Event Management App

<u>Objective:</u>

  Build an Angular app where the admin can view and manage employees.

<u>Tools Used</u>:

- Visual Code

- Bootstrap

<u>HTML Page</u>

- In Index.html file, I added the link of Bootstrap

- Most used HTML Tags

  - \<table>\</table>

  - \<form>\</form>

  - \<div>\</div> etc..
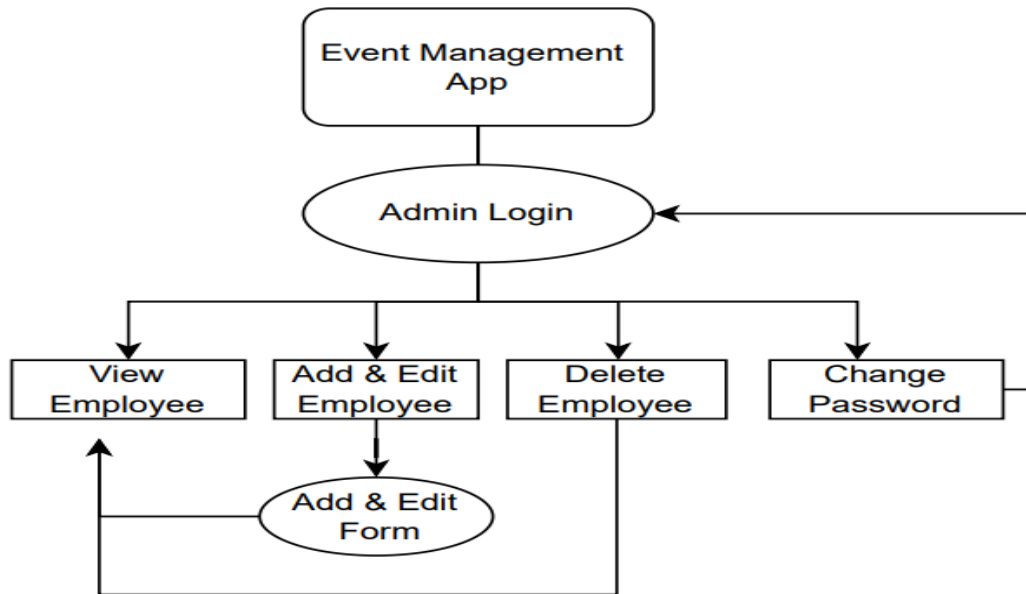
<u>CSS Styles used</u> :

- Usually CSS used to style the HTML webpage and to attract the user .

  Commonly Used STYLE:

  - Border

  - Margin

  - Padding

  - Width

  - Height

  - Background Color

  - Text align

  - Font family, etc…..

Flow Chart :

*Flow chart created by me in Lucid Chart

Admin can see the list of employees, edit, add and delete employees. Admin can Change Password After the login.

Angular Page:

- Create the angular app by using the command

  Ng new EventManagementApp

- App is created mainly app component.css, .html, .ts , .spec.ts files etc..

- Next I added new Component by using the command

  Ng n c component name

- Like that I created home component, admin and admin-edit component , list-emp component , edit-emp, dashboard and add-emp component

- In each component , There are 4 files namely html, css, spec.ts, ts files.

- For landing page, Dashboard component is used.

- App.routing.module.ts file in which routing details are defined. In which,when the app run , it route to display the Admin Login page.

Admin Login Page:

- There is form created in admin component html. This form accepts the values from admin and compares with the admin details in db.json file.

- Once click on login, ng submit will call the function written in admin component.ts file

- If the details are correct , it will display popup message Login Success

- Otherwise, it will popup Invalid crendentials.

- After Login, It will move to Dashboard Page.

Dashboard Page:

- In Dashboard page, there is Navigation bar and Event management app Logo.

- In Navigation bar, there is home, employee, setting and logout Button.

- Home button stays in dashboard page.

- Employee button moves to List of employees.

- Setting button moves to password change.

- Logout moves to login form

Employee Page:

- In this page, it show the list of employees and there is button to view the details of particular employee.

- After clicking view Detail Button, it display the details of particular employee.

- There is button to edit, delete and view employee list.

- Click on edit button, it show the details of particular employee in edit column. After edit, click on update. It move to list of employees, where you can see the edited details.

- Click on delete button, it show the list of employees in which detail of that employee is deleted.

- Click on Add employee button, it will show the form to enter the details to add. Click on save. Employee will added.You can see in list.

- Form validation is used. In which, untouched , characters maximum length etc. are validated in forms.

Setting Page:

- In this Page Admin can change password.

- Once click on setting admin edit form open to edit the password.

- Click on update. It moves to again Login form to login.

- Logout button also there in Nav bar which moves to login form.

DB.JSON File:

- In this, I declared the detail of employees (Name, id, Email, Age and Salary) and Admin (Id, Email and Password).

- Before running app, we should run json server

    Json-server –watch db.json

From this,

- Admin login page where admin can change the password after logging in if he wants to.

- Admin can view a master list of employee details.

- Admin can create, remove, update, or delete employee details.

    By using command

        Ng serve

Run the app and Run this url "http://localhost:4200" in the Browser