Src code

Login ===

Html ==

<div class="container">

    <h2>Welcome to Event Management App</h2>

    <h4>login</h4>

    <form (ngSubmit)="login()">

    <div class="form-group">

    <label for="username">Username:</label>

    <input type="text" id="username" name="username" class="form-control"

    [(ngModel)]="username" required>

    </div>

    <div class="form-group">

    <label for="password">Password:</label>

    <input type="password" id="password" name="password"

    class="formcontrol"

    [(ngModel)]="password" required>

    </div>

    <div class="alert alert-danger" \*ngIf="errorMessage"></div>

    <button type="submit" class="btn btn-primary">Login</button>

    </form> </div>

Css==

.container { max-width: 600px;

    margin: 0 auto;

    padding: 20px;

    }

    h2 { margin-bottom:

    20px;

    }

    .form-group { margin-bottom: 20px;

    }

    label { font-weight: bold;

    }

    input.form-control {

    width: 100%;

    padding: 8px;

    font-size: 16px;

    border: 1px solid #ccc;

    border-radius: 4px;

    }

    .alert {

    margin-top: 10px;

    }

    .btn-primary { background-color: #007bff; color: #fff;

    }

    .btn-primary:hover {

    opacity: 0.8;

    }

Ts ===

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

import { CommonModule } from '@angular/common';

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

import { HttpClient } from '@angular/common/http';

import { FormsModule } from '@angular/forms';

@Component({

  selector: 'app-login',

  standalone: true,

  imports: [CommonModule,FormsModule],

  templateUrl: './login.component.html',

  styleUrl: './login.component.css'

})

export class LoginComponent {

  username: string ="";

  password: string ="";

  errorMessage: string | undefined;

  constructor(private router: Router, private http: HttpClient)

  {

  }

  login()

{

if (this.username === 'ram' && this.password === 'ram@123') {

this.router.navigate(['/employees']);

}

else {

this.errorMessage = 'Invalid username or password';

}

}

}

Employee Management ===

<div class="container">

    <nav>

    <a href="/employees">Home</a>

    </nav>

    <h2>Event Management App</h2>

    <!-- Add Employee Form -->

    <div>

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

    [routerLink]="['/addEmployee']">Add

    New Employee</button>

    </div>

    <hr>

    <!-- Employee List -->

    <h3>Employee List</h3>

    <table class="table">

    <thead>

    <tr>

    <th>ID</th>

    <th>Name</th>

    <th>Email</th>

    <th>Action</th>

    </tr>

    </thead>

    <tbody>

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

    <td>{{ employee.id }}</td>

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

    <td>{{ employee.email }}</td>

    <td>

    <button class="btn btn-sm btn-primary" [routerLink]="['/employees',

    employee.id]">View Details</button>

    </td>

    </tr>

    </tbody>

    </table>

</div>

Css ==

.container { width:

    100vw; height: 100vh;

    flex-direction: column;

    justify-content: left;

    align-items: start;

    padding: 20px;

    }

    nav { background-color:

    #333; padding: 10px;

    margin-bottom: 10px;

    }

    a { color: #fff; text-decoration: none;

    }

    a:hover { text-decoration:

    underline; }

    h2 { margin-bottom:

    20px;

    }

    hr {

    margin: 20px 0;

    }

    h3 { margin-bottom:

    10px;

    }

    .table { width: 100%;

    border-collapse: collapse;

    }

    .table th, .table td {

    padding: 10px; border:

    1px solid #ccc; text-align: left;

    }

    .table th { background-color: #f0f0f0; font-weight:

    bold;

    }

    .btn-primary { background-color: #007bff; color: #fff;

    }

    .btn-primary:hover {

    opacity: 0.8;

    }

    .btn-sm { padding:

    6px 12px; font-size: 14px;

    }

    .btn-primary[disabled] {

    opacity: 0.6; cursor:

    not-allowed;

    }

Ts ==

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

import { CommonModule } from '@angular/common';

import { HttpClient, HttpClientModule } from '@angular/common/http';

import { FormsModule } from '@angular/forms';

import { BrowserModule } from '@angular/platform-browser';

@Component({

  selector: 'app-employee-management',

  standalone: true,

  imports: [CommonModule,HttpClientModule,FormsModule,BrowserModule],

  templateUrl: './employee-management.component.html',

  styleUrl: './employee-management.component.css'

})

export class EmployeeManagementComponent  implements OnInit {

  employees: any[] = [];

  newEmployee: any = {};

constructor(private http: HttpClient) { }

  ngOnInit(): void {

    this.fetchEmployees();

  }

  fetchEmployees() {

    this.http.get<any[]>('http://localhost:3000/employees')

    .subscribe( employees => { this.employees = employees;

    },

    error => {

    console.log('Error fetching employees:', error);

    }

    );

    }

    addEmployee() {

    this.http.post('http://localhost:3000/employees',

    this.newEmployee).subscribe(

    () => {

    this.newEmployee = {};

    },

    error => {

    console.log('Error adding employee:', error);

    }

    );

    }

    viewDetails(employee: any) {

    console.log('View details for employee:', employee);

