# SOURCE CODE- EVENT MANAGEMENT APP

**Changepassword.component.html**



class="form-control" name="oldPassword" id="oldPassword" placeholder="Old password" [(ngModel)]="oldPassword" required

/>

</div>

<div class="my-3">

<label for="newPassword" class="form-label">New Password</label>

<input type="password" class="form-control" name="newPassword" id="newPassword"

placeholder="New password" [(ngModel)]="newPassword" required

/>

</div>

<button type="submit" class="btn btn-primary"> Submit

</button>

</form>

</div>

# Changepassword.component.ts

import { Component, OnInit } from '@angular/core';

import { EmployeeService } from '../employee.service';

@Component({

selector: 'app-changepassword',

templateUrl: './changepassword.component.html', styleUrls: ['./changepassword.component.css']

})

export class ChangepasswordComponent implements OnInit {

public oldPassword:string = ""; public newPassword:string = "";

constructor(private employeeService: EmployeeService) {

}

ngOnInit(): void {

}

onPasswordChange() {

if(this.oldPassword === this.employeeService.adminPassword) { this.employeeService.adminPassword = this.newPassword; this.oldPassword = "";

this.newPassword = ""; alert("Password Updated");

}

else {

alert("Incorrect old password");

}

}

}

# Employee.component.html

<div class="w-100 mt-4 container">

<div class="card" \*ngIf="employee">

<div class="card-header p-3">

Details of <b>{{ employee.first\_name }} {{ employee.last\_name }}</b>

</div>

<ul class="list-group list-group-flush">

<li

class="list-group-item d-flex flex-row justify-content-between align-items-center"

>

<b>Employee Id</b>

<p>{{ employee.id }}</p>

</li>

<li

class="list-group-item d-flex flex-row justify-content-between align-items-center"

>

<b>Employee First Name</b>

<p>{{ employee.first\_name }}</p>

</li>

<li

class="list-group-item d-flex flex-row justify-content-between align-items-center"

>

<b>Employee Last Name</b>

<p>{{ employee.last\_name }}</p>

</li>

<li

class="list-group-item d-flex flex-row justify-content-between align-items-center"

>

<b>Employee Email</b>

<p>{{ employee.email }}</p>

</li>

</ul>

<div class="card-footer d-flex flex-row p-3">

<a routerLink="/employees" class="btn btn-primary">Employee List</a>

<button

class="btn btn-danger mx-4" (click)="onEmployeeDelete(employee.id)"

>

Delete

</button>

<button

class="btn btn-secondary" data-bs-toggle="modal"

data-bs-target="#updateEmployeeModal"

>

Update

</button>

</div>

</div>

</div>

<!-- Update employee Modal -->

<div

\*ngIf="employee" class="modal fade" id="updateEmployeeModal" tabindex="-1"

aria-labelledby="updateEmployeeModalLabel" aria-hidden="true"

>

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<h1 class="modal-title fs-5" id="updateEmployeeModalLabel"> Update Employee

</h1>

<button type="button" class="btn-close"

data-bs-dismiss="modal" aria-label="Close"

></button>

</div>

<div class="modal-body">

<form #updateEmployeeForm="ngForm"

(ngSubmit)="updateEmployeeForm.form.valid && onEmployeeUpdate()"

>

<div class="mb-3">

<label for="id" class="form-label">ID</label>

<input type="number" class="form-control" id="id"

[(ngModel)]="employee.id" name="id"

#id="ngModel" required

/>

</div>

<div class="mb-3">

<label for="first\_name" class="form-label">First Name</label>

<input type="text"

class="form-control" id="first\_name" [(ngModel)]="employee.first\_name" name="first\_name" #first\_name="ngModel"

required

/>

</div>

<div class="mb-3">

<label for="last\_name" class="form-label">Last Name</label>

<input type="text"

class="form-control" id="last\_name" [(ngModel)]="employee.last\_name" name="last\_name" #last\_name="ngModel"

required

/>

</div>

<div class="mb-3">

<label for="email" class="form-label">Email</label>

<input type="email"

class="form-control" id="email" [(ngModel)]="employee.email" name="email" #email="ngModel"

required

/>

</div>

<button type="submit" class="btn btn-primary" data-bs-dismiss="modal"> Submit

</button>

<button type="button"

class="mx-4 btn btn-secondary" data-bs-dismiss="modal"

