Phase-4 End Proj: **Event Management App.**

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* **Project Overview:**

This is a development of an Event Management app using Angular as the client-side framework. The backend development has been outsourced as APIs, and my focus is on creating the frontend application. The app should enable the admin to view and manage employees, utilizing CRUD operations through APIs provided by the backend team.

* **Tools Required:**
* **Angular**: A powerful and widely used client-side framework.
* **Bootstrap**: A popular CSS framework for creating responsive and visually appealing user interfaces.
* Features and Requirements
* **Admin Login Page:**
* Create an admin login page for authentication.
* Allow the admin to change the password after logging in.
* **Form Validation:**
* Implement form validation for all employee management forms to ensure data integrity.
* Validate input fields for correctness and completeness.

Below is a summary of the key components and their functionalities:

* **Add-Emp Component:**
* **Template**: add-emp.component.html
* **TypeScript**: add-emp.component.ts
* **Functionality**: Allows users to add a new employee to the system. Includes form validation and buttons for saving and updating.
* **Admin Component:**
* **Template**: admin.component.html
* **TypeScript**: admin.component.ts
* **Functionality**: Provides an admin login form with email and password fields. On successful login, redirects to the dashboard.
* **Admin-Edit Component:**
* **Template**: admin-edit.component.html
* **TypeScript**: admin-edit.component.ts
* **Functionality**: Allows editing of admin credentials (email and password).
* **Dashboard Component:**
* **Template**: dashboard.component.html
* **TypeScript**: dashboard.component.ts
* **Functionality**: Displays a welcome message and an image on the dashboard.
* **Edit-Emp Component:**
* **Template**: edit-emp.component.html
* **TypeScript**: edit-emp.component.ts
* **Functionality**: Allows editing of employee details.
* **Emp-Detail Component:**
* **Template**: emp-detail.component.html
* **TypeScript**: emp-detail.component.ts
* **Functionality**: Displays detailed information about a specific employee, including options to delete, edit, or view the employee list.
* **Home Component:**
* **Template**: home.component.html
* **TypeScript**: home.component.ts
* **Functionality**: Represents the home page with navigation links.
* **List-Emp Component:**
* **Template**: list-emp.component.html
* **TypeScript**: list-emp.component.ts
* **Functionality**: Displays a list of employees with options to view details, add new employees, or navigate to the home page.
* **Signup Component:**
* **Template**: signup.component.html
* **TypeScript**: signup.component.ts
* **Functionality**: Provides a form for user registration with fields for username, email, and password.
* **App-Routing Module:**
* **File**: app-routing.module.ts
* **Functionality**: Defines the routing configuration for the Angular application, specifying the components associated with different routes.
* **App Component:**
* **Template**: app.component.html
* **TypeScript**: app.component.ts
* **Functionality**: Represents the root component of the Angular application.
* **App Module:**
* **File**: app.module.ts
* **Functionality**: Defines the main module of the Angular application, including the imported components and modules.
* **Database JSON (db.json):**
* **File**: db.json
* **Functionality**: Mock database containing sample employee data.