PersonsController

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.AspNetCore.Mvc;

using WebApiDemoNg.Models;

// For more information on enabling Web API for empty projects, visit http://go.microsoft.com/fwlink/?LinkID=397860

namespace WebApiDemoNg.Controllers

{

[Route("api/[controller]")]

public class PersonsController : Controller

{

// GET: api/values

[HttpGet]

public IEnumerable<Person> Get()

{

return Person.GetPersons();

}

// GET api/values/5

[HttpGet("{id}")]

public string Get(int id)

{

return "value";

}

// POST api/values

[HttpPost]

public void Post([FromBody]string value)

{

}

// PUT api/values/5

[HttpPut("{id}")]

public void Put(int id, [FromBody]string value)

{

}

// DELETE api/values/5

[HttpDelete("{id}")]

public void Delete(int id)

{

}

}

}

Person.service.ts

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

import { Person } from './person';

import { Http, Response } from '@angular/http';

import 'rxjs/Rx';

import 'rxjs/add/operator/map'

import { Observable } from 'rxjs/Observable';

@Injectable()

export class PersonService {

constructor(public \_http: Http) { }

public \_personsUrl = 'http://localhost:33831/api/persons'; // URL to web api

someMethod() {

return 'Hey, Welcome to Angular 11!';

}

public getAll = (): Observable<any> => {

return this.\_http.get(this.\_personsUrl)

.map((response: Response) => <any>response.json())

.do(x => console.log(x))

.catch(this.handleError);;

}

private handleError(error: Response) {

console.error(error);

return Observable.throw(error.json().error || 'Server error');

}

}

App.module.ts

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

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

import { AppComponent } from './app.component';

import { PersonService } from './person.service';

import { HttpModule } from "@angular/http";

@NgModule({

imports: [ BrowserModule,HttpModule ],

declarations: [ AppComponent ],

bootstrap: [AppComponent],

providers: [PersonService]

})

export class AppModule { }

App.component.ts

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

import { PersonService } from './person.service';

import { Person } from "./person";

import { Observable } from 'rxjs/Observable';

@Component({

selector: 'my-app',

template: `My Values: <ul><li \*ngFor="let value of values">

<span>{{value.id}} | {{value.name}} | {{value.dateOfBirth | date:'medium' }} </span>

</li></ul>`,

providers: [PersonService]

})

export class AppComponent {

title: string;

public values: any[];

constructor(private \_personService: PersonService) {

}

ngOnInit() {

this.title = this.\_personService.someMethod();

this.\_personService

.getAll()

.subscribe(data => this.values = data,

error => console.log(error),

() => console.log('Get all complete'));

}

}