>

Close

</button>

</form>

</div>

</div>

</div>

</div>

# Employee.component.ts

import { Component, OnInit } from '@angular/core'; import Employee from '../models/Employee';

import { ActivatedRoute, Router } from '@angular/router'; import { EmployeeService } from '../employee.service';

@Component({

selector: 'app-employee',

templateUrl: './employee.component.html', styleUrls: ['./employee.component.css']

})

export class EmployeeComponent implements OnInit { public employee!: Employee;

constructor(private employeeService: EmployeeService, private route: ActivatedRoute, private router: Router) {

}

ngOnInit() { this.route.params.subscribe(params => {

this.employeeService.getEmployee(+params["id"]).subscribe((data:Employee)=> { this.employee = data;

})

});

}

onEmployeeDelete(id:number) { this.employeeService.deleteEmployee(id).subscribe(); this.router.navigate([`employees`]);

}

onEmployeeUpdate() { this.employeeService.updateEmployee(this.employee).subscribe((data:Employee)=> { console.log(`Employee updated: ${data}`);

});

}

}

**Employees.component.html**

<div class="mt-4 container">

<button

class="btn btn-secondary" data-bs-toggle="modal"

data-bs-target="#addEmployeeModal"

>

Add New Employee

</button>

<!-- Modal -->

<div

class="modal fade" id="addEmployeeModal" tabindex="-1"

aria-labelledby="addEmployeeModalLabel" aria-hidden="true"

>

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<h1 class="modal-title fs-5" id="addEmployeeModalLabel"> Add Employee

</h1>

<button type="button" class="btn-close"

data-bs-dismiss="modal" aria-label="Close"

></button>

</div>

<div class="modal-body">

<form #addEmployeeForm="ngForm" (ngSubmit)="addEmployeeForm.form.valid && onSubmit()">

<div class="mb-3">

<label for="id" class="form-label">ID</label>

<input type="number" class="form-control" id="id"

[(ngModel)]="employeeModel.id" name="id"

#id="ngModel" required

/>

</div>

<div class="mb-3">

<label for="first\_name" class="form-label">First Name</label>

<input type="text"

class="form-control" id="first\_name"

[(ngModel)]="employeeModel.first\_name" name="first\_name" #first\_name="ngModel"

required

/>

</div>

<div class="mb-3">

<label for="last\_name" class="form-label">Last Name</label>

<input type="text"

class="form-control" id="last\_name"

[(ngModel)]="employeeModel.last\_name" name="last\_name" #last\_name="ngModel"

required

/>

</div>

<div class="mb-3">

<label for="email" class="form-label">Email</label>

<input type="email"

class="form-control" id="email"

[(ngModel)]="employeeModel.email" name="email"

#email="ngModel" required

/>

</div>

<button type="submit" class="btn btn-primary" data-bs- dismiss="modal">Submit</button>

<button type="button"

class="mx-4 btn btn-secondary" data-bs-dismiss="modal"

>

Close

</button>

</form>

</div>

</div>

</div>

</div>

<!-- Employee details table -->

<table class="mt-4 table table-light">

<thead>

<tr>

<th scope="col">#</th>

<th scope="col">First Name</th>

<th scope="col">Last Name</th>

<th scope="col">Email</th>

<th scope="col">Action</th>

</tr>

</thead>

<tbody>

<tr \*ngFor="let employee of employees">

<th scope="row">{{ employee.id }}</th>

<td>{{ employee.first\_name }}</td>

<td>{{ employee.last\_name }}</td>

<td>{{ employee.email }}</td>

<td>

<button class="btn btn-secondary" (click)="onDetailsShow(employee.id)">View Details</button>

</td>

</tr>

</tbody>

</table>

</div>

# Employees.component.ts

import { Component, OnInit } from '@angular/core'; import Employee from '../models/Employee';

import { EmployeeService } from '../employee.service'; import { ActivatedRoute, Router } from '@angular/router';

