Code dump:

In order of screenshot

A screenshot of a computer

Description automatically generated

/\*

Created on : Apr 28, 2019, 1:52:21 PM

Author : gordonfleming

\*/

.p {

font-family: Arial, sans-serif;

text-align: center;

}

.map svg { /\* Scales map depending on screen size \*/

display: flex;

margin-left: auto;

margin-right: auto;

width: 70%;

height: 75%

}

.map g { /\* Styles each <g> element \*/

fill: #ccc;

stroke: #333;

stroke-width: 1;

transition: all 1s;

transform-origin: 50% 50%;

}

.map g:hover {

fill: #4286f4 !important;

transform: scale(1.009);

cursor: help;

}

.info\_panel { /\* Handles the pop-ups when mouse hovers over the venues \*/

background-color: rgba(255,255,255, .8);

padding: 5px;

font-size: 12px;

font-family: Helvetica, Arial, sans-serif;

position: absolute;

border: 1px solid #333;

color: #333;

white-space: nowrap;

}

.info\_panel::first-line {

font-weight: bold;

}

/\*

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\*/

var temp\_array= regions.map(function(item){

return item.population;

});

var highest\_value = Math.max.apply(Math, temp\_array);

$(function() {

for(i = 0; i < regions.length; i++) {

$('#'+ regions[i].region\_code)

.css({'fill': 'rgba(11, 104, 170,' + regions[i].population/highest\_value +')'})

.data('region', regions[i]);

}

$('.map g').mouseover(function (e) {

var region\_data=$(this).data('region');

$('<div class="info\_panel">'+

region\_data.region\_name + '<br>' +

'Population: ' + region\_data.population.toLocaleString("en-UK") +

'</div>'

)

.appendTo('body');

})

.mouseleave(function () {

$('.info\_panel').remove();

})

.mousemove(function(e) {

var mouseX = e.pageX, //X coordinates of mouse

mouseY = e.pageY; //Y coordinates of mouse

$('.info\_panel').css({

top: mouseY-50,

left: mouseX - ($('.info\_panel').width()/2)

});

});

});

/\*

Created on : Apr 28, 2019, 1:52:21 PM

Author : gordonfleming

\*/

/\* global locations \*/

var venues=[

{"VENUEID":"1","NAME":"Afrikaans 17","SHORT":"17"},

{"VENUEID":"2","NAME":"Afrikaans 28","SHORT":"28"},

{"VENUEID":"3","NAME":"Afrikaans 29","SHORT":"29"},

{"VENUEID":"4","NAME":"Afrikaans 30","SHORT":"30"},

{"VENUEID":"5","NAME":"Afrikaans 31","SHORT":"31"},

{"VENUEID":"6","NAME":"Afrikaans 32","SHORT":"32"},

{"VENUEID":"20","NAME":"Art 33","SHORT":"33"},

{"VENUEID":"21","NAME":"Art 36","SHORT":"36"},

{"VENUEID":"40","NAME":"Drama 70","SHORT":"70"},

{"VENUEID":"41","NAME":"Drama Alternate","SHORT":"DraAlt"},

{"VENUEID":"42","NAME":"Drama Dungeon","SHORT":"Dun"},

{"VENUEID":"60","NAME":"English 1","SHORT":"E1"},

{"VENUEID":"61","NAME":"English 2","SHORT":"E2"},

{"VENUEID":"62","NAME":"English 3","SHORT":"E3"},

{"VENUEID":"63","NAME":"English 4","SHORT":"E4"},

{"VENUEID":"64","NAME":"English 5","SHORT":"E5"},

{"VENUEID":"65","NAME":"English 6","SHORT":"E6"},

{"VENUEID":"66","NAME":"English 7","SHORT":"E7"},

{"VENUEID":"67","NAME":"English 8","SHORT":"E8"},

{"VENUEID":"75","NAME":"FOE 13","SHORT":"B13"},

{"VENUEID":"90","NAME":"Geography 1","SHORT":"G1"},

{"VENUEID":"91","NAME":"Geography 2","SHORT":"G2"},

{"VENUEID":"92","NAME":"Geography 3","SHORT":"G3"},

{"VENUEID":"93","NAME":"Geography 4","SHORT":"G4"},

{"VENUEID":"94","NAME":"German 64","SHORT":"64"},

{"VENUEID":"120","NAME":"History 7","SHORT":"His7"},

{"VENUEID":"121","NAME":"History 8","SHORT":"His8"},

{"VENUEID":"122","NAME":"History 9","SHORT":"His9"},

{"VENUEID":"123","NAME":"History 12","SHORT":"His12"},

{"VENUEID":"124","NAME":"History 12B","SHORT":"His12B"},

{"VENUEID":"140","NAME":"Information Technology 15","SHORT":"B15"},

{"VENUEID":"141","NAME":"Information Technology 16","SHORT":"B16"},

{"VENUEID":"142","NAME":"Information Technology REB","SHORT":"REB"},

{"VENUEID":"160","NAME":"Latin 9","SHORT":"E9"},

{"VENUEID":"190","NAME":"Life Orientation 24","SHORT":"24"},

{"VENUEID":"191","NAME":"Life Sciences 4","SHORT":"B4"},

{"VENUEID":"192","NAME":"Life Sciences 7","SHORT":"B7"},

{"VENUEID":"193","NAME":"Life Sciences 9","SHORT":"B9"},

{"VENUEID":"194","NAME":"Life Sciences 10","SHORT":"B10"},

{"VENUEID":"220","NAME":"Mathematics 14","SHORT":"Mat14"},

{"VENUEID":"221","NAME":"Mathematics 15","SHORT":"15"},

{"VENUEID":"222","NAME":"Mathematics 16","SHORT":"16"},

{"VENUEID":"223","NAME":"Mathematics 39","SHORT":"39"},

{"VENUEID":"224","NAME":"Mathematics 42","SHORT":"42"},

{"VENUEID":"225","NAME":"Mathematics 44","SHORT":"44"},

{"VENUEID":"226","NAME":"Mathematics 47","SHORT":"47"},

{"VENUEID":"227","NAME":"Mathematics 48","SHORT":"48"},

{"VENUEID":"228","NAME":"Mathematics 50","SHORT":"50"},

{"VENUEID":"240","NAME":"Divinity 59","SHORT":"59"},

{"VENUEID":"260","NAME":"French 60","SHORT":"60"},

{"VENUEID":"261","NAME":"French 61","SHORT":"61"},

{"VENUEID":"229","NAME":"Mathematics 67","SHORT":"67"},

{"VENUEID":"230","NAME":"Mathematics 69","SHORT":"69"},

{"VENUEID":"250","NAME":"Music 14","SHORT":"Mus14"},

{"VENUEID":"280","NAME":"Music Auditorium","SHORT":"MusAud"},

{"VENUEID":"281","NAME":"Music Green","SHORT":"MusGrn"},

{"VENUEID":"300","NAME":"Physical Education Field","SHORT":"Field"},

{"VENUEID":"301","NAME":"Physical Education Field 2","SHORT":"Field"},

{"VENUEID":"340","NAME":"Science 14","SHORT":"B14"},

{"VENUEID":"341","NAME":"Science C1","SHORT":"C1"},

{"VENUEID":"342","NAME":"Science C2","SHORT":"C2"},

{"VENUEID":"343","NAME":"Science C6","SHORT":"C6"},

{"VENUEID":"344","NAME":"Science P1","SHORT":"P1"},

{"VENUEID":"345","NAME":"Science P2","SHORT":"P2"},

{"VENUEID":"346","NAME":"Science P6","SHORT":"P6"},

{"VENUEID":"360","NAME":"Sixth Form 55","SHORT":"55"},

{"VENUEID":"380","NAME":"Zulu 65","SHORT":"65"},

{"VENUEID":"381","NAME":"Zulu 66","SHORT":"66"},

{"VENUEID":"22","NAME":"Art 35","SHORT":"35"},

{"VENUEID":"231","NAME":"Mathematics 14","SHORT":"14"},

];

var temp\_array= venues.map(function(item){

return item.VENUEID;

