

# **Event Management App Document**

## Installation Guide:

1. GitHub link: <https://github.com/baljeet-singh97/JAVA-Projects/tree/main/Phase%204/EventManagementProject>
2. Download the entire project as Zip in local system.
3. import the project in Eclipse IDE or Visual Studio.
4. install node package and json server
5. run json server for local json server
6. then run the angular app

## DESCRIPTION

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

### **Scenario:**

You are working as a web developer and your company has decided to launch a new app called Event Management. The administration team of the organization can view and add their resources such as employees and keep their data saved for future references.

The backend development has been outsourced as APIs and the frontend will be developed in-house by using Angular as a client-side framework. During the sprint planning, you agree to lead this project and develop an app that will let the admin find employees using APIs outsourced by backend engineers.

The tasks that need to be performed by you are:

- Build the application using Angular
- Create a temporary database server for CRUD operation using a JSON local server
- Validate all employee management forms using Form Validation
- Render the application as a Single Page Application

### **Tools Required:**

- Angular

- Bootstrap

### **The Following Requirements Should Be Met:**

- 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.

### **Refer the following steps for JSON server creation:**

1) Execute the command given below:

```
npm install -g json-server
```

2) Create a file with the name db.json and add the code given below:

```
{
  "employees": [
    {
      "id": 1,
      "first_name": "Sebastian",
      "last_name": "Eschweiler",
      "email": "sebastian@codingthesmartway.com"
    },
    {
      "id": 2,
      "first_name": "Steve",
      "last_name": "Palmer",
      "email": "steve@codingthesmartway.com"
    },
    {
      "id": 3,
      "first_name": "Ann",
      "last_name": "Smith",
      "email": "ann@codingthesmartway.com"
    }
  ]
}
```

3) Add the code given below in the script section of your package.json file in the

root folder of your Angular application

```
"json:server": "json-server --watch db.json"
```

Note: Before executing your Angular Application, run the command given below to start your json server:

```
npm run json-server
```

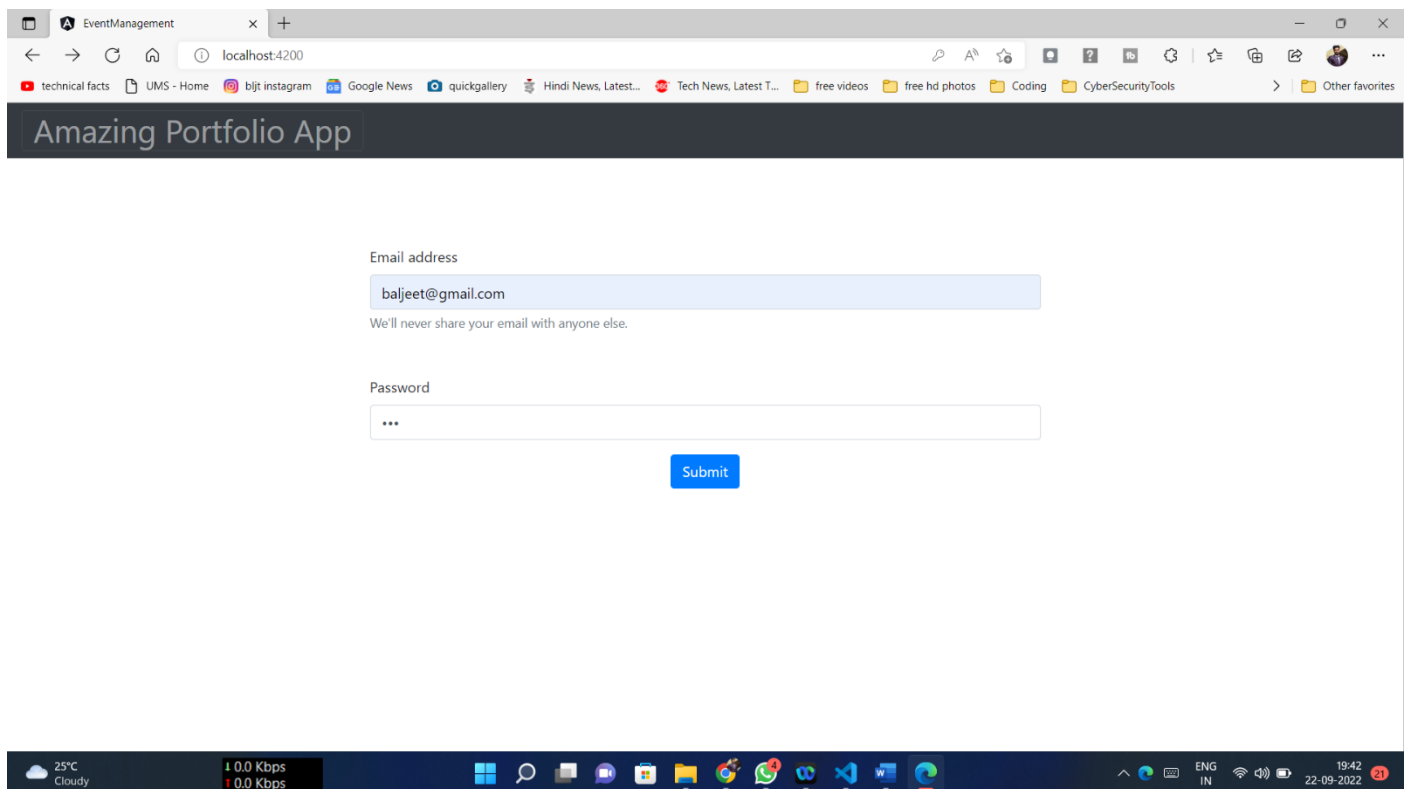
Sample URI to perform CRUD operations after running the json-server:

HTTP Methods	URI	Description
GET	/employees	Get all employees
GET	/employees/1	Get employee by ID
POST	/employees	Add employee
PUT	/employees	Update employee
DELETE	/employees/1	Delete employee by ID

1. Login Screen Admin will login here with credentials. We have used default id and password here

Email : [baljeet@gmail.com](mailto:baljeet@gmail.com)

Pass: 123



The screenshot shows a web browser window with the title 'EventManagement'. The address bar displays 'localhost:4200'. The browser's toolbar includes various icons for navigation and settings. Below the toolbar, a dark header bar contains the text 'Amazing Portfolio App'. The main content area features a login form with two input fields: 'Email address' and 'Password'. The 'Email address' field contains the text 'baljeet@gmail.com', and the 'Password' field contains three dots. Below the password field is a blue 'Submit' button. A small text note below the email field states, 'We'll never share your email with anyone else.' The Windows taskbar is visible at the bottom of the screen, showing the system clock as 19:42 on 22-09-2022.

Email address

baljeet@gmail.com

We'll never share your email with anyone else.

Password

...

Submit

2. After Successful Login user admin will see all the employees and can do CRUD operations like : add , edit and delete the employess.

25°C Cloudy 246.3 Kbps 183.9 Kbps Windows Search File Explorer Edge Chrome WhatsApp Word Excel OneDrive Outlook ENG IN 19:42 22-09-2022