App.component.ts

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

import \* as CanvasJS from 'src/assets/canvasjs.min.js';

import { GraphserService } from './graphser.service';

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.css']

})

export class AppComponent implements OnInit{

  constructor(private service: GraphserService){}

  public information: any[] = [];

  public callDuration: any[] = [];

   datacallnew: any[] =[]

  ngOnInit() {

    this.service.initalApiCall().subscribe( data  => {

      // console.log(data[0].call\_graph\_data.call\_duration\_data);

      // this.information = data;

      // console.log("information    ",this.information);

      this.callDuration = data[1].call\_opening\_compliance\_data;

      console.log("callduration     ", this.callDuration);

      this.datacallnew = this.callDuration;

      console.log("datacall new     ", this.datacallnew);

      console.log("data opening;   ",data[1].call\_opening\_compliance\_data);

      // for(let i=0; i <= this.callDuration.length; i++){

      //   this.datacall = {

      //     y: this.callDuration[i].percentage,

      //     label: this.callDuration[i].country

      //   };

      //  this.datacallnew.push(this.datacall);

      // console.log("thisdatacall new .....   ",this.datacallnew)

      // }

      // console.log("thisdatacall new .....   ",this.datacallnew)

    })

    this.callOpening();

  }

  callOpening() {

    let chart = new CanvasJS.Chart("callOpeningCompliance", {

      animationEnabled: true,

      axisX: {

        interval: 1

      },

      axisY: {

        interval: 100

      },

      axisY2: {

        interlacedColor: "rgba(1,77,101,.2)",

        gridColor: "rgba(1,77,101,.1)",

        title: "Number of Companies"

      },

      dataPointWidth: 7,

      data: [{

        type: "bar",

        name: "companies",

        axisYType: "primary",

        color: "#0165",

        dataPoints: this.callDuration

      }]

    });

    //  chart.options.data[0].dataPoints.push(this.datacallnew);

    chart.render();

  }

}

App.compponent.html

<div id="callOpeningCompliance" style="height:200px; width: 100%;"></div>

App.module.ts

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

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

import { AppRoutingModule } from './app-routing.module';

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

import { ReactiveFormsModule, FormsModule } from '@angular/forms';

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

@NgModule({

  declarations: [

    AppComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    ReactiveFormsModule,

    FormsModule,

    HttpClientModule,

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

Db.json

{

  "countries": [

    "Florida",

    "Big South",

    "Keystone",

    "WNE",

    "Freedom",

    "TwinCity",

    "Beltway",

    "GBR",

    "Portland",

    "Houston",

    "XHS",

    "Mountain West",

    "California",

    "Seattle"

  ],

  "data": [

    {

      "call\_recording\_disclosure\_data": [

        {

          "label": "Beltway",

          "y": 83

        },

        {

          "label": "Big South",

          "y": 100

        },

        {

          "label": "California",

          "y": 93

        },

        {

          "label": "Florida",

          "y": 93

        },

        {

          "label": "Freedom",

          "y": 93

        },

        {

          "label": "GBR",

          "y": 93

        },

        {

          "label": "Houston",

          "y": 88

        },

        {

          "label": "Keystone",

          "y": 98

        },

        {

          "label": "Mountain West",

          "y": 93

        },

        {

          "label": "Portland",

          "y": 95

        },

        {

          "label": "Seattle",

          "y": 98

        },

        {

          "label": "TwinCity",

          "y": 83

        },

        {

          "label": "WNE",

          "y": 98

        },

        {

          "label": "XHS",

          "y": 85

        }

      ]

    },

    {

      "call\_opening\_compliance\_data": [

        {

          "label": "Beltway",

          "y": 74

        },

        {

          "label": "Big South",

          "y": 65

        },

        {

          "label": "California",

          "y": 78

        },

        {

          "label": "Florida",

          "y": 66

        },

        {

          "label": "Freedom",

          "y": 78

        },

        {

          "label": "GBR",

          "y": 79

        },

        {

          "label": "Houston",

          "y": 62

        },

        {

          "label": "Keystone",

          "y": 80

        },

        {

          "label": "Mountain West",

          "y": 78

        },

        {

          "label": "Portland",

          "y": 65

        },

        {

          "label": "Seattle",

          "y": 71

        },

        {

          "label": "TwinCity",

          "y": 72

        },

        {

          "label": "WNE",

          "y": 79

        },

        {

          "label": "XHS",

          "y": 74

        }

      ]

