

# **EVENT MANAGEMENT APP**

## **Objective:**

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

## **Tools Used:**

- Visual Code
- Bootstrap

## **Developer Details:**

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## **GitHub Link:**

[https://github.com/PradeepaSaravanan/Java\\_Phase2/tree/master/Phase4/End%20Project/EventManagerApp](https://github.com/PradeepaSaravanan/Java_Phase2/tree/master/Phase4/End%20Project/EventManagerApp)

## **Requirements:**

- 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.

## **Sprints planned:**

This project is completed within 2 sprints.

### **❖ Sprint 1:**

- Plan the project
- Install necessary tools and import the packages.
- Find the flow of the application.

### **❖ Sprint 2:**

- Feasibility report
- Specification Document
- Creating Git repository to track changes as development progress in future.
- The project requirements are completed using Angular, Bootstrap, HTML, CSS, Typescript.
- Test the program
- Pushing source code to the GitHub repository.

## **Flow of the Application:**

### **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 credentials.
- 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 shows the list of employees and there is button to view the details of particular employee.
- After clicking view Detail Button, it displays the details of particular employee.
- There is button to edit, delete and view employee list.
- Click on edit button, it shows the details of particular employee in edit column. After edit, click on update. It moves 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

### **Core concepts used in the project:**

- Angular
- Typescript
- CSS
- HTML
- Bootstrap
- Json-server
- Javascript