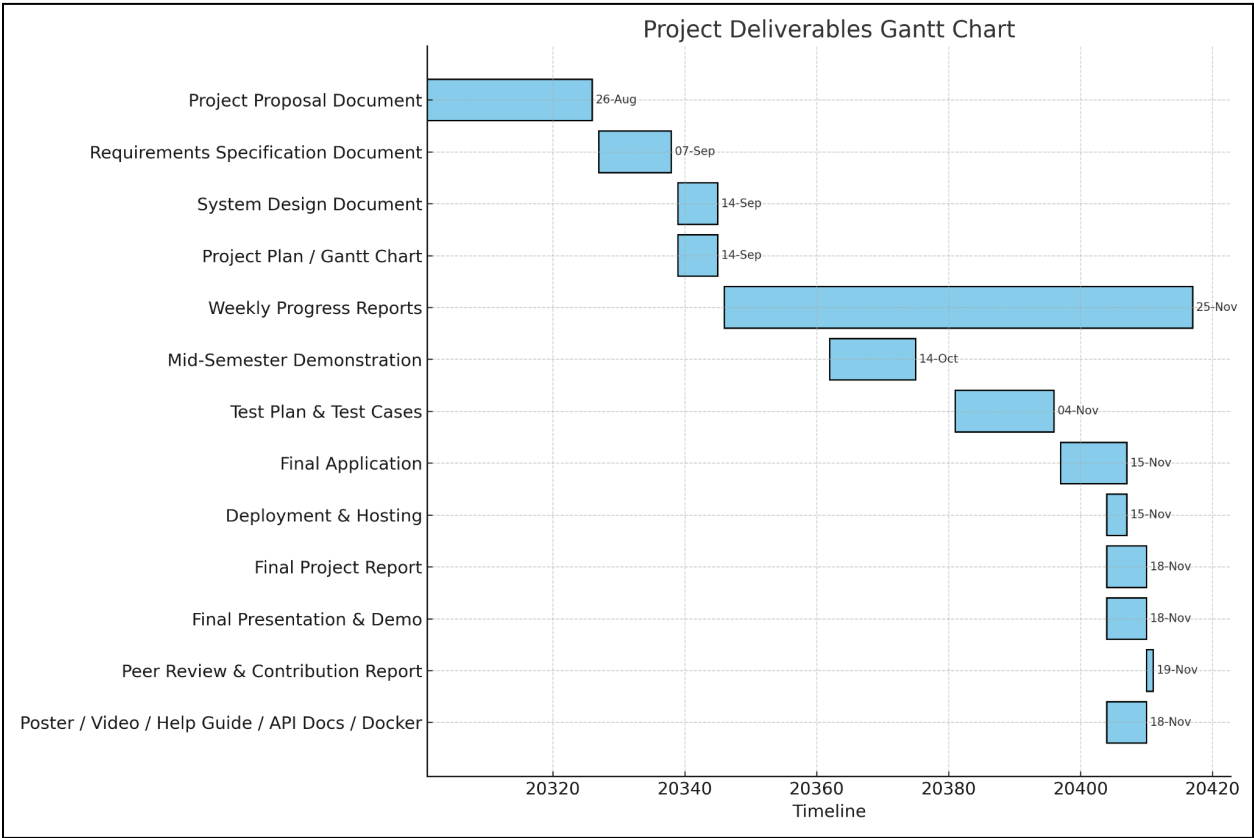
TicketCategory:

type: object
required:
- name
- price
- quantity
properties:
name:
type: string
price:
type: number
format: float
quantity:
type: integer

TicketPurchase:
type: object
required:
- event_id
- category_id
- payment_method
properties:
event_id:
type: string
category_id:
type: string
payment_method:
type: string
enum: [UPI, Card, Wallet]

