

Group 2 – Event Management System

1. User Service (user_db)

Manages users (organizers & attendees), authentication, and roles.

Endpoints:

- POST /users → Register a new user
- POST /users/login → Authenticate user
- GET /users/{id} → Get user details
- PUT /users/{id} → Update user profile
- DELETE /users/{id} → Delete user account

2. Event Service (event_db)

Handles event creation, management, and details.

Endpoints:

- POST /events → Create a new event
- GET /events/{id} → Get event details
- GET /events → List all upcoming events
- PUT /events/{id} → Update event details
- DELETE /events/{id} → Delete an event

3. Booking Service (booking_db)

Manages attendee registrations, seat availability, and confirmations.

Endpoints:

- POST /bookings → Register a user for an event
- GET /bookings/{id} → View booking details
- GET /bookings/user/{userId} → View all user bookings
- GET /bookings/event/{eventId} → List all attendees for an event
- DELETE /bookings/{id} → Cancel a booking