    },

    {

      "empathy\_or\_sympathy\_data": [

        {

          "label": "Beltway",

          "y": 66

        },

        {

          "label": "Big South",

          "y": 93

        },

        {

          "label": "California",

          "y": 80

        },

        {

          "label": "Florida",

          "y": 76

        },

        {

          "label": "Freedom",

          "y": 85

        },

        {

          "label": "GBR",

          "y": 74

        },

        {

          "label": "Houston",

          "y": 77

        },

        {

          "label": "Keystone",

          "y": 75

        },

        {

          "label": "Mountain West",

          "y": 83

        },

        {

          "label": "Portland",

          "y": 78

        },

        {

          "label": "Seattle",

          "y": 91

        },

        {

          "label": "TwinCity",

          "y": 70

        },

        {

          "label": "WNE",

          "y": 74

        },

        {

          "label": "XHS",

          "y": 74

        }

      ]

    },

    {

      "other\_lob\_check\_data": [

        {

          "label": "Beltway",

          "y": 30

        },

        {

          "label": "Big South",

          "y": 13

        },

        {

          "label": "California",

          "y": 30

        },

        {

          "label": "Florida",

          "y": 15

        },

        {

          "label": "Freedom",

          "y": 35

        },

        {

          "label": "GBR",

          "y": 15

        },

        {

          "label": "Houston",

          "y": 21

        },

        {

          "label": "Keystone",

          "y": 18

        },

        {

          "label": "Mountain West",

          "y": 20

        },

        {

          "label": "Portland",

          "y": 15

        },

        {

          "label": "Seattle",

          "y": 18

        },

        {

          "label": "TwinCity",

          "y": 16

        },

        {

          "label": "WNE",

          "y": 12

        },

        {

          "label": "XHS",

          "y": 3

        }

      ]

    },

    {

      "cancel\_tech\_visit\_data": [

        {

          "label": "Beltway",

          "y": 35

        },

        {

          "label": "Big South",

          "y": 49

        },

        {

          "label": "California",

          "y": 40

        },

        {

          "label": "Florida",

          "y": 52

        },

        {

          "label": "Freedom",

          "y": 58

        },

        {

          "label": "GBR",

          "y": 49

        },

        {

          "label": "Houston",

          "y": 49

        },

        {

          "label": "Keystone",

          "y": 43

        },

        {

          "label": "Mountain West",

          "y": 45

        },

        {

          "label": "Portland",

          "y": 48

        },

        {

          "label": "Seattle",

          "y": 42

        },

        {

          "label": "TwinCity",

          "y": 47

        },

        {

          "label": "WNE",

          "y": 34

        },

        {

          "label": "XHS",

          "y": 53

        }

      ]

    },

    {

      "self\_help\_xfinity\_my\_account\_app\_data": [

        {

          "label": "Beltway",

          "y": 49

        },

        {

          "label": "Big South",

          "y": 42

        },

        {

          "label": "California",

          "y": 43

        },

        {

          "label": "Florida",

          "y": 42

        },

        {

          "label": "Freedom",

          "y": 45

        },

        {

          "label": "GBR",

          "y": 32

        },

        {

          "label": "Houston",

          "y": 24

        },

        {

          "label": "Keystone",

          "y": 38

        },

        {

          "label": "Mountain West",

          "y": 35

        },

        {

          "label": "Portland",

          "y": 43

        },

        {

          "label": "Seattle",

          "y": 37

        },

        {

          "label": "TwinCity",

          "y": 42

        },

        {

          "label": "WNE",

          "y": 39

        },

        {

          "label": "XHS",

          "y": 19

        }

      ]

    },

    {

      "call\_closing\_data": [

        {

          "label": "Beltway",

          "y": 69

        },

        {

          "label": "Big South",

          "y": 80

        },

        {

          "label": "California",

          "y": 78

        },

        {

          "label": "Florida",

          "y": 64

        },

        {

          "label": "Freedom",

          "y": 75

        },

        {

          "label": "GBR",

          "y": 69

        },

        {

          "label": "Houston",

          "y": 77

        },

        {

          "label": "Keystone",

          "y": 78

        },

        {

          "label": "Mountain West",

          "y": 80

        },

        {

          "label": "Portland",

          "y": 65

        },

        {

          "label": "Seattle",

          "y": 74

        },

        {

          "label": "TwinCity",

          "y": 70

        },

        {

          "label": "WNE",

          "y": 81

        },

        {

          "label": "XHS",

          "y": 40

        }

      ]

    },

    {

      "behavioural\_sentiment\_data": [

        {

          "behaviour": "positive",

          "y": 32

        },

        {

          "behaviour": "negative",

          "y": 12

        },

        {

          "behaviour": "neutral",

          "y": 56

        }

      ]

    }

  ]

}

grapService.service.ts

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

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

import { Observable } from 'rxjs';

import { map } from 'rxjs/operators';

@Injectable({

  providedIn: 'root'

})

export class GraphserService {

  constructor(private http: HttpClient) { }

  initalApiCall(){

    return this.http.get("http://localhost:3000/data")

  }

}