# Event Management App

**Step-by-step:**

- Open visual studio code.

- Create new app with the name EventManagementApp.

- Command for creating new app is "ng new EventManagementApp".

- Then create a json file by right click on the EventManagementapp with name db.json.
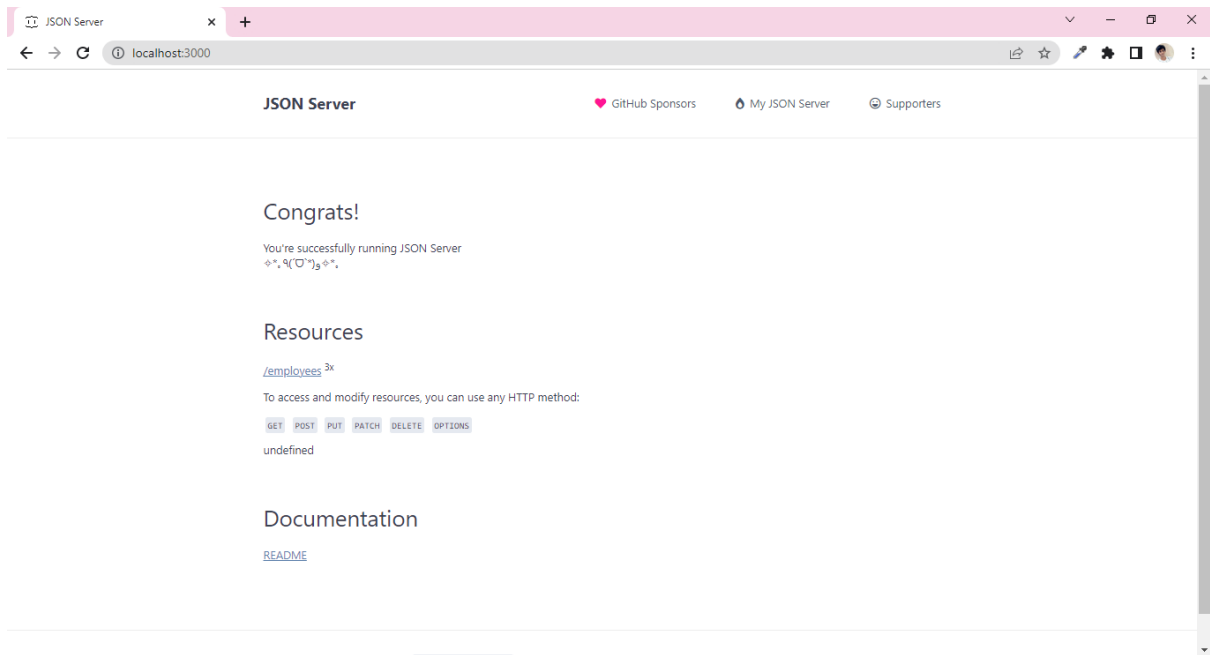
- Then add the below data in a db.json file:

```json
{
  "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"
    }
  ]
}
```

- After adding the data give this command in package.json:

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

- Then install the json server in the EventManagementApp using "npm install –g json-server".

- After that run the json server using the command "npm run json:server".

- Then the json page is run in the localhost:3000 like in below screenshot

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- Then run the angular app using command "ng serve".

- Then open in browser using localhost: 4000.

- Then create some component. They are home, admin, and employees.

- After creating components give path in an app-routing.module.ts

```typescript
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { AdminComponent } from './admin/admin.component';
import { EmployeesComponent } from './employees/employees.component';
import { HomeComponent } from './home/home.component';

const routes: Routes = [
  {"path":"",component:HomeComponent},
  {"path":"admin",component:AdminComponent},
  {"path":"employees",component:EmployeesComponent}
];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
```

- After that leave router-outlet in app.component.html and clear other commands.

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- Then create a service data inside the app folder in angular.

- Then create a homepage using html in home.component.html in the home component.

- Then set an adminlogin link in navbar to redirect to admin login page. Using routerlink in home.component.html.

- After that admin page is visible. It get admin email and admin password.

- The admin email is boobalan@gmail.com and admin password is "password".

- If the wrong email id or password is given means it show alert box like Wrong credential.

- After login to admin it display admin dashboard with employees details given in db.json.

- The admin dashboard have add employee data, update employee data, and employee data in a dashboard.

- Then having Reset password and logout from admin.

- The add employee button is used to add details of employee in list with id, firstname, lastname and email in that details.

- After that it will add employee data in db.json file and show in database also.

- Then update button is used update the data of employee in db.json.

- Then delete button is used to delete the data from db.json.

- Then reset password button is used to reset password of admin in the project.

- After reset it shows change password successfully is shown as alert box.

- Then logout is used to logout admin from admin dashboard.

- That button is redirect admin to home page. It is the end of the Event Management project created by me.

# Event Management App

- Here we have performed the crud operation using angular, bootstrap, CRUD (Create, Retrieve, Update, and Delete).

**Tools Required:**

- Angular
- Bootstrap

**Planning:**

- Create an angular project and set the components, install json, create json file and home page for the Event Management App.
- Then Admin login page, admin dashboard and get data from db.json file in the Event Management App and create new employee data in dashboard.
- Create update data button, delete data button, password reset and logout from dashboard.

**Project Link:**

Repository Name   :        Event Management App

GitHub Link       :        https://github.com/Boobalanraj/Event-Management-App

**Result:**

The output for the given project screen in the Event Management App (Screenshots).pdf file.