});

var highest\_value = Math.max.apply(Math, temp\_array);

$(function() {

for(i = 0; i < venues.length; i++) {

$('#'+ venues[i].SHORT)

.css({'fill': 'rgba(5, 500, 5000,' + venues[i].VENUEID/highest\_value +')'})

.data('venue', venues[i]);

}

for(i = 0; i < locations.length; i++) {

$('#'+ locations[i].VENUE)

.data('locations',locations[i]);

}

$('.map g').mouseover(function (e) {

var venue\_data=$(this).data('venue');

var locations\_data=$(this).data('locations');

$('<div class="info\_panel">'+

venue\_data.NAME + '<br>' +

'VenueID: ' + venue\_data.VENUEID.toLocaleString("en-UK") + '<br>' +

'StaffName: ' + locations\_data.STAFFNAME + '<br>' +

'Time: ' + locations\_data.TIME +

'</div>'

)

.appendTo('body');

})

.mouseleave(function () {

$('.info\_panel').remove();

})

.mousemove(function(e) {

var mouseX = e.pageX, //X coordinates of mouse

mouseY = e.pageY; //Y coordinates of mouse

$('.info\_panel').css({

top: mouseY-50,

left: mouseX - ($('.info\_panel').width()/0.8)

});

});

});

/\*

Created on : 29 Jan 2019, 9:47:40 AM

Author : Gordon Fleming

\*/

body{

background-color: #686c70; /\* Dark Gray \*/

}

h3{

font-size: 24px;

font-family: "Arial";

color: white;

}

h4{

color: white;

}

input[type=text] {

width: 100%;

padding: 4px 6px;

margin: 2px 0;

box-sizing: border-box;

}

select{

width: 100%;

padding: 4px 6px;

border: none;

margin: -20px 0;

border-radius: 16px;

background-color: #f1f1f1;

}

#hidden{ /\* Hides specific web elements from the user \*/

display:none;

}

#conainer-booking{

padding-left: 10px;

padding-right: 10px;

width: auto;

height: 90%;

overflow: auto;

}

#conainer-results{

padding-left: 10px;

padding-right: 10px;

width: auto;

height: 60%;

overflow: auto;

}

#container-query{

/\*

border-radius: 20px;

border-color: lightslategrey;

background-color: darkgray;

\*/

padding-left: 0px;

padding-right: 0px;

width: 700px;

height: auto;

overflow: auto;

}

#gname{

}

#gmail{

}

.Submit{

background-color: white;

border: none;

color: black;

padding: 6px 12px;

text-decoration: none;

margin: 4px 2px;

cursor: pointer;

}

.Tick\_Submit{

position: static;

background-color: lightgray;

height: 34px;

width: 34px;

border: 0;

margin-left: 15px;

border-radius: 50px;

padding-right: 0;

padding-left: 0px;

padding-bottom: 8px;

font-size: 26px;

cursor: pointer;

transition: all 0.5s;

}

.Tick\_Submit span {

cursor: pointer;

display: inline-block;

position: static;

transition: 0.5s;

transform: rotate(-235deg);

}

.Tick\_Submit span:after {

content: '\02923';

position: relative;

transition: 0.5s;

}

.Tick\_Submit:hover span {

position: static;

transform: rotate(125deg);

}

.Tick\_Refresh{

position: static;

background-color: lightgray;

height: 36px;

width: 36px;

border: 0;

margin-left: 0px;

border-radius: 5px;

padding-right: 0;

padding-left: 0px;

padding-bottom: 8px;

font-size: 28px;

cursor: pointer;

transition: all 0.5s;

}

.Tick\_Refresh span {

cursor: pointer;

display: inline-block;

position: static;

transition: 0.5s;

transform: rotate(-235deg);

}

.Tick\_Refresh span:after {

content: '\21C4';

position: relative;

transition: 0.5s;

}

.Tick\_Refresh:hover span {

position: static;

transform: rotate(125deg);

}

.bottom-right-help{

right: 0;

bottom: 0;

position: absolute;

padding-bottom: 0px;

padding-right: 50px;

}

.bottom-left-info{

left: 0;

bottom: 0;

position: absolute;

padding-bottom: 25px;

padding-left: 50px;

}

.profile-details{

left: 1%;

top: 8%;

position: absolute;

/\*padding-top: 60px;\*/

/\*padding-left: 20px;\*/

}

.button { /\* Adapted from: https://www.w3schools.com/css/tryit.asp?filename=trycss\_buttons\_animate1 \*/

display: inline-block;

border-radius: 4px;

background-color: #ffffff; /\* White \*/

border: none;

color: #383a3d; /\* Dark Gray \*/

text-align: center;

font-size: 14px;

padding: 8px 30px;

width: 150px;

transition: all 0.5s;

cursor: pointer;

margin: -0px;

}

.button span {

cursor: pointer;

display: inline-block;

position: relative;

transition: 0.5s;

}

.button span:after {

content: '\0226B';

position: absolute;

opacity: 2;

top: 0;

right: -20px;

transition: 0.5s;

}

.button:hover span {

padding-right: 25px;

}

.button:hover span:after {

opacity: 1;

right: 0;

}

.GSignInCentered { /\* Verically and horizontally aligns \*/

position: absolute;

width: 300px; /\* Dimensions of google button \*/

height: 60px;

top: 50%;

left: 50%; /\* Safety measures \*/

-webkit-transform: translate(-50%, -50%); /\* Chrome \*/

-moz-transform: translate(-50%, -50%); /\* Mozilla \*/

-o-transform: translate(-50%, -50%); /\* Opera \*/

-ms-transform: translate(-50%, -50%); /\* Internet Explorer \*/

transform: translate(-50%, -50%); /\* Auto adjusts and adapts to screen size... \*/

}

.GSignOutCentered { /\* Verically aligns offcenter and horizontally aligns center \*/

position: absolute;

width: 150px; /\* Dimensions standard button \*/

height: 35px;

top: 65%;

left: 50%;

transform: translate(-50%, -50%); /\* Auto adjusts and adapts to screen size... \*/

}

.top-left-GSignOut{

left: 1%;

top: 2%;

position: absolute;

/\*padding-top: 15px;\*/

/\*padding-left: 15px;\*/

}

.right-booking-form{

position: absolute;

top: 47%;

right: 2%;

transform: translate(-3%, -52%);

}

.left-results{

position: absolute;

top: 75%;

left: 8%;

transform: translate(-30%, -80%);

}

.top-query-form{

position: absolute;

top: 16%;

left: 50%;

transform: translate(-50%, -50%);

}

.refresh-button{

position: absolute;

top: 10%;

left: 20%;

transform: translate(-50%, -50%);

