<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>Flask App </title>

<!-- Bootstraps Java Scipts Links -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"

integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">

<script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"

integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n" crossorigin="anonymous">

</script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous">

</script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"

integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" crossorigin="anonymous">

</script>

<!-- JQuery links -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<!--High CHART LIVE -->

<script src="http://code.highcharts.com/highcharts.js"></script>

<script src="http://code.highcharts.com/highcharts-more.js"></script>

<script src="http://code.highcharts.com/modules/exporting.js"></script>

</head>

<body>

<div class="jumbotron">

<h1 class="text-center text-white">Welcome to Sensor Visualization </h1>

</div>

<br>

<br>

<div class="container-fluid">

<!-- Example row of columns -->

<div class="row">

<div class="container-fluid" id="data-temperature">

</div>

</div>

</div>

<br>

<br>

<br>

<div class="container-fluid">

<!-- Example row of columns -->

<div class="row">

<div class="container-fluid" id="data-humidity">

</div>

</div>

</div>

<script>

var chartTemperatue;

var chartHumidity;

function requestData() {

// Ajax call to get the Data from Flask

var requests = $.get('/data');

/\* var tm = requests.done(function (result) {

// Temperature

var seriesTemperature = chartTemperatue.series[0],

shiftTemperature = seriesTemperature.data.length > 20;

// Humidity

var seriesHumidity = chartHumidity.series[0],

shiftHumidity = seriesTemperature.data.length > 20;

// Add the Point

// Time Temperature\

var data1 = [];

data1.push(result[0]);

data1.push(result[1]);

// Add the Point

// Time Humidity

var data2 = [];

data2.push(result[0]);

data2.push(result[2]);

chartTemperatue.series[0].addPoint(data1, true, shiftTemperature);

chartHumidity.series[0].addPoint(data2, true, shiftHumidity);

// call it again after one second

setTimeout(requestData, 2000);

});\*/

}

$(document).ready(function () {

// --------------Chart 1 ----------------------------

/\*chartTemperatue = new Highcharts.Chart({

chart: {

renderTo: 'data-temperature',

defaultSeriesType: 'area',

events: {

load: requestData

}

},

title: {

text: 'Temperature'

},

xAxis: {

type: 'datetime',

tickPixelInterval: 150,

maxZoom: 20 \* 1000

},

yAxis: {

minPadding: 0.2,

maxPadding: 0.2,

title: {

text: 'Value',

margin: 80

}

},

series: [{

color: '#c23d23',

lineColor: '#303030',

name: 'Temperature',

data: []

}]

});\*/

chartTemperatue = new Highcharts.Chart({

chart: {

renderTo: 'data-temperature',

defaultSeriesType: 'bar',

events: {

load: requestData

}

},

title: {

text: 'Actor\_name'

},

xAxis: {

categories: ['Movie\_1', 'Movie\_2', 'Movie\_3', 'Movie\_4'],

title: {

text: null

}

},

yAxis: {

min: 0,

title: {

text: 'Rating',

align: 'high'

},

labels: {

overflow: 'justify'

}

},

plotOptions: {

bar: {

dataLabels: {

enabled: true

}

}

},

legend: {

layout: 'vertical',

align: 'right',

verticalAlign: 'top',

x: -40,

y: 80,

floating: true,

borderWidth: 1,

backgroundColor:

Highcharts.defaultOptions.legend.backgroundColor || '#FFFFFF',

shadow: true

},

credits: {

enabled: false

},

series: [{

name: 'critics\_score',

data: [5, 3, 7, 4]

}, {

name: 'audience\_score',

data: [5, 6, 7, 8]

}, {

name: 'boxoffice\_score',

data: [5, 8, 4, 4]

}, {

name: 'overall\_score',

data: [5, 4, 7, 10]

}]

});

// --------------Chart 1 Ends - -----------------

/\* chartHumidity = new Highcharts.Chart({

chart: {

renderTo: 'data-humidity',

defaultSeriesType: 'area',

events: {

load: requestData

}

},

title: {

text: 'Humidity'

},

xAxis: {

type: 'datetime',

tickPixelInterval: 150,

maxZoom: 20 \* 1000

},

yAxis: {

minPadding: 0.2,

maxPadding: 0.2,

title: {

text: 'Value',

margin: 80

}

},

series: [{

lineColor: '#1d82b8',

name: 'Humidity',

data: []

}]

});\*/

});

</script>

</body>

</html>