

Project Name: EventEase - Event Management Web App

Goal: Allow users to create, manage, and register for events online.

Key Features:

- User sign-up/login
- Create/edit/delete events (organizer)
- View/search/filter events (user)
- Register for events
- Email notifications
- Admin dashboard to manage everything

User Roles:

- Guest -> browse events
- User -> register for events
- Organizer -> create/manage events
- Admin -> full control

Tech Stack:

- Frontend: HTML, CSS, JS (React)
- Backend: Node.js + Express
- DB: MongoDB or MySQL
- Auth: JWT
- Email: Nodemailer

Requirements:

- Fast loading (under 2s)

- Mobile-friendly UI
- Secure login (passwords hashed)
- Works on Chrome, Firefox, mobile
- Uptime: 99%+

#### Testing:

- Basic unit tests (API), manual UI test, integration checks

#### Future Ideas:

- Payment integration
- QR codes for tickets
- Push/mobile notifications