}

.centerLogo{ /\* Scales logo depending on screen size \*/

display: block;

margin-left: auto;

margin-right: auto;

width: 15%;

}

.center{

display: block;

margin-top: 6%;

margin-left: auto;

margin-right: auto;

width: auto;

}

.form-radio1 /\* adapted from: http://www.tipue.com/blog/radio-checkbox/ \*/

{ /\*Handles the maroon radio button\*/

-webkit-appearance: none;

-moz-appearance: none;

appearance: none;

margin-top: -10px;

display: inline-block;

position: relative;

background-color: white;

color: #666; /\* red \*/

top: 10px;

height: 30px;

width: 30px;

border: 0;

border-radius: 50px;

cursor: pointer;

margin-right: 7px;

outline: none;

}

.form-radio1:checked::before

{

position: absolute;

font: 14px/1 'Open Sans', sans-serif;

left: 11px;

top: 7px;

content: '\02143';

transform: rotate(40deg);

}

.form-radio1:hover

{

background-color: lightcoral;

}

.form-radio1:checked

{

background-color: #8e2330; /\* Maroon \*/

}

label

{

font: 300 16px/1.7 'Open Sans', sans-serif;

color: white;

cursor: pointer;

}

.form-radio2 /\* adapted from: http://www.tipue.com/blog/radio-checkbox/ \*/

{ /\*Handles the blue radio button\*/

-webkit-appearance: none;

-moz-appearance: none;

appearance: none;

margin-top: -10px;

display: inline-block;

position: relative;

background-color: white;

color: #666;

top: 10px;

height: 30px;

width: 30px;

border: 0;

border-radius: 50px;

cursor: pointer;

margin-right: 7px;

outline: none;

}

.form-radio2:checked::before

{

position: absolute;

font: 14px/1 'Open Sans', sans-serif;

left: 11px;

top: 7px;

content: '\02143';

transform: rotate(40deg);

}

.form-radio2:hover

{

background-color: lightblue;

}

.form-radio2:checked

{

background-color: #1830a5; /\* Blue \*/

}

.form-inline { /\* Style the form - display items horizontally \*/

display: flex;

flex-flow: row wrap;

align-items: center;

}

.form-inline label { /\* Adds margins for each label \*/

margin: 5px 10px 5px 10px;

}

.form-inline select{ /\* Overides the width previously set \*/

width: 18%;

}

.form-inline input{ /\* Overides the width previously set \*/

width: 18%;

}

<%--

Document : login

Created on : 27-Jan-2019, 11:37:03

Author : Gordon Fleming

--%>

<%@ page language="java" contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<link rel="shortcut icon" type="image/ico" href="img/favicon.ico">

<link rel="stylesheet" type="text/css" href="StyleSheet.css" />

<title>See Everything Login | St John's</title>

<script src="https://apis.google.com/js/platform.js" async defer></script>

<meta name="google-signin-client\_id" content="1056145859345-trlkgoivq1slfk4kmjbvpo0vgfuj85il.apps.googleusercontent.com">

<script type="text/javascript">

function onSignIn(googleUser) {

var profile = googleUser.getBasicProfile();

var imagurl=profile.getImageUrl();

var name=profile.getName();

var email=profile.getEmail();

window.location.href='main.jsp?email='+email+'&name='+name+'';

}

</script>

<script>

function myFunction() {

gapi.auth2.getAuthInstance().disconnect();

location.reload(true); /\* Reloads from server if (true) and from browser cache if (false) \*/

}

</script>

</head>

<body>

<br>

<img src="img/SJCtransparentLogo.png" alt="St John's" class="centerLogo">

<br>

<h1 align="center" ><font face="Arial" color="white">See Everything | Web App</font></h1>

<br>

<h2 align="center"><font face="Arial" color="white">A venue information and booking system, using a dynamic / interactive map</font></h2>

<div class="GSignInCentered">

<div class="g-signin2" data-onsuccess="onSignIn" data-width="300" data-height="60" id="myP"></div>

</div>

<center>

<br>

<img id="myImg"><br>

<p id="name"></p>

<div id="my-signin2"> </div>

</center>

<div class="GSignOutCentered">

<button class="button" onclick="myFunction()"><span>Sign Out</button>

</div>

<footer>

<center>

<div class="bottom-right-help">

<a href="img/Help\_for\_LoginPage(V1).png" target="\_blank"><p src="img/SJCfavicon.png" title="Need Help?"><font size = 4 color = #e2e519>Help?</font></p></a>

</div>

</center>

</footer>

</body>

</html>

<%--

Document : main

Created on : 27-Jan-2019, 12:05:10

Author : Gordon Fleming

--%>

<%@page import="database.DbConnection"%>

<%@page import="java.sql.\*"%>

<%@ page language="java" contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<link rel="shortcut icon" type="image/ico" href="img/favicon.ico"> <!-- Links the favicon -->

<link rel="stylesheet" type="text/css" href="StyleSheet.css" /> <!-- Links CSS file -->

<link rel="stylesheet" type="text/css" href="Map.css" /> <!-- Links CSS file -->

<title>See Everything Main Page | St John's</title>

<script src="https://apis.google.com/js/platform.js" async defer></script> <!-- Links google javascript file -->

<script src="https://code.jquery.com/jquery-3.4.1.min.js" integrity="sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=" crossorigin="anonymous"></script> <!-- Links jquery library file -->

<script type="text/javascript" src="StJohnsMap.js"></script> <!-- Links javascript file -->

<script type="text/javascript" src="\See-Everything\JSON.js"></script> <!-- Links javascript file -->

<meta name="google-signin-client\_id" content="1056145859345-trlkgoivq1slfk4kmjbvpo0vgfuj85il.apps.googleusercontent.com">

<script type="text/javascript">

function SignedIn(googleUser) { /\* Fetches user data from google \*/

var profile = googleUser.getBasicProfile();

var imagurl=profile.getImageUrl();

var name=profile.getName();

var email=profile.getEmail();

document.getElementById("myImg").src = imagurl;

document.getElementById("gname").innerHTML = name;

document.getElementById("gmail").innerHTML = email;

}

</script>

<script>

function myFunction() { /\* Signs out \*/

gapi.auth2.getAuthInstance().disconnect();

location.reload(true); /\* Reloads to sign out the user \*/

location.replace("http://localhost:8080/See-Everything/"); /\* Redirects to login page \*/

}

</script>

</head>

<body>

<! -- Other -->

<header><h2 align="center" ><font face="Arial" color="white">&ensp;&ensp;See Everything | St John's College</font></h2></header>

<div id = "hidden"> <!-- Hides the sign in button -->

<div class="g-signin2" data-onsuccess="SignedIn"></div>

</div>

<div class="top-left-GSignOut"> <!-- Displays the sign out button -->

<button class="button" onclick="myFunction()"><span>Sign Out</button>

</div>

<div class = "profile-details"> <!-- Displays the Users details -->

<img id="myImg" style="width:70px;height:70px;">

<br>

<p id="gname"></p>

</div>

<div class="center"> <!-- Centres the map -->

<div class="map"> <!-- Styles the map. Displays the SVG map. Styles all other venues differently. Each classroom is a separate object contained within <g> tags -->

