<!DOCTYPE html>

<html>

<head>

<title>Square Joystick</title>

<link rel='stylesheet' href='Square joystick.css'>

</head>

<body>

<div id='main'>

<div id='control-box'>

<div id='smlback'></div>

<div id='sectionlines' style='transform:null;'>

<div id='joystick' style='left:40px;bottom:40px;'></div>

</div>

<div id='inputs' style='transform:null;'>

<div id='button-box'>

<button id='btA' oncontextmenu='bttnclr()'

style='background-color:blue;'>A</button>

<button id='btB' oncontextmenu='bttnclr()'

style='background-color:red;'>B</button>

<button id='btX' oncontextmenu='bttnclr()'

style='background-color:green;'>X</button>

<button id='btY' oncontextmenu='bttnclr()'

style='background-color:yellow;'>Y</button>

</div><hr><hr>

<p>x-axis: </p><input type='text' id='y-axis' min='-50' max='50'

placeholder='Min:-50 Max:50' class='Txt'

value=''><br>

<p>y-axis: </p><input type='text' id='x-axis' min='-50' max='50'

placeholder='Min:-50 Max:50' class='Txt'

value=''><br>

<button onclick='jostfunction()'>Move Joystick</button><hr>

<p>x-axis: </p><input type='range' id='y-axis-slide' min='-50' max='50'

placeholder='Min:-50 Max:50' class='slid'

value='' onchange='slidefunction()'><br>

<p>y-axis: </p><input type='range' id='x-axis-slide' min='-50' max='50'

placeholder='Min:-50 Max:50' class='slid'

value='' onchange='slidefunction()'><br><hr>

<p id='co-co'>Position: ( , )</p><hr><hr>

</div>

</div>

<div id='data'>

Joystick Magnifier:

<input type='number' style='width:100px;' id='scale\_slide'

min='1' max='4' value='' placeholder='Range: 1-4' step='.5'>

<button onclick='scalefct()'>Joystick: Scale up</button>

<button onclick='scalednfct()'>Joystick: Scale down</button>

</div>

</div>

<script>

var doid, teda;

var jost, jostx, josty;

doid = null;

teda = document.getElementById('data');

jost = document.getElementById('joystick');

jostx = document.getElementById('x-axis');

josty = document.getElementById('y-axis');

slidex = document.getElementById('x-axis-slide');

slidey = document.getElementById('y-axis-slide');

function jostfunction() {

let x = Number(jostx.value);

if (x > 50) {

x = 50;

jostx.value = 50;

}

else if (x < -50) {

x = -50;

jostx.value = -50;

}

let y = Number(josty.value);

if (y > 50) {

y = 50;

josty.value = 50;

}

else if (y < -50) {

y = -50;

josty.value = -50;

}

joystick.style.bottom = (x + 40) + 'px';

joystick.style.left = (y + 40) + 'px';

document.getElementById('co-co').innerHTML = 'Position: ( '

+ y + ', ' + x + ')';

}

function slidefunction() {

let x = Number(slidex.value);

let y = Number(slidey.value);

joystick.style.bottom = (x + 40) + 'px';

joystick.style.left = (y + 40) + 'px';

document.getElementById('co-co').innerHTML = 'Position: ( '

+ y + ', ' + x + ')';

}

function scalefct() {

var scl = document.getElementById('scale\_slide').value;

var buffer = (scl\*10) + 8;

if(window.innerWidth <= 825) {

var rescl = (window.innerWidth-210)/140;

if(rescl < scl) {

buffer = (rescl\*10) + 8;

document.getElementById('sectionlines').style.transform =

'scale(' + rescl + ',' + rescl + ') translate('+buffer+'px,'+buffer+'px)';

document.getElementById('scale\_slide').value =

rescl;

document.getElementById('inputs').style.transform =

'translateY('+((rescl\*80)+(rescl/10))+'px)';

document.getElementById('button-box').style.transform =

'translate(-155px,'+(-140-((rescl\*80)+(rescl/10)))+'px)';

}

else {

document.getElementById('sectionlines').style.transform =

'scale(' + scl + ',' + scl + ') translate(' + buffer + 'px,'+ buffer +'px)';

document.getElementById('inputs').style.transform =

'translateY('+((scl\*80)+(scl/10))+'px)';

document.getElementById('button-box').style.transform =

'translate(-155px,'+(-140-((scl\*80)+(scl/10)))+'px)';

}

}

else {

document.getElementById('sectionlines').style.transform =

'scale(' + scl + ',' + scl + ') translate(' + buffer + 'px,'+ buffer +'px)';

document.getElementById('button-box').style.transform =

'translate(-155px, 0px)';

document.getElementById('inputs').style.transform =

null;

}

}

function scalednfct() {

document.getElementById('sectionlines').style.transform =

null;

document.getElementById('inputs').style.transform =

null;

if(window.innerWidth <= 825) {

document.getElementById('button-box').style.transform =

'translate(-155px,-140px)';

}

else {

document.getElementById('button-box').style.transform =

'translate(-155px,0px)';

}

}

</script>

</body>

</html>