FORMS PRACTICE

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App.component.ts

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

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

@Component({

selector: 'app-root',

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

styleUrls: ['./app.component.css']

})

export class AppComponent {

title = 'FormsPractice';

constructor(private route:Router){

this.route.navigate(['/edit']);

}

}

App-routing.module.ts

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

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

import { EditEmpTemplateDrivenComponent } from './edit-emp-template-driven/edit-emp-template-driven.component';

const routes: Routes = [

{path:"edit",component: EditEmpTemplateDrivenComponent}

];

@NgModule({

imports: [RouterModule.forRoot(routes)],

exports: [RouterModule]

})

export class AppRoutingModule { }

Employee.ts

import { Department } from'./Department';

import { skill } from'./Skill';

export interface Employee extends Department{

id:number;

name:string;

salary:number;

skills:skill[];

permenamt:string;

DateOfBirth:Date;

}

Department.ts

import { skill } from './Skill';

export interface Department {

deptId:number;

deptName:string;

}

Skill.ts

export interface skill{

skill\_id:number;

skill\_name:string;

}

edit-emp-template-driven.component.ts

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

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

import { Employee } from '../Employee';

@Component({

selector: 'app-edit-emp-template-driven',

templateUrl: './edit-emp-template-driven.component.html',

styleUrls: ['./edit-emp-template-driven.component.css']

})

export class EditEmpTemplateDrivenComponent implements OnInit {

constructor(private route:Router) {

}

ngOnInit(): void {

}

empl:Employee={

id:1

,name:'pujitha',

salary:60000,

deptId:10,

deptName:"PayRoll",

skills:[{skill\_id:122,skill\_name:"HTML"},

{skill\_id:123,skill\_name:"CSS"},

{skill\_id:124,skill\_name:"JAVASCRIPT"}],

permenamt:"yes",

DateOfBirth : new Date()

};

submitted = false;

onSubmit() {

console.log("clicked");

this.submitted = true;

if(this.submitted==true){

this.route.navigate(['/']);

}

}

}

edit-emp-template-driven.component.html

<div class="container-fluid">

<h1>Edit Employee</h1>

<form #empForm="ngForm" (ngSubmit)="onSubmit()" novalidate>

<div class="form-group">

<label>Name</label>

<input type="text" class="form-control" required name="name" [(ngModel)]="empl.name" #name="ngModel"

[class.is-invalid]="name.invalid && name.touched && name.dirty" minlength="2" maxlength="10">

<div \*ngIf="name.errors && (name.invalid || name.touched || name.dirty)">

<small class="text-danger" \*ngIf="name.errors.required">Name is required</small>

<small class="text-danger" \*ngIf="name.errors.minlength">Name must be atleast 2 charachters long</small>

<small class="text-danger" \*ngIf="name.errors.maxlength">Name must not contain more than 10 charachters</small>

</div>

<div class="form-group">

<label>Salary</label>

<input type="text" class="form-control" required name="salary" [(ngModel)]="empl.salary" #name="ngModel" ></div></div>

<!-- {{empl.name}}

</div>

<div>name.invalid - {{name.invalid}}</div>

<div>name.touched - {{name.touched}}</div>

<div>name.dirty - {{name.dirty}}</div>

<div>name.errors.required - {{name.errors?.required}}</div>

<div>name.errors.minlength - {{name.errors?.minlength | json}}</div>

</form>

</div> -->

<div class="mb-3">

<label>Is Permanant or not??</label>

<div class="form-check">

<input class="form-check-input" type="radio" name="permenamt" value="yes" [(ngModel)]="empl.permenamt" ngModel>

<label class="form-check-label">Yes</label>

</div>

<div class="form-check">

<input class="form-check-input" type="radio" name="permenamt" value="no" [(ngModel)]="empl.permenamt" ngModel>

<label class="form-check-label">No</label>

</div>

</div>

<button type="submit" [disabled]="!empForm.valid">Save</button>

</form>

<div class="block">

<strong>Employee Model</strong><br>

<pre>{{empl | json }}</pre>

</div>

<div class="block">

<strong>Angular Generated Form Model</strong><br>

<pre>{{empForm.value | json}}</pre>

</div>