<svg version="1.1" id="St\_John\_x27\_s" xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" x="0px"

y="0px" width="850px" height="500px" viewBox="0 0 841.68 595.2" style="enable-background:new 0 0 841.68 595.2;"

xml:space="preserve">

<style type="text/css">

.st0{fill:white;stroke:#000000}

.st1{fill:grey;stroke:#000000}

.st2{font-family:'Calibri';}

.st3{font-size:10px;}

.st4{font-size:12px;}

.st5{font-family:'Calibri';}

.st6{fill:white;stroke:#000000;stroke-miterlimit:10;}

.st7{fill:none;stroke:#000000;stroke-width:2;stroke-linejoin:round;stroke-miterlimit:10;}

.st8{font-size:11px;}

</style>

<g id="36">

<rect x="115.5" y="88" width="31.8" height="38.2"/>

<text transform="matrix(1 0 0 1 124.9877 105.6497)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">36</tspan><tspan x="-4.3" y="12" class="st1 st2 st3">ART</tspan></text>

</g>

<g id="C6">

<rect x="765" y="523.2" width="38.5" height="34.6"/>

<text transform="matrix(1 0 0 1 779.093 538.8501)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">C6</tspan><tspan x="-2.2" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="C2">

<rect x="765" y="451" width="38.5" height="34.6"/>

<text transform="matrix(1 0 0 1 776.743 464.5501)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">C2</tspan><tspan x="-2.2" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="C1">

<rect x="694.8" y="485" width="32.7" height="34.9"/>

<text transform="matrix(1 0 0 1 704.1431 498.2003)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">C1</tspan><tspan x="-2.2" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="P1">

<rect x="659.5" y="485" width="32.7" height="34.9"/>

<text transform="matrix(1 0 0 1 669.2544 498.2001)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">P1</tspan><tspan x="-2.7" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="P6">

<rect x="608.6" y="520.2" width="25.2" height="29.6"/>

<text transform="matrix(1 0 0 1 615.5043 529.8001)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">P6</tspan><tspan x="-2.7" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="P2">

<rect x="608.6" y="451" width="25.2" height="34.4"/>

<text transform="matrix(1 0 0 1 615.5044 464.5502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">P2</tspan><tspan x="-2.7" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="B9">

<rect x="507.8" y="520.2" width="35.2" height="28.6"/>

<text transform="matrix(1.0295 0 0 1 518.3419 528.8502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B9</tspan><tspan x="-2.9" y="12" class="st1 st2 st3">BIO</tspan></text>

</g>

<g id="B7">

<rect x="444.1" y="486" width="33" height="33"/>

<text transform="matrix(1.0295 0 0 1 452.8419 497.7502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B7</tspan><tspan x="-2.9" y="12" class="st1 st2 st3">BIO</tspan></text>

</g>

<g id="B4">

<rect x="507.8" y="451" width="35.2" height="34"/>

<text transform="matrix(1.0295 0 0 1 518.2919 468.3502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B4</tspan><tspan x="-2.9" y="12" class="st1 st2 st3">BIO</tspan></text>

</g>

<g id="B10">

<rect x="312" y="518" width="31.5" height="31.5"/>

<text transform="matrix(1.0295 0 0 1 317.517 529.8003)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B10</tspan><tspan x="0.3" y="12" class="st1 st2 st3">BIO</tspan></text>

</g>

<g id="B13">

<rect x="312" y="497.8" width="31.5" height="18.7"/>

<text transform="matrix(1.0295 0 0 1 317.5169 510.4501)" class="st1 st2 st3">B13</text>

</g>

<g id="B14">

<rect x="375.8" y="486" width="33.5" height="33.5"/>

<text transform="matrix(1.0295 0 0 1 382.167 497.7502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B14</tspan><tspan x="0.8" y="12" class="st1 st2 st3">SCI</tspan></text>

</g>

<g id="B15">

<rect x="311.9" y="464.5" width="31.7" height="31.7"/>

<text transform="matrix(1.0295 0 0 1 317.417 478.4006)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B15</tspan><tspan x="4.7" y="12" class="st1 st2 st3">IT</tspan></text>

</g>

<g id="B16">

<rect x="312" y="427.5" width="31.5" height="35.6"/>

<text transform="matrix(1.0295 0 0 1 317.417 444.2502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">B16</tspan><tspan x="4.7" y="12" class="st1 st2 st3">IT</tspan></text>

</g>

<g id="REB">

<rect x="246.9" y="491.2" width="31.6" height="26.5"/>

<text transform="matrix(1.0295 0 0 1 251.3837 507.5)" class="st1 st2 st3">REB</text>

</g>

<g id="E9">

<rect x="83.9" y="428" width="31.8" height="22.9"/>

<text transform="matrix(1 0 0 1 90.7026 444.2504)" class="st1 st2 st4">E9</text>

</g>

<g id="E8">

<rect x="117.5" y="427.8" width="32.3" height="35.6"/>

<text transform="matrix(1 0 0 1 125.4529 451.0502)" class="st1 st2 st4">E8</text>

</g>

<g id="E7">

<rect x="151.6" y="428" width="31.8" height="35.3"/>

<text transform="matrix(1 0 0 1 159.3026 450.8504)" class="st1 st2 st4">E7</text>

</g>

<g id="E6">

<rect x="149.4" y="518.7" width="31.3" height="20.4"/>

<text transform="matrix(1 0 0 1 159.3026 533.7004)" class="st1 st2 st4">E6</text>

</g>

<g id="E5">

<rect x="212.6" y="517.5" width="32.9" height="22.6"/>

<text transform="matrix(1 0 0 1 221.5026 533.7004)" class="st1 st2 st4">E5</text>

</g>

<g id="E4">

<rect x="212.6" y="493.5" width="32.9" height="22.6"/>

<text transform="matrix(1 0 0 1 221.5026 510.4504)" class="st1 st2 st4">E4</text>

</g>

<g id="E3">

<rect x="212.6" y="469.5" width="32.9" height="22.6"/>

<text transform="matrix(1 0 0 1 221.5026 484.9504)" class="st1 st2 st4">E3</text>

</g>

<g id="E2">

<rect x="212.6" y="445.7" width="32.9" height="22.6"/>

<text transform="matrix(1 0 0 1 221.5026 460.4504)" class="st1 st2 st4">E2</text>

</g>

<g id="E1">

<rect x="212.6" y="421.7" width="32.9" height="22.6"/>

<text transform="matrix(1 0 0 1 221.5026 434.9504)" class="st1 st2 st4">E1</text>

</g>

<g id="G4">

<rect x="49.3" y="435" width="32.8" height="24.5"/>

<text transform="matrix(1 0 0 1 57.0895 451.05)" class="st1 st2 st4">G4</text>

</g>

<g id="G3">

<rect x="49.3" y="460.5" width="32.8" height="24.5"/>

<text transform="matrix(1 0 0 1 57.0896 478.4005)" class="st1 st2 st4">G3</text>

</g>

<g id="G2">

<rect x="49.4" y="486" width="32.8" height="24.5"/>

<text transform="matrix(1 0 0 1 57.0897 502.4501)" class="st1 st2 st4">G2</text>

</g>

<g id="G1">

<rect x="49.3" y="511.3" width="32.8" height="27.5"/>

<text transform="matrix(1 0 0 1 57.0897 528.85)" class="st1 st2 st4">G1</text>

</g>

<g id="His12B">

<path class="st6" d="M-5.5-31.6"/>

<rect x="50" y="368.7" width="31.7" height="28.4"/>

<text transform="matrix(1 0 0 1 55.8135 378.2505)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">12B</tspan><tspan x="-0.5" y="12" class="st1 st2 st3">Hist</tspan></text>

