

EventHub – Project Status Report

Team ID: Group – 2

Guided by: Prof. JayPrakash Lalchandani

Backend Summary (Node.js + Express + MongoDB):-

Work Done:-

- **Framework & Architecture:**
Node.js with Express.js using MVC pattern; database setup with MongoDB (via Mongoose).
- **APIs Implemented:**
User authentication (JWT), Event management (Create/Update/Delete/View), and Booking management.
- **Database Models:**
 - **user.js:** Stores name, email, password (hashed), and role.
 - **event.js:** Holds event details, linked with bookings.
 - **booking.js:** Tracks user-event relations and timestamps.
- **Security:** JWT-based token authentication for secure login/signup.
- **Testing:** CRUD operations verified using Postman.

Backend Weekly Progress:-

Week	Timeline	Major Tasks Completed
Week 1	15–21 Sept	Project setup, Express configuration, MongoDB connection, folder structure, test routes.
Week 2	22–28 Sept	Created database models (user, event, booking) and bcrypt password hashing.
Week 3	29 Sept–5 Oct	JWT authentication, CRUD APIs for users/events/bookings, API testing with Postman.
Week 4	6–12 Oct	Debugging, code optimization, documentation, and Git updates.

Backend Future Work:-

- Razorpay payment integration.
- Profile update module.
- Queue system using Redis.
- Review and rating system.
- Notification service for bookings and reminders.

Frontend Summary (React.js + Tailwind CSS):-

Work Done:-

- **UI Framework:** React.js with TailwindCSS and PostCSS setup.
- **Core Pages Built:**
 - Login, Signup, Verify OTP
 - Home Page, Event Details Page
 - Organizer Dashboard
 - Event Categories Page
- **Routing & Layout:** React Router integrated; reusable components (Navbar, Footer, etc.) created.
- **Responsive Design:** Optimized layouts for mobile and desktop views.
- **Bug Fixes:** Fixed footer overlap, alignment issues, and responsiveness (documented in BUGFIXES_SUMMARY.md).



Frontend Weekly Progress:-

Week	Timeline	Major Tasks Completed
Week 1	15–21 Sept	React setup, Tailwind integration, basic folder structure (src/pages, src/components).
Week 2	22–28 Sept	Authentication UI (Login, Signup), responsive Navbar & Footer.
Week 3	29 Sept–5 Oct	Routing integration, dashboard placeholder, layout fixes.
Week 4	6–12 Oct	Added reusable components, improved responsiveness, final bug fixes & documentation.

Frontend Future Work:-

Page / Feature	Planned Implementation
About Page	Display project details and contact info.
Create Event Page	Allow organizers to add and manage events.
Book Events Page	Show available events for booking.
Payment Page	Integrate secure payment gateway.
User Dashboard	Display user-created/booked events and settings.

Team Contribution Summary:-

Member ID	Name	Role	Key Contributions
202412013	Parth Chauhan	Backend	Node.js project setup, MongoDB connection, API routing.
202412029	Joshi Preksha Sanjaybhai	Backend	User & Event models, CRUD operations, Postman API testing.
202412032	Kaival Shah	Backend	JWT Authentication module, route protection, middleware setup.
202412066	Patel Dhruv Alkeshbhai	Backend	Booking model, data validation, schema linking, bug fixes.
202412026	Jain Tisha Navinkumar	Frontend	UI setup with React & Tailwind, Login & Signup pages, routing.
202412079	Rajvi Khatri	Frontend	Homepage and Navbar development, Footer design and responsiveness.
202412101	Shah Yashvi Devangkumar	Frontend	Organizer Dashboard and Event Categories page layout.
202412119	Ritik Kalal	Frontend	Event details page, bug fixes, component-level styling.