    }

}

Employee Details ===

Html ===

<div class="container">

    <h4>Details of <strong>{{ employee?.first\_name }} {{ employee?.last\_name

    }}</strong></h4>

    <div \*ngIf="employee">

    <table class="table">

    <tr>

    <th>Employee ID</th>

    <td>{{ employee.id }}</td>

    </tr>

    <tr>

    <th>First Name</th>

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

    </tr>

    <tr>

    <th>Last Name</th>

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

    </tr>

    <tr>

    <th>Email</th>

    <td>{{ employee.email }}</td>

    </tr>

    </table>

    <button class="btn btn-primary" (click)="goHomePage()">Home</button>

    <button class="btn btn-primary"

    (click)="updateEmployee(employee.id)">Update</button>

    <button class="btn btn-danger"

    (click)="deleteEmployee(employee.id)">Delete</button>

    </div>

    <div \*ngIf="!employee">

    <p>No employee details found.</p>

    </div>

    </div>

Css===

.container { max-width: 600px;

    margin: 0 auto;

    padding: 20px;

    }

    h4 { font-size: 20px;

    margin-bottom: 20px;

    }

    table { width: 100%;

    border-collapse: collapse;

    margin-bottom: 20px;

    }

    th, td { padding: 8px;

    border: 1px solid #ccc;

    }

    th {

    background-color: #f2f2f2; font-weight: bold;

    }

    .btn { margin-right:

    10px;

    }

Ts==

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

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

import { CommonModule } from '@angular/common';

import { BrowserModule } from '@angular/platform-browser';

import { HttpClient, HttpClientModule } from '@angular/common/http';

import { FormsModule } from '@angular/forms';

@Component({

  selector: 'app-employee-details',

  standalone: true,

  imports: [CommonModule,BrowserModule,HttpClientModule,FormsModule],

  templateUrl: './employee-details.component.html',

  styleUrl: './employee-details.component.css'

})

export class EmployeeDetailsComponent implements OnInit {

  employee: any; constructor( private route: ActivatedRoute, private router: Router, private http: HttpClient

    ) {}

    ngOnInit() {

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

    const employeeId = params['id'];

    this.fetchEmployeeDetails(employeeId);

    });

    }

    fetchEmployeeDetails(employeeId: number) {

    this.http.get<any>(`http://localhost:3000/employees/${employeeId}`).subscribe(

    employee => {

    this.employee = employee;

    },

    error => {

    console.log('Error fetching employee details:', error);

    }

    );

    }

    goHomePage() {

    this.router.navigate(['/employees']);

    }

    updateEmployee(employeeId: number) {

    this.router.navigate(['/update', employeeId]);

    }

    deleteEmployee(employeeId: number) {

    this.http.delete(`http://localhost:3000/employees/${employeeId}`)

    .subscribe(

    () => {

   console.log('Employee deleted successfully');

   alert('Employee deleted successfully');

   this.router.navigate(['/employees']);

    },

    error => {

    console.error('Error deleting employee:', error);

    }

    );

    }

}

Add Employee details===

Html==

<div class="container">

    <h2>Add Employee</h2>

    <form (ngSubmit)="onSubmit()">

    <div class="form-group">

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

    <input type="text" class="form-control" id="first\_name"

    [(ngModel)]="newEmployee.first\_name" name="first\_name" required>

    </div>

    <div class="form-group">

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

    <input type="text" class="form-control" id="last\_name"

    [(ngModel)]="newEmployee.last\_name" name="last\_name" required>

    </div>

    <div class="form-group">

    <label for="email">Email</label>

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

    [(ngModel)]="newEmployee.email" name="email" required>

    </div>

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

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

    (click)="goHome()">Back</button>

    </form> </div>

Css==

.container { max-width: 600px;

    margin: 0 auto;

    padding: 20px;

    }

    h2 {

    margin-bottom: 20px;

    }

    .form-group { margin-bottom:

    20px;

    }

    label { display:

    block; font-weight: bold;

    }

    input[type="text"],

    input[type="email"] {

    width: 100%; padding:

    8px; font-size: 16px;

    border: 1px solid #ccc;

    border-radius: 4px;

    }

    button[type="submit"],

    button[type="button"] {

    padding: 10px 20px;

    font-size: 16px; border:

    none; border-radius:

    4px; cursor: pointer;

    margin-right: 10px; /\* Add space between buttons \*/

    }

    .btn-primary { background-color: #007bff; color: #fff;

    }

    .btn-secondary { background-color: #6c757d;

    color: #fff;

    }

    .btn-primary:hover, .btn-secondary:hover { opacity: 0.8;

    }

Ts==

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

import { CommonModule } from '@angular/common';

import { BrowserModule } from '@angular/platform-browser';

import { HttpClient, HttpClientModule } from '@angular/common/http';

import { FormsModule } from '@angular/forms';

@Component({

  selector: 'app-add-employee',

  standalone: true,

  imports: [CommonModule,BrowserModule,HttpClientModule,FormsModule],

  templateUrl: './add-employee.component.html',

  styleUrl: './add-employee.component.css'

})

export class AddEmployeeComponent {

newEmployee: any = { first\_name: '', last\_name: '', email: '' };

router: any;

constructor(private http: HttpClient) {}

onSubmit() { this.addEmployee();

}

goHome() {

window.location.href = "/employees";

}

private addEmployee() {

this.http.post('http://localhost:3000/employees', this.newEmployee)

.subscribe(

() => {

this.newEmployee = {}; // Clear the form

console.log('Employee added successfully');

 alert('New Employee Added successfully');

this.router.navigate(['/employees']);

},

error => {

console.error('Error adding employee:', error);

}

);

}

}