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Name: Pramod

SOURCE CODE- EVENT MANAGEMENT APP

Changepassword.component.html

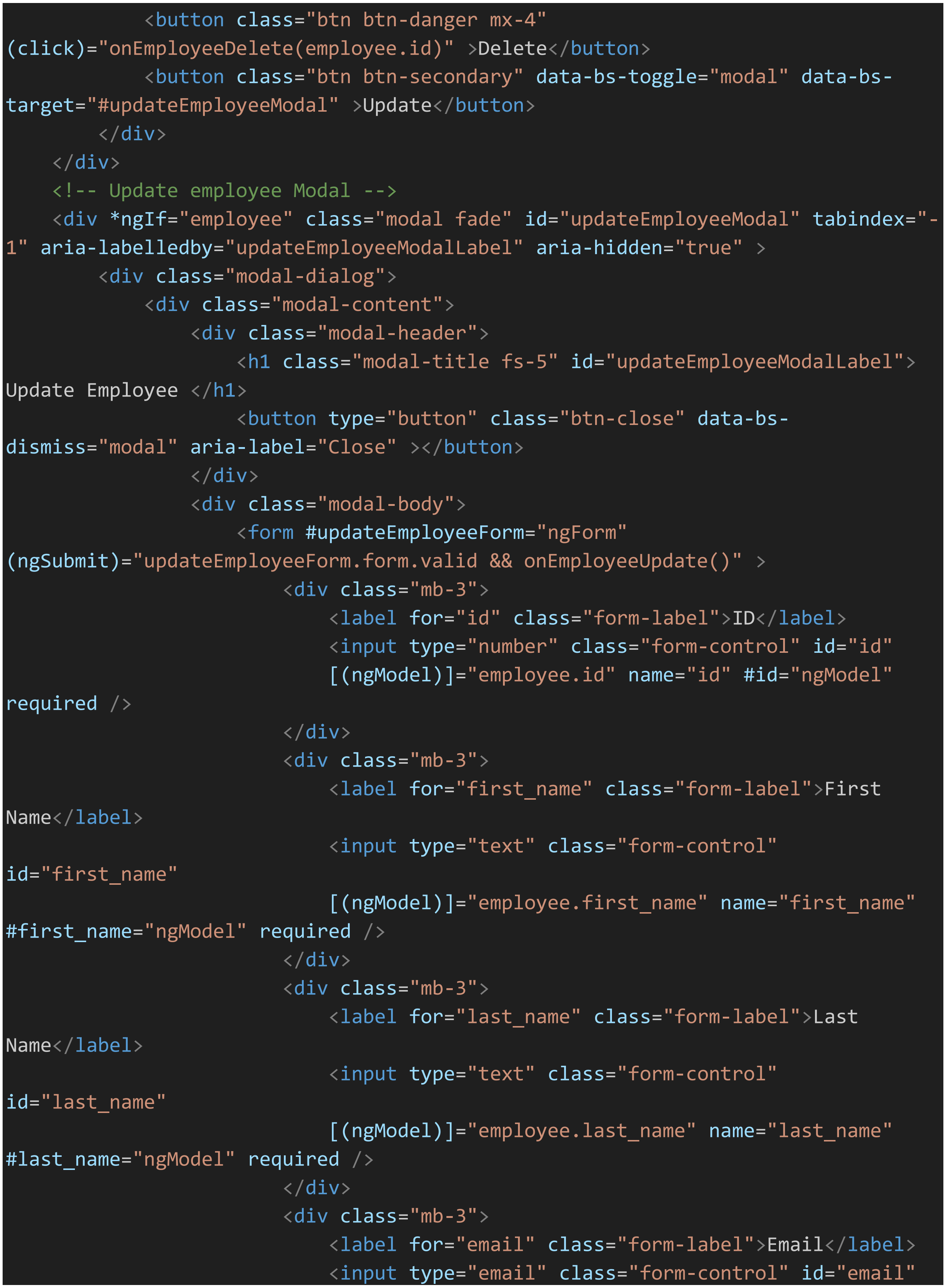
```
<div class="w-100 mt-5 container">
    <form #changePasswordForm="ngForm" (ngSubmit)="changePasswordForm.form.valid
&& onPasswordChange()" class="w-25 mx-auto" >
        <h4>Change Password</h4>
        <div class="my-3">
            <label for="oldPassword" class="form-label">Old Password</label>
            <input type="password" 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 '../services/services.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" style="text-align: center;">
    <div class="card" *ngIf="employee">
        <div class="card-header p-3">
            Details of <b>{{ employee.first_name }} {{ employee.last_name }}</b>
        </div>

            <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>

        <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>
    <!-- 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 routerLink="/employees" type="button" class="mx-4
btn btn-secondary" data-bs-dismiss="modal" > Close </button>
                    </form>
                </div>
            </div>
        </div>
    </div>
</div>
```

