CAPSTONE PROJECT- TEAM 1

VISTARO
TURNING MOMENTS INTO MEMORIES

- Raghav Goel: 703440509
- Rashi Gupta: 703440063
- Vandita: 703440462

OVERVIEW

Vistaro is a full-stack web-based event booking system that allows users to:

- Discover events based on the selected city
- Book seats in real time
- Pre-order food
- Make secure payments
- Request creation of their own events

OVERVIEW

At the same time, admins can centrally manage:

- Events

- Slots

- Food

- Users

- Bookings

- Payments

- The platform supports **Movies, Sports, and General Events** under a single unified system.

TECHNOLOGIES USED

- **Frontend:** React

- **Backend:** Spring Boot (REST APIs)

- **Database:** MySQL

- **Architecture:** Layered Architecture (Controller → Service → Repository → DB)

- **Authentication & Roles:** JWT, USER, and ADMIN

MODULES IN THE APP

- User Management Module
- Admin Management Module
- Event Management Module
- Slot & Seat Management Module
- Booking & Payment Module
- Food Pre-Booking Module
- User Event Draft & Approval Module
- User ratings module

FUNCTIONING OF MODULES

- **User Module**
  - User signup & profile update
  - City-based event browsing
  - Booking history & cancellation

- **Admin Module**
  - Create & manage events
  - Create slots (single & bulk)
  - Add food for slots

FUNCTIONING OF MODULES- CONTD.

- **Booking & Payment Module**
  - Seat locking
  - Food addition
  - Payment processing
  - Booking confirmation
  - Refund on cancellation

- **User Event Draft Module**
  - User submits event request
  - Admin approves or rejects
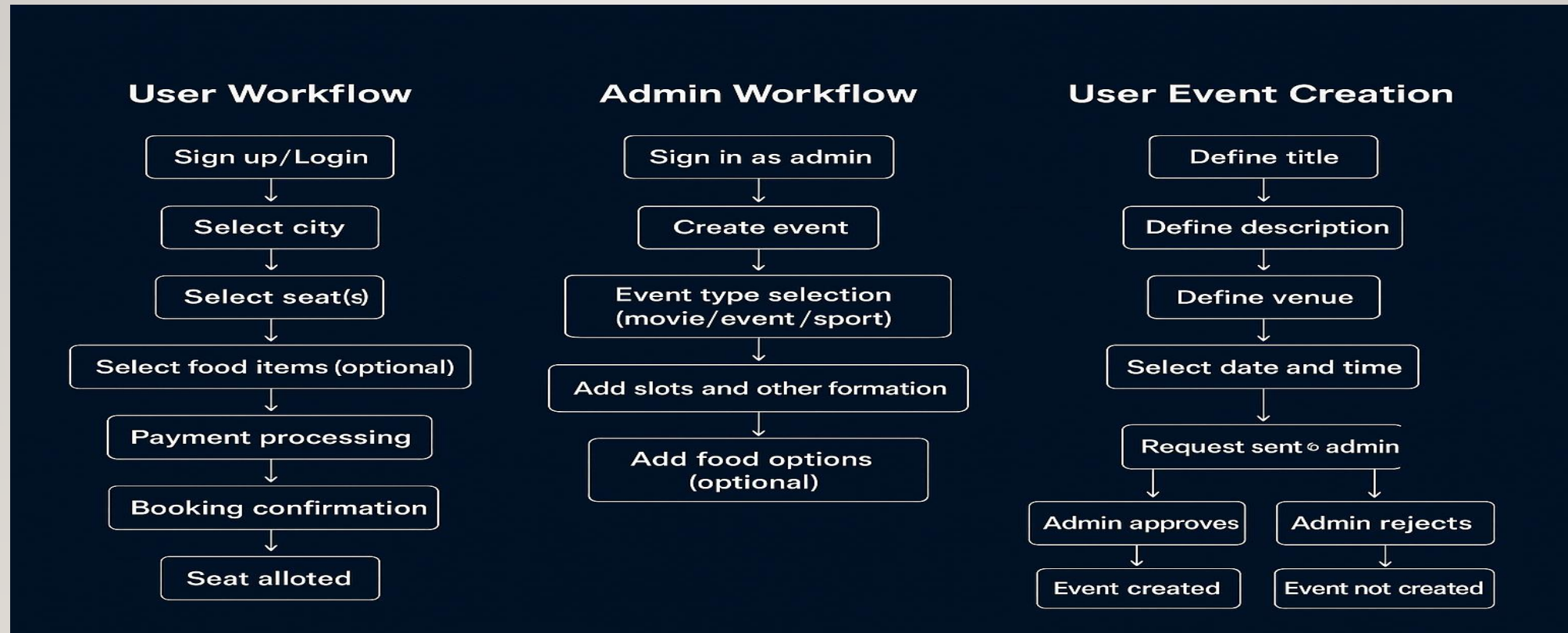 - Only approved events go live

ARCHITECTURE OF THE APP

- **Client–Server Architecture**

- User/Admin (React UI)
  → REST API Calls
  → Spring Boot Backend
  → MySQL Database

- All processing follows:
  - Controller Layer
  - Service Layer
  - Repository Layer
  - Database Layer

WORKFLOW

FLOW OF THE APP- USER

- Sign Up / Login
  → Select City
  → Select Event
  → Select Seat(s)
  → Select Food Items (Optional)
  → Payment Processing
  → Booking Confirmation
  → Seat Allotted

FLOW OF THE APP - ADMIN

- Admin Login
  - → Create Event
  - → Select Event Type (Movie/Sport/Event)
  - → Add Slots & Details
  - → Add Food Options
  - → Publish Event

FLOW OF THE APP –
USER EVENT CREATION FLOW

- Define Title
  - → Define Description
  - → Define Venue
  - → Select Date & Time
  - → Request Sent to Admin
  - →

  - ✅ If Approved → Event Created
  - ❌ If Rejected → Event Not Created

FUTURE SCOPE

- Email authentication using SMTP

- Create a fully functional and interactive admin dashboard

- Firebase authentication

- Stripe payment configuration

- Multi-level authentication

THANK YOU FOR YOUR TIME!