

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.

17 July 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).

July
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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. |