<!DOCTYPE HTML><html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

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

<style>

body {

min-width: 310px;

max-width: 800px;

height: 400px;

margin: 0 auto;

}

h2 {

font-family: Arial;

font-size: 2.5rem;

text-align: center;

}

.cardt{

min-width: 350px;

min-height: 250px;

background: #02b875;

padding: 30px;

box-sizing: border-box;

color: #FFF;

margin:20px;

box-shadow: 0px 2px 18px -4px rgba(0,0,0,0.75);

}

.cardi{

min-width: 350px;

min-height: 250px;

background: #02b875;

padding: 30px;

box-sizing: border-box;

color: #FFF;

margin:20px;

box-shadow: 0px 2px 18px -4px rgba(0,0,0,0.75);

}

.cardm{

min-width: 350px;

min-height: 250px;

background: #02b875;

padding: 30px;

box-sizing: border-box;

color: #FFF;

margin:20px;

box-shadow: 0px 2px 18px -4px rgba(0,0,0,0.75);

}

.carda{

min-width: 350px;

min-height: 250px;

background: #02b875;

padding: 30px;

box-sizing: border-box;

color: #FFF;

margin:20px;

box-shadow: 0px 2px 18px -4px rgba(0,0,0,0.75);

}

#inline{width:100%;height:auto;background-color:white;display:flex;}

.one,.two{width:50%;height:100px;background-color:green;margin:10px;}

</style>

</head>

<body>

<h2>E-glove interface</h2>

<div id="inline">

<div class="cardt">

<h3>Thumb force: </h3>

<h1><span id="Thumb">0</span> N</h1>

</div>

<div class="cardi" >

<h3>Index force: </h3>

<h1><span id="Index">0</span> N</h1>

</div>

</div>

<div id="inline">

<div class="cardm">

<h3>Middle finger force:</h3>

<h1><span id="Middle">0</span> N</h1>

</div>

<div class="carda">

<h3>Arch force: </h3>

<h1><span id="Arch">0</span> N</h1>

</div>

</div>

<div id="chart-thumb" class="container"></div>

<div id="chart-index" class="container"></div>

<div id="chart-middle-finger" class="container"></div>

<div id="chart-arch" class="container"></div>

</body>

<script>

var chartT = new Highcharts.Chart({

chart:{ renderTo : 'chart-thumb' },

title: { text: 'Thumb force' },

series: [{

showInLegend: false,

data: []

}],

plotOptions: {

line: { animation: false,

dataLabels: { enabled: true }

},

series: { color: '#059e8a' }

},

xAxis: { type: 'datetime',

dateTimeLabelFormats: { millisecond: '%M:%S' }

},

yAxis: {

title: { text: 'Force (N)' }

},

credits: { enabled: false }

});

setInterval(function ( ) {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 20) {

document.getElementById("Thumb").innerHTML =

this.responseText;

var x = (new Date()).getTime(),

y = parseFloat(this.responseText);

//console.log(this.responseText);

if(chartT.series[0].data.length > 40) {

chartT.series[0].addPoint([x, y], true, true, true);

} else {

chartT.series[0].addPoint([x, y], true, false, true);

}

}

};

xhttp.open("GET", "/thumb", true);

xhttp.send();

}, 20 ) ;

var chartH = new Highcharts.Chart({

chart:{ renderTo:'chart-index' },

title: { text: 'Index force' },

series: [{

showInLegend: false,

data: []

}],

plotOptions: {

line: { animation: false,

dataLabels: { enabled: true }

}

},

xAxis: {

type: 'datetime',

dateTimeLabelFormats: { millisecond: '%M:%S' }

},

yAxis: {

title: { text: 'Force (N)' }

},

credits: { enabled: false }

});

setInterval(function ( ) {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 20) {

document.getElementById("Index").innerHTML =

this.responseText;

var x = (new Date()).getTime(),

y = parseFloat(this.responseText);

//console.log(this.responseText);

if(chartH.series[0].data.length > 40) {

chartH.series[0].addPoint([x, y], true, true, true);

} else {

chartH.series[0].addPoint([x, y], true, false, true);

}

}

};

xhttp.open("GET", "/index", true);

xhttp.send();

}, 20 ) ;

var chartP = new Highcharts.Chart({

chart:{ renderTo:'chart-middle-finger' },

title: { text: 'Middle finger force' },

series: [{

showInLegend: false,

data: []

}],

plotOptions: {

line: { animation: false,

dataLabels: { enabled: true }

},

series: { color: '#18009c' }

},

xAxis: {

type: 'datetime',

dateTimeLabelFormats: { millisecond: '%M:%S' }

},

yAxis: {

title: { text: 'Force (N)' }

},

credits: { enabled: false }

});

setInterval(function ( ) {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 20) {

document.getElementById("Middle").innerHTML =

this.responseText;

var x = (new Date()).getTime(),

y = parseFloat(this.responseText);

//console.log(this.responseText);

if(chartP.series[0].data.length > 40) {

chartP.series[0].addPoint([x, y], true, true, true);

} else {

chartP.series[0].addPoint([x, y], true, false, true);

}

}

};

xhttp.open("GET", "/middle", true);

xhttp.send();

}, 20 ) ;

var chartA = new Highcharts.Chart({

chart:{ renderTo:'chart-arch' },

title: { text: 'Arch force' },

series: [{

showInLegend: false,

data: []

}],

plotOptions: {

line: { animation: false,

dataLabels: { enabled: true }

},

series: { color: '#059e8a' }

},

xAxis: {

type: 'datetime',

dateTimeLabelFormats: { millisecond: '%M:%S' }

},

yAxis: {

title: { text: 'Force (N)' }

},

credits: { enabled: false }

});

setInterval(function ( ) {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 20) {

document.getElementById("Arch").innerHTML =

this.responseText;

var x = (new Date()).getTime(),

y = parseFloat(this.responseText);

//console.log(this.responseText);

if(chartA.series[0].data.length > 40) {

chartA.series[0].addPoint([x, y], true, true, true);

} else {

chartA.series[0].addPoint([x, y], true, false, true);

}

text(round(y,2), 350, 110);

}

};

xhttp.open("GET", "/arch", true);

xhttp.send();

}, 20 ) ;

</script>

</html>