</g>

<g id="His12">

<rect x="50" y="322.5" width="31.7" height="44.9"/>

<text transform="matrix(1 0 0 1 59.3378 340.3503)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">12</tspan><tspan x="-4.2" y="12" class="st1 st2 st3">Hist</tspan></text>

</g>

<g id="His9">

<rect x="82.8" y="378.3" width="31.7" height="28.4"/>

<text transform="matrix(1 0 0 1 95.4691 388.2505)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">9</tspan><tspan x="-7.4" y="12" class="st1 st2 st3">Hist</tspan></text>

</g>

<g id="His8">

<rect x="115.5" y="378.3" width="31.7" height="28.4"/>

<text transform="matrix(1 0 0 1 128.819 388.2502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">8</tspan><tspan x="-7.4" y="12" class="st1 st2 st3">Hist</tspan></text>

</g>

<g id="His7">

<rect x="180.7" y="368.7" width="31.7" height="28.4"/>

<text transform="matrix(1 0 0 1 194.1183 378.2502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">7</tspan><tspan x="-7.4" y="12" class="st1 st2 st3">Hist</tspan></text>

</g>

<g id="44">

<rect x="278.5" y="311.3" width="32.9" height="45.9"/>

<text transform="matrix(1 0 0 1 289.2382 329.0497)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">44</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="39">

<rect x="472.5" y="301.3" width="35.4" height="35.4"/>

<text transform="matrix(1 0 0 1 483.8376 315.9499)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">39</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="42">

<rect x="344.9" y="298.3" width="31.7" height="35.4"/>

<text transform="matrix(1 0 0 1 354.3876 312.15)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">42</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="64">

<rect x="767" y="227.8" width="38.2" height="29.2"/>

<text transform="matrix(1.0295 0 0 1 779.5497 238.4506)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">64</tspan><tspan x="-3" y="12" class="st1 st2 st3">Ger</tspan></text>

</g>

<g id="65">

<rect x="686.7" y="258" width="38.2" height="29.2"/>

<text transform="matrix(1.0295 0 0 1 699.2498 268.5502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">65</tspan><tspan x="-1.9" y="12" class="st1 st2 st3">Zul</tspan></text>

</g>

<g id="66">

<rect x="726.9" y="258" width="38.2" height="29.2"/>

<text transform="matrix(1.0295 0 0 1 739.4497 267.9502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">66</tspan><tspan x="-1.9" y="12" class="st1 st2 st3">Zul</tspan></text>

</g>

<g id="67">

<rect x="767" y="258" width="38.2" height="29.2"/>

<text transform="matrix(1.0295 0 0 1 779.5497 268.5504)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">67</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="69">

<rect x="686.7" y="227.8" width="38.2" height="29.2"/>

<text transform="matrix(1.0295 0 0 1 699.2498 238.4502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">69</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="28">

<rect x="78.6" y="111.8" width="32.1" height="36"/>

<text transform="matrix(1 0 0 1 88.2876 129.7501)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">28</tspan><tspan x="-4.5" y="12" class="st1 st2 st3">AFR</tspan></text>

</g>

<g id="29">

<rect x="115.5" y="138.1" width="31.8" height="28.6"/>

<text transform="matrix(1.0295 0 0 1 125.4497 148.1272)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">29</tspan><tspan x="-4.5" y="12" class="st1 st2 st3">AFR</tspan></text>

</g>

<g id="30">

<rect x="148.3" y="138.1" width="31.8" height="28.6"/>

<text transform="matrix(1.0295 0 0 1 157.5997 148.1272)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">30</tspan><tspan x="-4.5" y="12" class="st1 st2 st3">AFR</tspan></text>

</g>

<g id="31">

<rect x="181" y="138.1" width="31.8" height="28.6"/>

<text transform="matrix(1.0295 0 0 1 189.9997 148.1272)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">31</tspan><tspan x="-4.5" y="12" class="st1 st2 st3">AFR</tspan></text>

</g>

<g id="32">

<rect x="213.8" y="138.1" width="31.8" height="28.6"/>

<text transform="matrix(1.0295 0 0 1 222.4997 148.1272)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">32</tspan><tspan x="-4.5" y="12" class="st1 st2 st3">AFR</tspan></text>

</g>

<g id="33">

<rect x="213.8" y="88" width="31.8" height="38.2"/>

<text transform="matrix(1 0 0 1 223.3376 105.6497)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">33</tspan><tspan x="-4.3" y="12" class="st1 st2 st3">ART</tspan></text>

</g>

<g id="35">

<rect x="148.3" y="88" width="31.8" height="38.2"/>

<text transform="matrix(1 0 0 1 157.788 105.6498)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">35</tspan><tspan x="-4.3" y="12" class="st1 st2 st3">ART</tspan></text>

</g>

<g id="14">

<rect x="246.5" y="236.6" width="31.4" height="31.4"/>

<text transform="matrix(1 0 0 1 256.4377 248.0497)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">14</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="15">

<rect x="213.4" y="236.9" width="31.4" height="31.4"/>

<text transform="matrix(1 0 0 1 223.3377 248.0497)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">15</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="16">

<rect x="181" y="236.9" width="31.4" height="31.4"/>

<text transform="matrix(1 0 0 1 190.9377 248.0497)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">16</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="17">

<rect x="148.5" y="236.9" width="31.3" height="31.4"/>

<text transform="matrix(1 0 0 1 158.6877 248.0499)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">17</tspan><tspan x="-4.5" y="12" class="st1 st2 st3">AFR</tspan></text>

</g>

<g id="47">

<rect x="279.3" y="216.9" width="31.3" height="35.3"/>

<text transform="matrix(1 0 0 1 289.238 234.7997)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">47</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="48">

<rect x="279.3" y="180.4" width="31.3" height="35.4"/>

<text transform="matrix(1 0 0 1 289.2379 196.9498)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">48</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="50">

<rect x="312.6" y="138.1" width="31.8" height="28.6"/>

<text transform="matrix(1.0295 0 0 1 321.1997 152.35)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">50</tspan><tspan x="-7" y="12" class="st1 st2 st3">Math</tspan></text>

</g>

<g id="59">

<rect x="543.5" y="126.8" width="31.4" height="31.3"/>

<text transform="matrix(1.0295 0 0 1 552.6497 141.7502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">59</tspan><tspan x="-2.1" y="12" class="st1 st2 st3">Div</tspan></text>

</g>

<g id="60">

<rect x="576.1" y="126.8" width="31.3" height="31.3"/>

<text transform="matrix(1.0295 0 0 1 585.1997 141.7502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">60</tspan><tspan x="-2.5" y="12" class="st1 st2 st3">Fre</tspan></text>

</g>

<g id="61">

<rect x="608.6" y="126.8" width="26.9" height="31.3"/>

<text transform="matrix(1.0295 0 0 1 615.4997 141.7502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">61</tspan><tspan x="-2.5" y="12" class="st1 st2 st3">Fre</tspan></text>

</g>

<g id="MusGrn">

<rect x="763.2" y="126.8" width="41.1" height="30"/>

<text transform="matrix(1.0295 0 0 1 771.2577 135.9502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">GRN</tspan><tspan x="1.2" y="12" class="st1 st2 st3">Mus</tspan></text>

