**Lesson29 Grouping routes and creating component less route in angular**

**1-In our upcoming videos we will discuss lazy loading angular module. One of the requirements to be able to lazy load an angular module is the following.**

**All the routes in an angular module that you want to lazy load should have the same route prefix.**

**2-Notice we have a parent route with path employees**

**A-The parent 'employees' route has 3 child routes**

**B-All the 3 child routes will be pre-fixed with the parent route path - employees**

**C-Notice the parent route (employees) does not have a component associated with it. That is why this route is called a component less route.**

**With the above route configuration, we have the following routes**

|  |  |
| --- | --- |
| **Route Path** | **Description** |
| /employees | Displays the list of all employees |
| /employees/create | Allows to create a new employee |
| /employees/edit/1 | Allows to create a edit an existing employee |

**Steps:-**

**1-In the emp-routing.module.ts we apply the children that apply the less routing**

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

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

import { EmpEntryCompComponent } from './emp-entry-comp/emp-entry-comp.component';

import { EmpLstCompComponent } from './emp-lst-comp/emp-lst-comp.component';

const routes: Routes = [

{path: 'employees',

children: [

{ path: '', component: EmpLstCompComponent },

{ path: 'create', component: EmpEntryCompComponent },

{ path: 'edit/:id', component: EmpEntryCompComponent },

{ path: '', redirectTo: '/list', pathMatch: 'full' }]}]

// wild card route

@NgModule({

imports: [RouterModule.forChild(routes)],

exports: [RouterModule]})

export class EmpRoutingModule { }

**2-In the menu.comp.html we modify the router link as the following**

<div class="container">

<nav class="navbar navbar-default">

<ul class="nav navbar-nav">

<li><a routerLinkActive="active" routerLink="home">Home</a></li>

<li><a routerLinkActive="active" routerLink="employees">List</a></li>

<li><a routerLinkActive="active" routerLink="employees/create">Create</a></li>

</ul>

</nav>

<router-outlet></router-outlet>

</div>

**3-on the emp-lst.comp.ts we modify the following**

editButtonClick(employeeId:Number){

this.\_route.navigate(['employees/edit', employeeId]);}

**4-on the emp-entry.comp.ts we modify the following**

SaveEmployee(): void {

this.mapFormValuesToEmployeeModel();

this.empService.addEmployee(this.empService.employee).subscribe(

() => this.router.navigate(['employees']),

(err: any) => console.log(err));}

//The Following method it will call the service method to call the web api //service method to update employee

UpdateEmployee(): void {

this.mapFormValuesToEmployeeModel();

this.empService.updateEmployee(this.empService.employee).subscribe(

() => this.router.navigate(['employees']),

(err: any) => console.log(err));}