

Event Management App

🚦 Set up the Angular project:

- Install Angular CLI if not already installed.
- Create a new Angular project using the CLI command `ng new event-management-app`.
- Navigate into the project directory using `cd event-management-app`.
- Open the project in your preferred code editor.
- Create the Admin Login page:

🚦 Generate a new component for the login page using `ng generate component login`.

- Design the login form with fields for username and password.
- Implement form validation for the login form.
- Add a login button to submit the form.

🚦 Create a temporary database server:

🚦 Create a JSON file to serve as the temporary database for employee details.

🚦 Populate the JSON file with some sample employee data.

🚦 Create the Employee List page:

- Generate a new component for the employee list page using `ng generate component employee-list`.
 - Fetch the employee data from the temporary database using HTTP requests.
 - Display the list of employees in a table format.
 - Add buttons or links to perform CRUD operations on employee details.
- 🚦 Implement CRUD operations:

- Create a new component for creating and updating employee details using `ng generate component employee-form`.
- Design a form with appropriate fields for adding or editing employee details.
- Implement form validation for the employee form.
- Use HTTP requests to send the form data to the server and update the temporary database.
- Implement functionality to delete employee details.

🚦 Set up routing:

- Configure the routing module to define routes for login, employee list, and employee form components.
- Set the default route to the login page.
- Implement route guards to restrict access to the employee list and form pages without authentication.

🛠 Enhance the user interface:

- Use Bootstrap or other CSS frameworks to style the application and make it visually appealing.
- Add navigation links or buttons for easy navigation between pages.

🛠 Test the application:

- Test the application by running it locally using the Angular CLI command `ng serve`.
- Verify that the login functionality, employee list, and CRUD operations work as expected.
- Perform thorough testing to ensure the application is robust and user-friendly.

🛠 Deploy the application:

- Build the production-ready version of the application using the Angular CLI command `ng build --prod`.
- Deploy the built files to a hosting platform or server of your choice.