import { State } from './../models/state';

import { Country } from './../models/country';

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

import { Observable, of } from 'rxjs';

import { map } from 'rxjs/operators';

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

@Injectable({

providedIn: 'root'

})

export class ShopFormService {

private countriesUrl = "http://localhost:9090/api/countries";

private statesUrl = "http://localhost:9090/api/states";

constructor(private http: HttpClient) { }

getCreditCardMonths(startMonth: number): Observable<number[]>{

let data: number[] = [];

// build an array for "Month" dropdown list

// start at start month and loop until

for(let theMonth=startMonth; theMonth <=12; theMonth++){

data.push(theMonth);

}

return of(data);

}

getCreditCardYears(): Observable<number[]>{

let data: number[] = [];

// build an array for "Month" dropdown list

// start at start month and loop for next 10 years

let startYear: number = new Date().getFullYear();

let endYear: number = startYear + 10;

for(let theYear=startYear; theYear <= endYear; theYear++){

data.push(theYear);

}

return of(data);

}

getCountries(): Observable<Country[]> {

return this.http.get<GetResponseCountry>(this.countriesUrl).pipe(

map(response => response.\_embedded.countries)

);

}

getStates(theCountryCode: string): Observable<State[]> {

const searchStateUrl = `${this.statesUrl}/search/findByCountryCode?code=${theCountryCode}`;

return this.http.get<GetResponseState>(searchStateUrl).pipe(

map(response => response.\_embedded.states)

);

}

}

interface GetResponseCountry{

\_embedded : {

countries: Country[];

}

}

interface GetResponseState{

\_embedded : {

states: State[];

}

}