@Component({

selector: 'app-employees',

templateUrl: './employees.component.html', styleUrls: ['./employees.component.css']

})

export class EmployeesComponent implements OnInit {

public employees:Employee[] = [];

public employeeModel = new Employee(1,"","","");

constructor(private employeeService:EmployeeService, private route: ActivatedRoute, private router: Router) {

}

ngOnInit(): void { this.employeeService.loadAllEmployees().subscribe((data:Employee[])=> { this.employees = data;

})

}

onSubmit() { this.employeeService.addEmployee(this.employeeModel).subscribe((data:Employee)=> { this.employees.push(data);

});

this.employeeModel = new Employee(1,"","","");

}

onDetailsShow(id:number) { this.router.navigate([`employees`, id]);

}

}

**Login.component.html**

<div class="w-100 mt-5 container">

<form #loginForm="ngForm"

(ngSubmit)="loginForm?.form?.valid && onLogin()" class="w-25 mx-auto"

>

<h4>Login</h4>

<div class="my-3">

<label for="email" class="form-label">Email</label>

<input type="email"

class="form-control" name="email" id="email" placeholder="Email" [(ngModel)]="email" required

/>

<div

\*ngIf=" loginForm.controls['email']?.invalid && loginForm.controls['email']?.touched

"

>

<span \*ngIf="loginForm.controls['email'].errors?.['required']" class="mt-4 text-sm text-danger"

>Email is required.</span

>

</div>

</div>

<div class="my-3">

<label for="password" class="form-label">Password</label>

<input type="password" class="form-control" name="password" id="password"

placeholder="Password" [(ngModel)]="password" required

/>

<div

\*ngIf=" loginForm.controls['password']?.invalid && loginForm.controls['password']?.touched

"

>

<span \*ngIf="loginForm.controls['password'].errors?.['required']" class="text-sm text- danger"

>Password is required.</span

>

</div>

</div>

<button type="submit" class="btn btn-primary" [disabled]="loginForm?.form?.invalid">Submit</button>

</form>

</div>

# Login.component.ts

import { Component, OnInit } from '@angular/core'; import Employee from '../models/Employee';

import { EmployeeService } from '../employee.service'; import { NgForm } from '@angular/forms';

import { Router } from '@angular/router';

@Component({ selector: 'app-login',

templateUrl: './login.component.html', styleUrls: ['./login.component.css']

})

export class LoginComponent implements OnInit {

public email:string = "";

public password:string = "";

constructor(private employeeService: EmployeeService, private router: Router) {} ngOnInit(): void {

}

onLogin() {

if(this.email === this.employeeService.adminEmail && this.password === this.employeeService.adminPassword) {

localStorage.setItem("admin", this.email); this.email = "";

this.password = ""; this.router.navigate(['employees']); this.employeeService.setIsLoggedIn(true);

}

else { this.employeeService.setIsLoggedIn(false); alert("Incorrect credentials");

}

}

}

**Navbar.component.html**

<nav class="navbar navbar-dark navbar-expand-lg bg-dark">

<div class="container d-flex justify-content-center">

<a class="navbar-brand fw-bold" routerLink="/">Portal</a>

<button

class="navbar-toggler" type="button"

data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"

aria-label="Toggle navigation"

>

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav d-flex align-items-center">

<li class="nav-item" \*ngIf="!isUser">

<a class="nav-link" routerLink="/login" routerLinkActive="active"

>Login</a

>

</li>

<li class="nav-item" \*ngIf="isUser">

<a class="nav-link" routerLink="/employees" routerLinkActive="active"

>Employees</a

>

</li>

<li class="nav-item" \*ngIf="isUser">

<a

class="nav-link" routerLink="/change-password" routerLinkActive="active"

>Change Password</a

>

</li>

<li class="nav-item" \*ngIf="isUser">

<a routerLink="#" class="nav-link" style="cursor: pointer" (click)="logoutUser()"> Logout