</g>

<g id="Dun">

<rect x="763.2" y="90" width="41.1" height="37"/>

<text transform="matrix(1.0295 0 0 1 766.6678 105.6502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">DUNG</tspan><tspan x="7.2" y="12" class="st1 st2 st3">Dra</tspan></text>

</g>

<g id="70">

<rect x="660.3" y="88.9" width="31" height="35.8"/>

<path class="st6" d="M49.9-53.8"/>

<text transform="matrix(1.0295 0 0 1 669.2997 107.9502)" class="st0"><tspan x="0" y="0" class="st1 st2 st3">70</tspan><tspan x="-3" y="12" class="st1 st2 st3">Dra</tspan></text>

</g>

<g id="Other">

<polygon class="st0" points="49.9,180.4 50,257 82.7,258 82.7,237.9 114.9,237.7 114.5,180.6 "/>

<polygon class="st0" points="660.4,129.8 660.3,157.7 762,156.7 762,156.7 762,89.9 762,89.9 693.1,88.9 693.1,88.9 693.1,127 660.8,127 "/>

<rect class="st0" x="410.4" y="108" width="99" height="25"/>

<rect class="st0" x="476.7" y="135.8" width="33.5" height="31.4"/>

<rect class="st0" x="410.4" y="136" width="65.9" height="30.8"/>

<rect class="st0" x="378.3" y="135.8" width="31.4" height="31.4"/>

<rect class="st0" x="279.3" y="253.4" width="31.3" height="35.4"/>

<rect class="st0" x="279.7" y="138.1" width="31.8" height="28.6"/>

<rect class="st0" x="246.9" y="138.1" width="31.8" height="28.6"/>

<path class="st7" d="M106,333.7c0-8.1,5.4-14.7,12.1-14.7c4,0,8.1,0,12.1,0c0,4.9,0,9.8,0,14.7c0,8.1-5.4,14.7-12.1,14.7

S106,341.8,106,333.7z"/>

<path class="st7" d="M378.8,105.7c0,16.3-9.5,29.6-21.2,29.6s-21.2-13.3-21.2-29.6H347c0,10.5,4.7,19,10.6,19s10.6-8.5,10.6-19

H378.8z"/>

<path class="st1" d="M53,197.2c0-7,5.6-12.6,12.6-12.6c4.3,0,8.7-0.1,13-0.4c-0.3,4.3-0.4,8.7-0.4,13c0,7-5.6,12.6-12.6,12.6

S53,204.1,53,197.2z"/>

<path class="st7" d="M378.8,234.8c0-9.6,8.9-17.4,19.9-17.4s19.9,7.8,19.9,17.4c0,9.6-8.9,17.5-19.9,17.5

C387.7,252.2,378.8,244.4,378.8,234.8z"/>

<rect class="st0" x="510.3" y="102.5" width="32.8" height="88.3"/>

<rect class="st0" x="312" y="298.3" width="31.7" height="35.4"/>

<rect class="st0" x="378.5" y="298.3" width="31.7" height="35.4"/>

<rect class="st0" x="543" y="323" width="65.1" height="44.8"/>

<rect class="st0" x="633" y="312.2" width="62.4" height="45.4"/>

<rect class="st0" x="609" y="323" width="23" height="44.5"/>

<rect class="st0" x="476.4" y="237.4" width="32" height="29.8"/>

<rect class="st0" x="510.3" y="217.4" width="32.7" height="94.8"/>

<rect class="st0" x="436.4" y="301.3" width="35.4" height="35.4"/>

<rect class="st0" x="213.3" y="311.2" width="64.6" height="45.7"/>

<rect class="st0" x="180.8" y="322.7" width="31.5" height="35.4"/>

<rect class="st0" x="82.8" y="518.7" width="32.2" height="20.4"/>

<rect class="st0" x="115.6" y="518.7" width="32.8" height="20.4"/>

<rect class="st0" x="83.7" y="238.4" width="29.9" height="29.9"/>

<rect class="st0" x="507.8" y="486.3" width="35.1" height="32.7"/>

<rect class="st0" x="49.9" y="259.3" width="31.8" height="18.6"/>

<rect class="st0" x="375.9" y="520.5" width="33.2" height="29.1"/>

<rect class="st0" x="183.4" y="519.5" width="27.8" height="20.7"/>

<rect class="st0" x="410.7" y="486" width="31.8" height="43.1"/>

<rect class="st0" x="765" y="487" width="38.5" height="34.6"/>

<polygon class="st0" points="410.7,530.3 410.7,549.8 477.1,549.8 476.6,519.8 444.3,519.8 443.9,530.3 "/>

<rect class="st0" x="608.6" y="486.3" width="25.2" height="33.2"/>

<text transform="matrix(1 0 0 1 581.1875 230.05)" class="st5 st4">David Quad</text>

<text transform="matrix(1 0 0 1 78.1445 303.1496)" class="st5 st4">Stairs up to Hist</text>

<text transform="matrix(1 0 0 1 364.4485 205.7001)" class="st5 st4">Pelican Quad</text>

<text transform="matrix(1 0 0 1 325.0703 94.7001)" class="st5 st4">Amphitheatre</text>

<text transform="matrix(1 0 0 1 679.7334 146.5999)" class="st1 st5 st4">Big School</text>

<text transform="matrix(1 0 0 1 135.7852 493)" class="st5 st4">REA</text>

<text transform="matrix(1 0 0 1 150.3926 205.5999)" class="st5 st8">Matric Lawn</text>

<text transform="matrix(1 0 0 1 233.7581 336.6499)" class="st1 st2 st3">Nash</text>

<text transform="matrix(1 0 0 1 642.9623 334.5)" class="st1 st5 st3">Reception</text>

<text transform="matrix(1 0 0 1 512.5057 236.5499)" class="st0"><tspan x="0" y="0" class="st1 st5 st3">Darr</tspan><tspan x="1.1" y="12" class="st1 st5 st3">Hall</tspan></text>

<g id="68">

<rect class="st0" x="726.9" y="227.8" width="38.2" height="29.2"/>

</g>

<g id="34">

<rect class="st0" x="180.8" y="88" width="31.8" height="38.2"/>

</g>

</g>

</g>

</svg>

</div>

</div>

<!-- Query Form -->

<div class = "top-query-form" id="container-query">

<center><h3>Query Form</h3></center>

<form class="form-inline" action="query" autocomplete="off">

<label>Field</label>

<select name="field">

<option value = "staffName">Staff Name</option>

<option value = "activity">Venue</option>

<!--<option value = "date">Date</option>-->

</select>

<label>Function</label>

<select name="function" >

<option value = "=" >Contains</option>

</select>

<label>Parameters</label>

<input type="text" name="text">

<label><button class="Tick\_Submit"><input id="hidden" type="submit" name = "query" value=""><span></button></label>

</form>

</div>

<!-- Booking Form -->

<div class = "right-booking-form" id="conainer-booking">

<form action="BookingControl" method="post" autocomplete="on">

<h3>Booking Form</h3>

<h4>Venue:</h4>

<br>

<select name="venue">

<option value="-1">Select venue</option> <!-- Creates SQL Query then reads through all results and outputs sufficient amount of <options> while records still remain -->

<%

String Query1 = "SELECT \* FROM tblVenues";

DbConnection dbconn=new DbConnection();

try{

Connection myconnection = dbconn.Connection();

Statement stm = myconnection.createStatement();