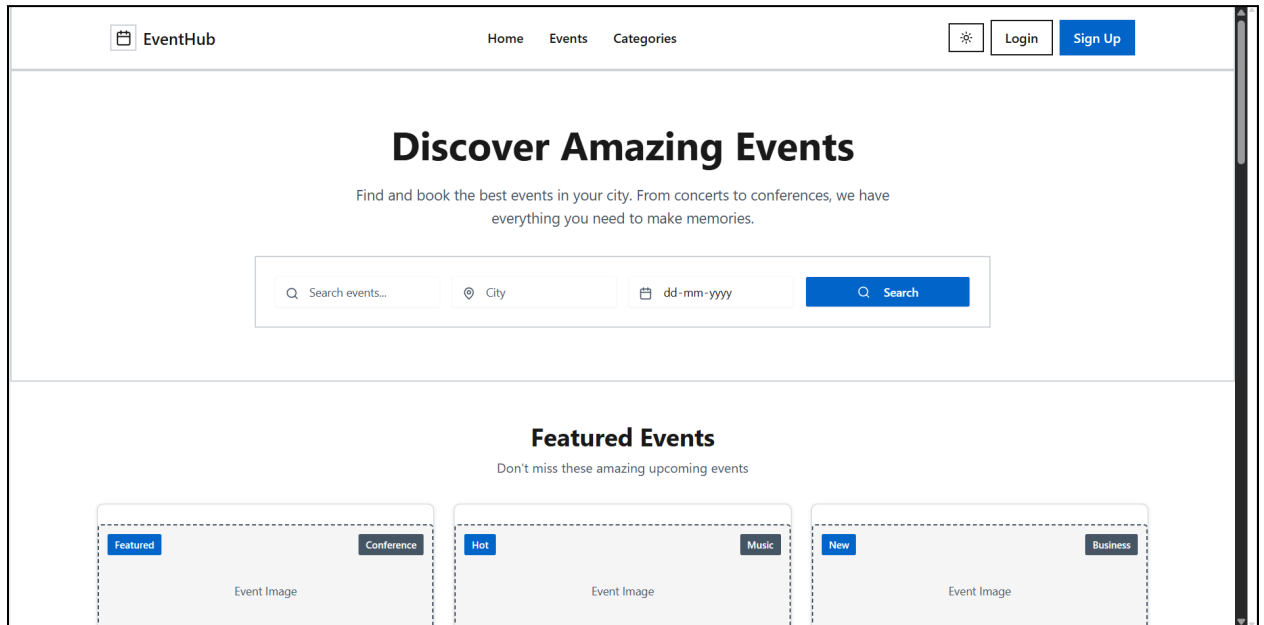


Timeline / Gantt Chart:-

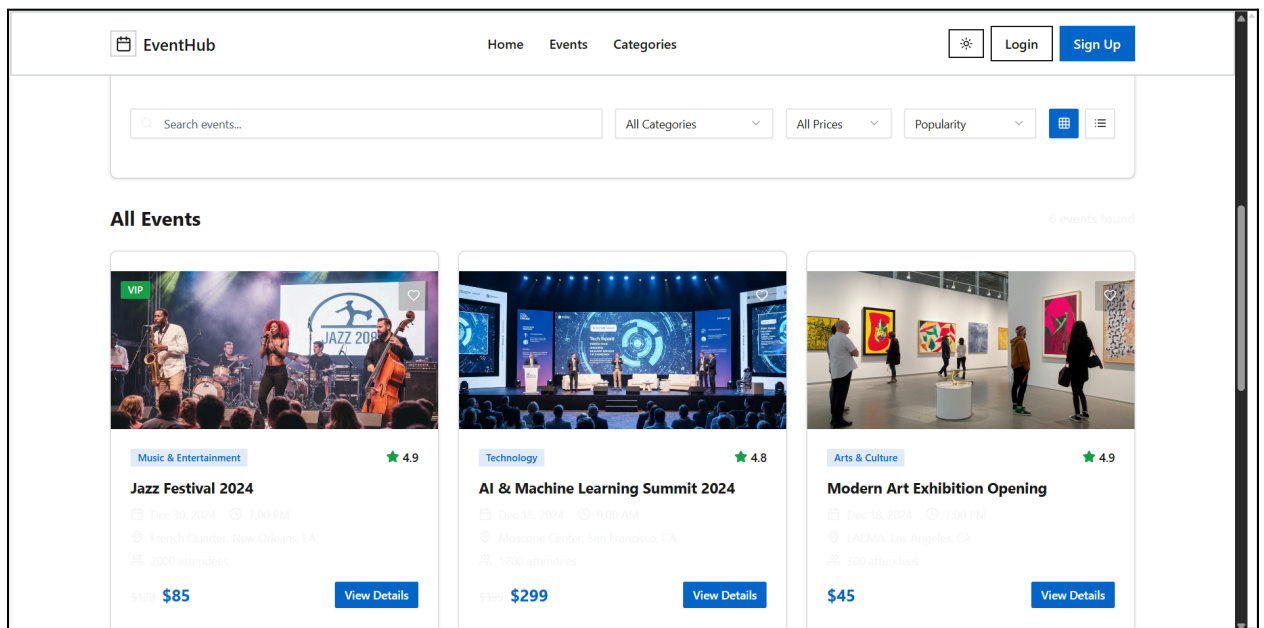


Wireframes (Majorly Final):-

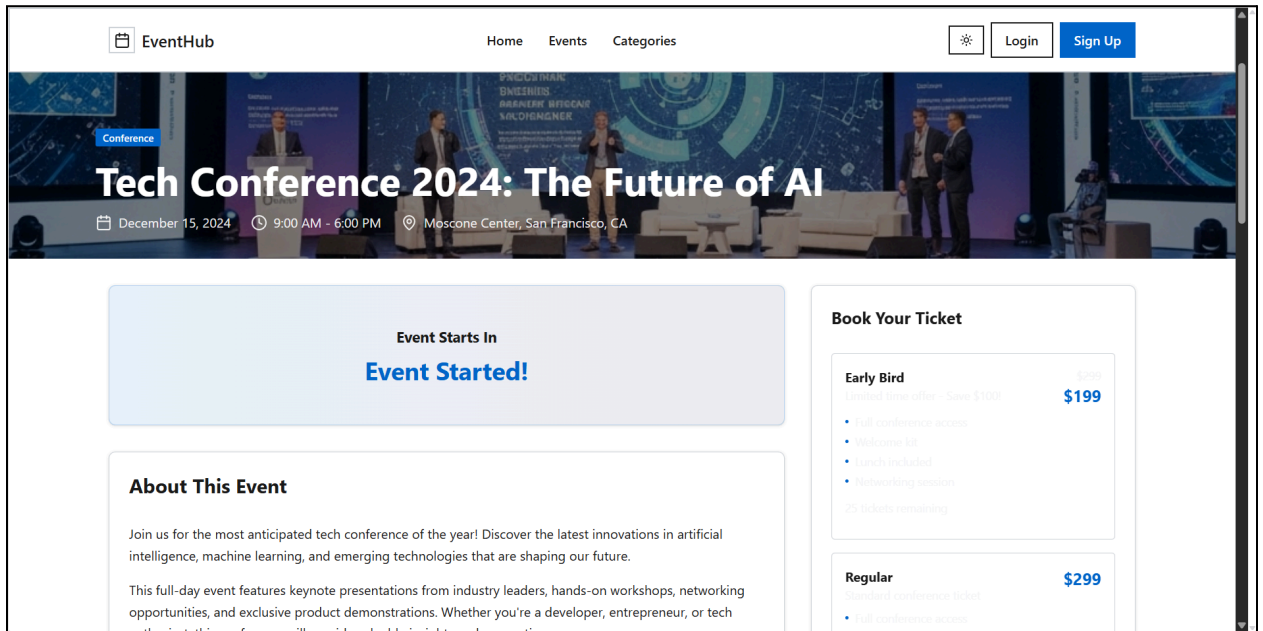
1. Home Page:-



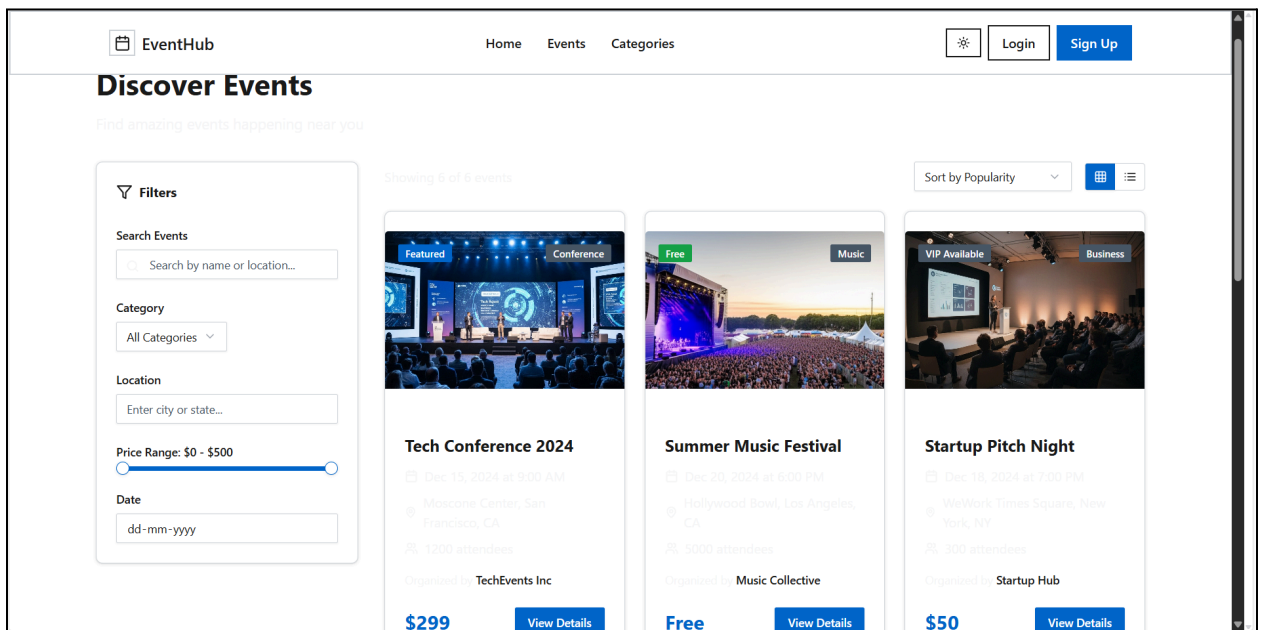
2. All Events Page:-



3. Event Details Page:-



4. Create Event Page:-




5. Login / Register Page:-

Login:-

EventHub

HomeEventsCategories

LoginSign Up

EventHub

Welcome Back

Sign in to your account to continue

Email Address

Enter your email



Password

Enter your password

☐ Remember meForgot password?

Sign In

OR CONTINUE WITH

 Google  Facebook

Don't have an account? [Sign up](#)


EventHub

Quick LinksSupport

Register:-

EventHub

HomeEventsCategories

LoginSign Up

EventHub

Create Account

Join EventHub to discover amazing events

I want to

☒ Attend Events
Discover and attend events

☐ Host Events
Create and manage events

First Name

First name

Last Name

Last name

Email Address

Enter your email

Password

Create a password

Confirm Password

Confirm your password

☒ I agree to the [Terms of Service](#) and [Privacy Policy](#)

Create Account

OR CONTINUE WITH

EventHub

Quick LinksSupport