</a>

</li>

</ul>

</div>

</div>

</nav>

# Navbar.component.ts

import { Component, OnInit } from '@angular/core'; import { EmployeeService } from '../employee.service'; import { Router } from '@angular/router';

@Component({ selector: 'app-navbar',

templateUrl: './navbar.component.html', styleUrls: ['./navbar.component.css']

})

export class NavbarComponent implements OnInit { public isUser:boolean = false;

constructor(private employeeService:EmployeeService, private router:Router) {

}

ngOnInit(): void { this.employeeService.getIsLoggedIn().subscribe((value:boolean) => {

this.isUser = value;

});

}

logoutUser() { localStorage.removeItem("admin"); this.employeeService.setIsLoggedIn(false); this.router.navigate(['login']);

}

}

**App-routing.modules.ts**

import { NgModule } from '@angular/core';

import { RouterModule, Routes } from '@angular/router';

import { EmployeesComponent } from './employees/employees.component'; import { LoginComponent } from './login/login.component';

import { EmployeeComponent } from './employee/employee.component'; import { ChangepasswordComponent } from './changepassword/changepassword.component';

const routes: Routes = [

{

path: "",

redirectTo: "/login", pathMatch: "full"

},

{

path: "employees",

component: EmployeesComponent,

},

{

path: "employees/:id", component: EmployeeComponent,

},

{

path: "login",

component: LoginComponent

},

{

path: "change-password",

component: ChangepasswordComponent

},

];

@NgModule({

imports: [RouterModule.forRoot(routes)], exports: [RouterModule]

})

export class AppRoutingModule { }

# employee.service.ts

import { Injectable } from '@angular/core';

import { HttpClient } from '@angular/common/http'; import { BehaviorSubject, Observable, tap } from 'rxjs'; import Employee from './models/Employee';

@Injectable({ providedIn: 'root',

})

export class EmployeeService {

public adminEmail: string = 'sagar@gmail.com'; public adminPassword: string = '123456'; public employees: Employee[] = [];

public isLoggedIn: BehaviorSubject<boolean> = new BehaviorSubject<any>(localStorage.getItem("admin") ? true : false);

constructor(private http: HttpClient) {}

public loadAllEmployees = (): Observable<Employee[]> => { return this.http

.get<Employee[]>('http://localhost:3000/employees');

};

public addEmployee = (employee: Employee): Observable<Employee> => { return this.http

.post<Employee>('http://localhost:3000/employees', employee);

};

public getEmployee = (id:number):Observable<Employee>=> { return this.http

.get<Employee>(`http://localhost:3000/employees/${id}`);

}

public deleteEmployee = (id:number):Observable<Employee>=> { return this.http

.delete<Employee>(`http://localhost:3000/employees/${id}`);

}

public updateEmployee = (employee:Employee):Observable<Employee>=> {

return this.http

.put<Employee>(`http://localhost:3000/employees/${employee.id}`, employee);

}

public setIsLoggedIn(value: boolean): void { this.isLoggedIn.next(value);

}

public getIsLoggedIn(): Observable<boolean> { return this.isLoggedIn.asObservable();

}

}

**Data.json**

{

"employees": [

{

"id": 1,

"first\_name": "Sebastian", "last\_name": "Eschweiler",

"email": ["se](mailto:sebastian@codingthesmartway.com)b[astian@codingthesmartway.com](mailto:sebastian@codingthesmartway.com)"

},

{

"id": 2,

"first\_name": "Steve", "last\_name": "Palmer",

"email": ["s](mailto:steve@codingthesmartway.com)t[eve@codingthesmartway.com](mailto:steve@codingthesmartway.com)"

},

{

"id": 3,

"first\_name": "Ann", "last\_name": "Smith",

"email": ["a](mailto:ann@codingthesmartway.com)n[n@codingthesmartway.com](mailto:ann@codingthesmartway.com)"

}

# Index.html

<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8">

<title>EventManagement</title>

<base href="/">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="icon" type="image/x-icon" href="favicon.ico">

</head>

<body>

<app-root></app-root>

</body>

</html>

# Note:

**Commands to use: cd <filename>**

# npm install

**npm install -g json-server npm run json-server**

# ng serve