ResultSet rs = stm.executeQuery(Query1);

while(rs.next()){

%>

<option value = "<%=rs.getInt("VenueID")%>"><%=rs.getString("Name")%></option>

<%

}

}catch(Exception ex){ //Prints out the error

ex.printStackTrace();

out.print("Error "+ex.getMessage());

}

%>

</select>

<h4>Activity:</h4>

<br>

<select name="activity">

<option value="-1">Select activity</option> <!-- Creates SQL Query then reads through all results and outputs sufficient amount of <options> while records still remain -->

<%

String Query2 = "SELECT \* FROM tblActivities";

try{

Connection myconnection = dbconn.Connection();

Statement stm = myconnection.createStatement();

ResultSet rs = stm.executeQuery(Query2);

while(rs.next()){

%>

<option value = "<%=rs.getInt("ActivityID")%>"><%=rs.getString("Activity")%></option>

<%

}

}catch(Exception ex){ //Prints out the error

ex.printStackTrace();

out.print("Error "+ex.getMessage());

}

%>

</select>

<h4>Week:</h4>

<input type="radio" name="week" value="Blue" id="radio-one2" class="form-radio2" checked><label for="radio-one">Blue</label>

<input type="radio" name="week" value="Maroon" id="radio-one1" class="form-radio1"><label for="radio-one">Maroon</label>

<h4>Day:</h4>

<br>

<select name="day">

<option value = "Monday">Monday</option>

<option value = "Tuesday">Tuesday</option>

<option value = "Wednesday">Wednesday</option>

<option value = "Thursday">Thursday</option>

<option value = "Friday">Friday</option>

</select>

<h4>Period:</h4>

<br>

<select name="period">

<option value = "0">Period 0</option>

<option value = "1">Period 1</option>

<option value = "2">Period 2</option>

<option value = "3">Period 3</option>

<option value = "4">Period 4</option>

<option value = "5">Period 5</option>

<option value = "6">Period 6</option>

<option value = "7">Period 7</option>

<option value = "8">Period 8</option>

<option value = "9">Period 9</option>

</select>

<h4>Staff Name:</h4>

<input type="text" name="staffName" value="">

<h4>Date:</h4>

<input type="date" name="date" value="yyyy-MM-dd" min="2019-01-01">

<br><br>

<input class="Submit" type="submit" value="Submit">

</form>

</div>

<!-- Update button -->

<div class = "refresh-button">

<form class="form-inline" action="refresh" autocomplete="off">

<label>Refresh</label>

<label><button class="Tick\_Refresh"><input id="hidden" type="submit" name = "button" value=""><span></button></label>

</form>

</div>

<!-- Table displays same data as map, but in a table form -->

<div class = "left-results" id="conainer-results">

<form method="post">

<table border="2">

<tr>

<td><b>Time</td>

<td><b>StaffName</td>

<td><b>Venue</td>

</tr>

<%

try

{

String query="SELECT strftime('%H:%M', time('now','+2 hours'))as 'Time', Surname as StaffName, venue\n" +

"FROM tblTimeTablesLocation\n" +

"LEFT JOIN tblStaff on tblStaff.StaffID=tblTimeTablesLocation.StaffID,\n" +

"(SELECT PeriodName FROM tblTimings\n" +

"WHERE time('now','+2 hours') BETWEEN StartTime and EndTime\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now')))subquery1\n" +

"WHERE period = PeriodName\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now'))";

Connection myconnection = dbconn.Connection();

Statement stm = myconnection.createStatement();

ResultSet rs=stm.executeQuery(query);

while(rs.next())

{

%>

<tr>

<td><%=rs.getString("Time") %></td>

<td><%=rs.getString("StaffName") %></td>

<td><%=rs.getString("venue") %></td>

</tr>

<%

}

%>

</table>

<%

rs.close();

stm.close();

myconnection.close();

}

catch(Exception ex)

{

ex.printStackTrace();

out.print("Error "+ex.getMessage());

}

%>

</form>

</div>

<!-- Footer displays the users name and email, details are taken from their google login -->

<footer>

<center>

<div class="bottom-left-info">

<p id="gmail"></p>

</div>

<div class="bottom-right-help">

<a href="img/MainPageActual\_Help(V1).png" target="\_blank"><p src="img/SJCfavicon.png" title="Need Help?"><font size = 4 color = #e2e519>Help?</font></p></a>

</div>

</center>

</footer>

</body>

</html>

/\*

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\* and open the template in the editor.

\*/

package beans;

import database.DbConnection;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

/\*\*

\*

\* @author Gordon Fleming

\*/

public class ConQuery {

DbConnection dbconn = new DbConnection();

//The String SQL variable holds the query of the SQL statement to be processed on the users request

//The query uses current time and uses a subquery with a 'join' to fetch the relevant information

private static final String SQL = "SELECT strftime('%H:%M', time('now','+2 hours'))as 'Time', Surname as StaffName, venue\n" +

"FROM tblTimeTablesLocation\n" +

"LEFT JOIN tblStaff on tblStaff.StaffID=tblTimeTablesLocation.StaffID,\n" +

"(SELECT PeriodName FROM tblTimings\n" +

"WHERE time('now','+2 hours') BETWEEN StartTime and EndTime\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now')))subquery1\n" +

"WHERE period = PeriodName\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now'))";

Connection con = null;

PreparedStatement pst=null;

ResultSet resultSet=null;

public ResultSet getResultSet(){ //Connects, prepares and executes the query to the connected database

try{

con = dbconn.Connection();

pst = con.prepareStatement(SQL);

resultSet = pst.executeQuery();

}catch(Exception ex){

System.out.println("Whoops");

ex.printStackTrace();

}

return resultSet;

}

}

/\*

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\* and open the template in the editor.

\*/

package beans;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.List;

import org.json.JSONObject;

/\*\*

\*

\* @author Gordon Fleming

\*/

public class JsonServices { //adapted from https://www.youtube.com/watch?v=1OQAkbpyt8Y

public static List<JSONObject>getFormattedResult(ResultSet rs) throws SQLException{

List<JSONObject> resList = new ArrayList<JSONObject>();

try{

//gets all the column names

ResultSetMetaData rsMeta = rs.getMetaData();

//uses the connected JSON library, to be able to it's pre-constructed methods

int columnCnt = rsMeta.getColumnCount();

List<String> columnNames = new ArrayList <String>();

//loops to get all column names

for(int i=1;i<=columnCnt;i++){

//adds all retrieved column names to List object

columnNames.add(rsMeta.getColumnName(i).toUpperCase());

}

while(rs.next()){

//convert each object to a readable JSON object

JSONObject obj = new JSONObject();

for(int i=1;i<=columnCnt;i++){

String key = columnNames.get(i-1);

String value = rs.getString(i);

obj.put(key, value);

}

resList.add(obj);

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

rs.close();

}catch(SQLException ex){

ex.printStackTrace();

}

}

return resList;

}

}

package beans;

import database.DbConnection;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.io.PrintWriter;

import static java.lang.System.out;

import java.sql.Connection;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author 24740

\*/

public class Query extends HttpServlet{

public void doGet(HttpServletRequest req, HttpServletResponse res) throws FileNotFoundException, ServletException, IOException {

try {

String html =

"<html>\n" +

" <head> \n" +

" <meta http-equiv=\"Content-Type\" content=\"text/html; charset=ISO-8859-1\"> \n" +

