

Event Management App

As a web developer tasked with leading the development of the Event Management App, the primary objective is to create a robust Angular application that facilitates efficient employee management for the administration team. Leveraging Angular as the client-side framework, the app will seamlessly integrate with backend APIs developed by an outsourced team for handling CRUD operations on employee data. To ensure a smooth user experience, a temporary database server will be established, allowing the app to perform Create, Read, Update, and Delete (CRUD) operations on employee records. This local JSON server will act as a repository for storing and retrieving data, providing a reliable foundation for the application. In adherence to best practices, the application will implement Form Validation to validate all employee management forms. This ensures that the data entered by the admin is accurate and meets the required criteria. By incorporating Angular's Form Validation capabilities, the app will deliver a user-friendly interface with real-time feedback on the validity of input. The application is designed to operate as a Single Page Application (SPA), offering a seamless and responsive user interface. This approach enhances user experience by eliminating the need for page reloads, providing a fluid and dynamic environment for the admin to manage employee details. Key features include an Admin login page with the option to change the password post-login, reinforcing security measures. Upon authentication, the admin gains access to a master list displaying comprehensive employee details. Within this interface, the admin enjoys the functionality to create new employee records, update existing information, and remove or delete entries as needed. To enhance the visual appeal and responsiveness of the app, Bootstrap, a widely-used front-end framework, will be incorporated. This choice not only ensures a polished and modern appearance but also streamlines the development process. In summary, the Event Management App, built with Angular and enriched with features like Form Validation and SPA architecture, aims to empower administrators with efficient tools for employee data management, fostering a user-friendly and productive experience.