

Task Overview

You will develop a full-stack event booking system that allows users to browse and book events, manage their bookings, and provide an integrated web-based admin panel for event management.

Ai assistance is strictly prohibited. The system should allow users to browse events, book tickets, manage bookings, and provide an admin panel for managing events.

Requirements

Frontend

Authentication

- Users can register and log in.
- The "Forgot Password" functionality is not required.

Home Page (Event Listings)

- Display events using a grid or flexbox layout.
- Events that a user has already booked will show a "Booked" label instead of the "Book Now" button.
- Each event card includes a "Book Now" button (if not yet booked).

Event Details Page

- Shows full event information:
 - Event Name, Description, Category, Date, Venue, Price, and Image
- Includes a "Book Now" button (books 1 ticket per click for user)
- Upon booking, the user is redirected to a Congratulations screen.
- No payment integration is required.

Admin Panel

- Admin can Create, Read, Update, and Delete events.
- The admin panel is a separate screen within the same web application.
- User roles are needed (Admin, User).

UI Design

- Web design only (No Mobile).
 - No design files provided — feel free to create your own UI from scratch.
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Backend

Basic Features:

- Authentication
 - Event Management API
 - Booking API
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Optional Enhancements (Nice To Have)

- Role-based permissions
 - Tags and categories for events
 - Event image upload functionality
 - Pagination or lazy loading
 - Responsive design
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Bonus Features (For Super Heros)

- Backend deployment (e.g., on Render, Vercel, or Heroku)
 - Multi-language support (Ex: English - Arabic)
 - Unit testing
 - Dark mode support
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Important Guidelines

- Ai tools are not allowed under any circumstances.
 - Submissions will be checked using Ai detection tools. If Ai involvement is suspected, the project will be disqualified.
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Submission Rules & Guidelines

- You are free to choose any tech stack.
- REST or GraphQL API is allowed.

- **Use Git for version control.**
- **The project must be submitted by May 17, 2025, at 11:59 PM.**
- **Upload your complete project into 1 project to a public GitHub repository.**
- **A README file for each frontend and backend with clear setup instructions is required.**



Important:

- **You will receive a separate email within the next three days from SurveyMonkey containing a mandatory survey and submission link.**
- **The survey is required to submit your GitHub repository URL. Submissions made outside of this survey will not be accepted.**
- **Emails related to this competition may sometimes be directed to your spam or promotions folder. Be sure to check those folders if you do not see the email in your inbox.**
- **We look forward to receiving your submission by the deadline of May 17, 2025.**