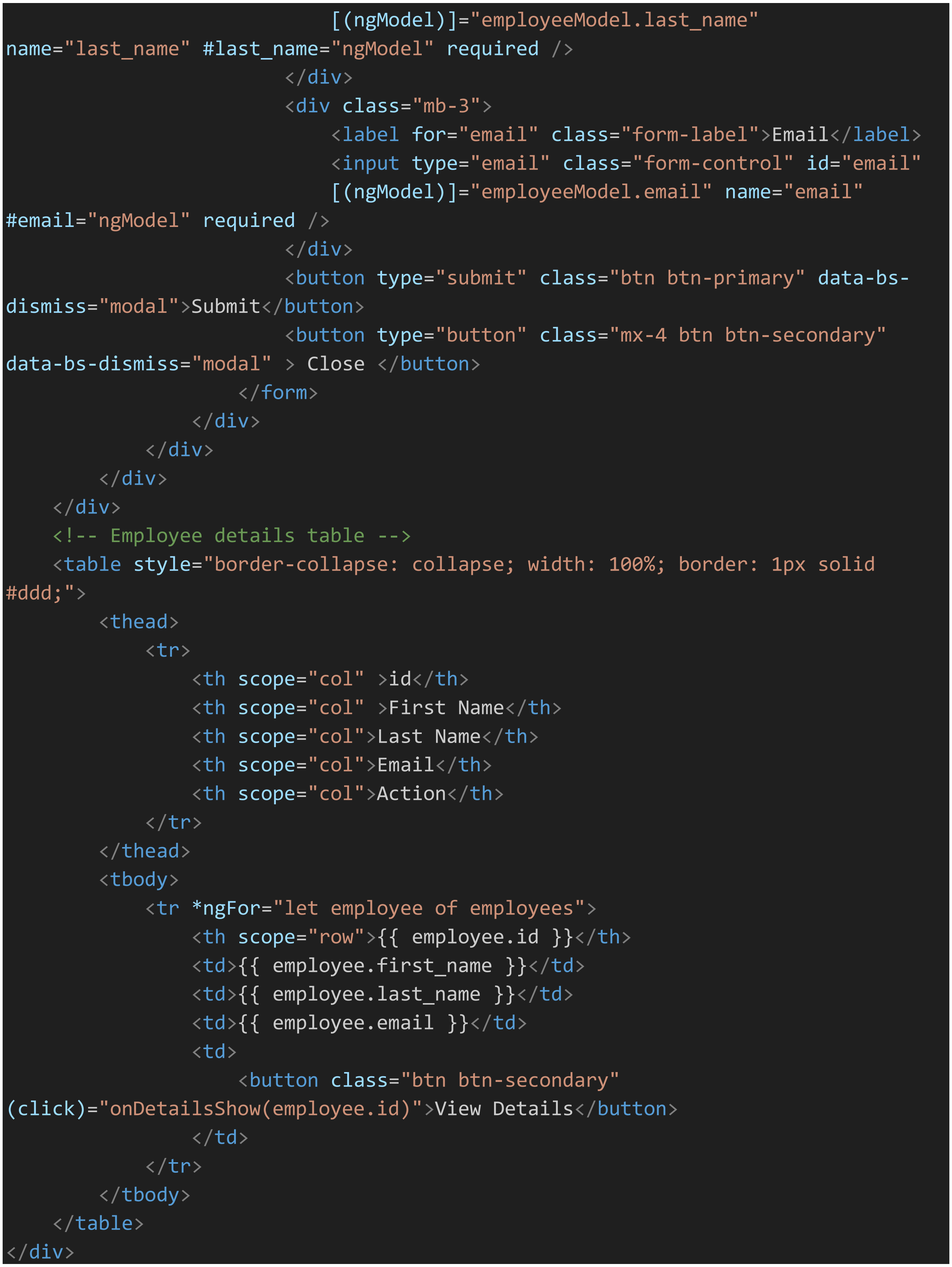
Employee.component.ts

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


import { ActivatedRoute, Router } from '@angular/router';
import { EmployeeService } from '../services/services.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" style="text-align: center;">
    <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"
```



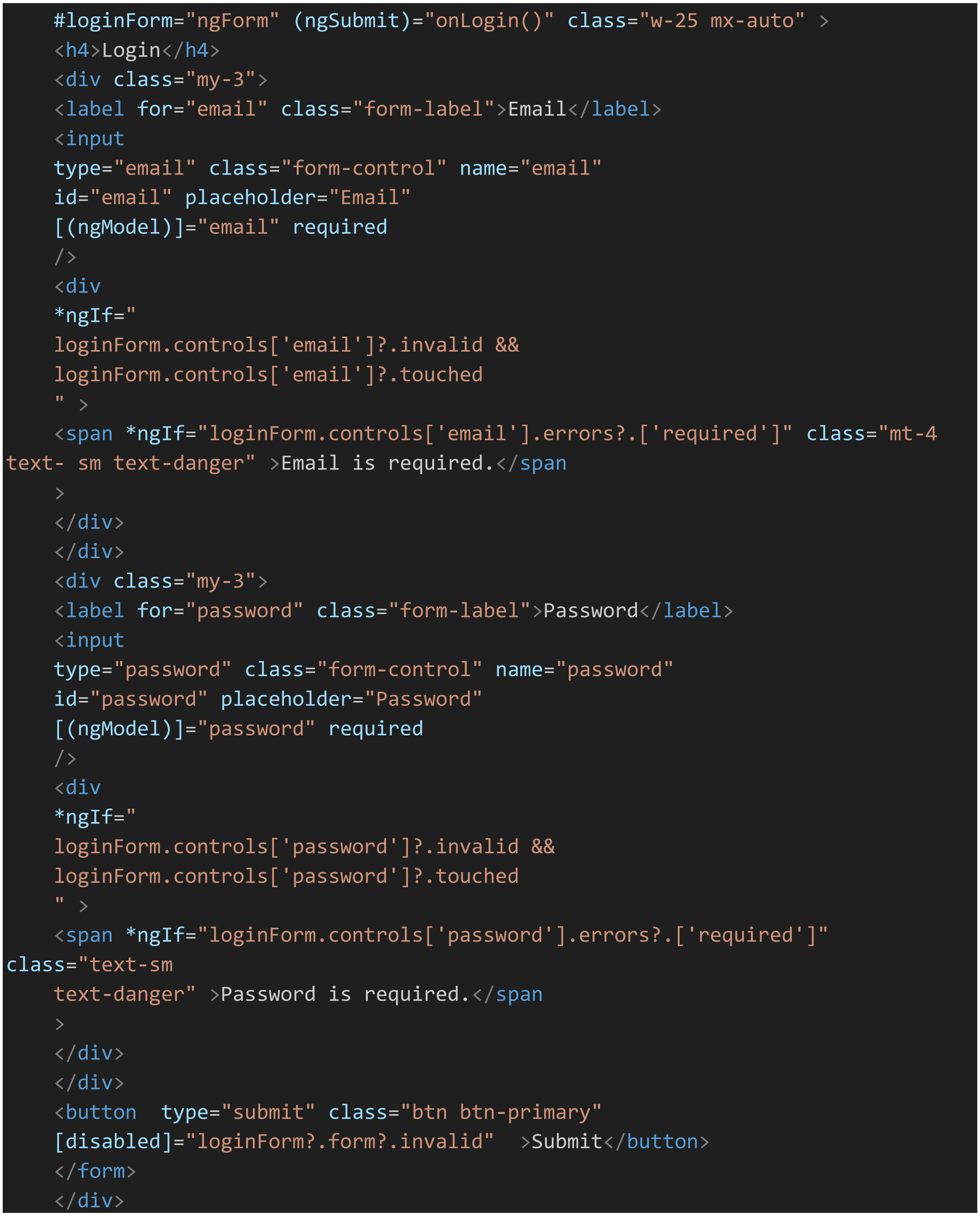
```
                            [(ngModel)]="employeeModel.last_name"
name="last_name" #last_name="ngModel" required />
                        </div>
                        <div class="mb-3">
                            <label for="email" class="form-label">Email</label>
                            <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 style="border-collapse: collapse; width: 100%; border: 1px solid
#ddd;">
        <thead>
            <tr>
                <th scope="col" >id</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 '../services/services.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.htm

```
<div class="w-100 mt-5 container" style="text-align: center;" style="background-
color: #e0e0e0;">
    <form
```



```
    #loginForm="ngForm" (ngSubmit)="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 '../services/services.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 '../services/services.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 = 'surya@gmail.com';
  public adminPassword: string = 's@123';
  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": "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"
  },
  {
   "id": 5,
   "first_name": "pramod",
   "last_name": "surya",
   "email": "surya@gmail.com"
  },
  {
   "id": 7,
   "first_name": "nitin",
   "last_name": "suresh",
   "email": "nitin@gmail.com"
  }
 ]
}
```

Index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>EventManagementApp</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>
```