Junior Developer Grails Test - Event Planner App

Overview

Create a web application using Grails to manage events and attendees. Users should be able to create events, view upcoming/past events, and RSVP to them. The project assesses your understanding of domain modeling, form validation, basic business logic, and Grails development practices.

Domain Model

Event

- name (String, required)

- location (String, required)

- eventDate (Date, required, must be in the future)

- description (Text, optional)

- attendees (hasMany -> Attendee)

Attendee

- fullName (String, required)

- email (String, required, must be valid email)

- event (belongsTo -> Event)

Requirements

- Basic CRUD for Event

- List view that separates upcoming and past events

- RSVP form to add Attendees to an Event

- Display RSVP count per Event

- Input validation (e.g., no past event dates, valid emails)

Bonus Features (Optional)

- Search events by name or location

- Edit/remove attendees

- Show 'Event Full' if attendee limit is reached (e.g., 10)

- Send fake confirmation email (e.g., flash message or console log)

Evaluation Criteria

- Accurate Grails domain modeling and validation

- Clean usage of GSP or HTMX

- Proper implementation of hasMany/belongsTo

- User-friendly forms with feedback

- Clear, organized code and logical structure