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

import {

HttpClient,

HttpErrorResponse

} from '@angular/common/http';

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

import { Observable, throwError, Subject } from 'rxjs';

import { catchError } from 'rxjs/operators';

@Injectable({

providedIn: 'root'

})

export class ContactsServiceService {

constructor(private httpService: HttpClient,private router:Router) { }

//Save the contact Details which needs to shown at the click

contactInfo;

//authguard boolean variable to disallow direct

//entry on refresh of page to view contactDetails and sendMessage component

allowEntry=false;

//Herokurl where server is hosted

herokuAppUrl="https://contactlistserver.herokuapp.com/"

// Object that stores all the message details which needs to be send to server

postMessageDetails={};

//service to call api's which return all the contacts as an array

public getAllContacts(){

this.allowEntry=true;

return this.httpService.get(this.herokuAppUrl+"getContactList")

.pipe(catchError(this.errHandler))

}

//Savnig Clicked contact on ContactLists component on subject

//Required for next component i.e ContactDetails component.

public savedContact(contact){

this.contactInfo=contact;

}

//This boolean return method checks decides the validation of authguard.

//Restricts from directly entering into another component other than contactLists component.

public allowNavigate(){

return this.allowEntry;

}

//returns the contact info that was clicked in the previous component

public getContact(){

return this.contactInfo;

}

//Common method to handle errors

public errHandler(err: HttpErrorResponse) {

console.log('Error handler in service');

return throwError(err);

}

//Responsible for messaging individuals and stroring the message in database.

public callExternalMsgAPI(message:string):Observable<any>{

console.log(message);

this.postMessageDetails['message']=message;

this.postMessageDetails['to']=this.contactInfo.phoneNumber;

this.postMessageDetails['Name']=this.contactInfo.fName + this.contactInfo.lName;

let date:Date=new Date();

this.postMessageDetails['Timeline']=date;

console.log(this.postMessageDetails);

return this.httpService.post(this.herokuAppUrl+"sendMessage",this.postMessageDetails)

.pipe(catchError(this.errHandler))

}

//Gets all user messages form database.

public getUserMessages():Observable<any>{

return this.httpService.get<any>(this.herokuAppUrl+"getMessages")

.pipe(catchError(this.errHandler));

}

}