" <link rel=\"shortcut icon\" type=\"image/ico\" href=\"img/favicon.ico\"> <!-- Links the favicon -->\n" +

" <link rel=\"stylesheet\" type=\"text/css\" href=\"StyleSheet.css\" /> <!-- Links CSS file -->\n" +

" <link rel=\"stylesheet\" type=\"text/css\" href=\"Map.css\" /> <!-- Links CSS file -->\n" +

" <title>See Everything Main Page | St John's</title>\n" +

" <script src=\"https://apis.google.com/js/platform.js\" async defer></script> <!-- Links google javascript file -->\n" +

" <script src=\"https://code.jquery.com/jquery-3.4.1.min.js\" integrity=\"sha256-CSXorXvZcTkaix6Yvo6HppcZGetbYMGWSFlBw8HfCJo=\" crossorigin=\"anonymous\"></script> <!-- Links jquery library file -->\n" +

" <script type=\"text/javascript\" src=\"StJohnsMap.js\"></script> <!-- Links javascript file -->\n" +

" <script type=\"text/javascript\" src=\"\\See-Everything\\JSON.js\"></script> <!-- Links javascript file -->\n" +

" \n" +

" <meta name=\"google-signin-client\_id\" content=\"1056145859345-trlkgoivq1slfk4kmjbvpo0vgfuj85il.apps.googleusercontent.com\">\n" +

" <script type=\"text/javascript\">\n" +

" function SignedIn(googleUser) { /\* Fetches user data from google \*/\n" +

" var profile = googleUser.getBasicProfile();\n" +

" var imagurl=profile.getImageUrl();\n" +

" var name=profile.getName();\n" +

" var email=profile.getEmail();\n" +

" document.getElementById(\"myImg\").src = imagurl;\n" +

" document.getElementById(\"gname\").innerHTML = name; \n" +

" document.getElementById(\"gmail\").innerHTML = email;\n" +

" }\n" +

" </script>\n" +

" <script>\n" +

" function myFunction() { /\* Signs out \*/\n" +

" gapi.auth2.getAuthInstance().disconnect();\n" +

" location.reload(true); /\* Reloads to sign out the user \*/\n" +

" location.replace(\"http://localhost:8080/See-Everything/\"); /\* Redirects to login page \*/\n" +

" }\n" +

" </script>\n" +

" </head>\n" +

" <body>\n" +

" \n" +

" <! -- Other -->\n" +

" \n" +

" <header><h2 align=\"center\" ><font face=\"Arial\" color=\"white\">&ensp;&ensp;See Everything | St John's College</font></h2></header>\n" +

" <div id = \"hidden\"> <!-- Hides the sign in button -->\n" +

" <div class=\"g-signin2\" data-onsuccess=\"SignedIn\"></div> \n" +

" </div>\n" +

" <div class=\"top-left-GSignOut\"> <!-- Displays the sign out button -->\n" +

" <button class=\"button\" onclick=\"myFunction()\"><span>Sign Out</button> \n" +

" </div>\n" +

" <div class = \"profile-details\"> <!-- Displays the Users details -->\n" +

" <img id=\"myImg\" style=\"width:70px;height:70px;\">\n" +

" <br> \n" +

" <p id=\"gname\"></p> \n" +

" </div>\n" +

" <div class=\"center\"> <!-- Centres the map -->\n" +

" <div class=\"map\"> <!-- Styles the map. Displays the SVG map. Styles all other venues differently. Each classroom is a separate object contained within <g> tags -->\n" +

" <svg version=\"1.1\" id=\"St\_John\_x27\_s\" xmlns=\"http://www.w3.org/2000/svg\" xmlns:xlink=\"http://www.w3.org/1999/xlink\" x=\"0px\" \n" +

" y=\"0px\" width=\"850px\" height=\"500px\" viewBox=\"0 0 841.68 595.2\" style=\"enable-background:new 0 0 841.68 595.2;\"\n" +

" xml:space=\"preserve\">\n" +

" <style type=\"text/css\">\n" +

" .st0{fill:white;stroke:#000000} \n" +

" .st1{fill:grey;stroke:#000000}\n" +

" .st2{font-family:'Calibri';}\n" +

" .st3{font-size:10px;}\n" +

" .st4{font-size:12px;}\n" +

" .st5{font-family:'Calibri';}\n" +

" .st6{fill:white;stroke:#000000;stroke-miterlimit:10;}\n" +

" .st7{fill:none;stroke:#000000;stroke-width:2;stroke-linejoin:round;stroke-miterlimit:10;}\n" +

" .st8{font-size:11px;}\n" +

" </style>\n" +

" <g id=\"36\"> \n" +

" <rect x=\"115.5\" y=\"88\" width=\"31.8\" height=\"38.2\"/>\n" +

" <text transform=\"matrix(1 0 0 1 124.9877 105.6497)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">36</tspan><tspan x=\"-4.3\" y=\"12\" class=\"st1 st2 st3\">ART</tspan></text>\n" +

" </g>\n" +

" <g id=\"C6\">\n" +

" <rect x=\"765\" y=\"523.2\" width=\"38.5\" height=\"34.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 779.093 538.8501)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">C6</tspan><tspan x=\"-2.2\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"C2\">\n" +

" <rect x=\"765\" y=\"451\" width=\"38.5\" height=\"34.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 776.743 464.5501)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">C2</tspan><tspan x=\"-2.2\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"C1\">\n" +

" <rect x=\"694.8\" y=\"485\" width=\"32.7\" height=\"34.9\"/>\n" +

" <text transform=\"matrix(1 0 0 1 704.1431 498.2003)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">C1</tspan><tspan x=\"-2.2\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"P1\">\n" +

" <rect x=\"659.5\" y=\"485\" width=\"32.7\" height=\"34.9\"/>\n" +

" <text transform=\"matrix(1 0 0 1 669.2544 498.2001)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">P1</tspan><tspan x=\"-2.7\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"P6\">\n" +

" <rect x=\"608.6\" y=\"520.2\" width=\"25.2\" height=\"29.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 615.5043 529.8001)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">P6</tspan><tspan x=\"-2.7\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"P2\">\n" +

" <rect x=\"608.6\" y=\"451\" width=\"25.2\" height=\"34.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 615.5044 464.5502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">P2</tspan><tspan x=\"-2.7\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"B9\">\n" +

" <rect x=\"507.8\" y=\"520.2\" width=\"35.2\" height=\"28.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 518.3419 528.8502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B9</tspan><tspan x=\"-2.9\" y=\"12\" class=\"st1 st2 st3\">BIO</tspan></text>\n" +

" </g>\n" +

" <g id=\"B7\">\n" +

" <rect x=\"444.1\" y=\"486\" width=\"33\" height=\"33\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 452.8419 497.7502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B7</tspan><tspan x=\"-2.9\" y=\"12\" class=\"st1 st2 st3\">BIO</tspan></text>\n" +

" </g>\n" +

" <g id=\"B4\">\n" +

" <rect x=\"507.8\" y=\"451\" width=\"35.2\" height=\"34\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 518.2919 468.3502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B4</tspan><tspan x=\"-2.9\" y=\"12\" class=\"st1 st2 st3\">BIO</tspan></text>\n" +

" </g>\n" +

" <g id=\"B10\">\n" +

" <rect x=\"312\" y=\"518\" width=\"31.5\" height=\"31.5\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 317.517 529.8003)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B10</tspan><tspan x=\"0.3\" y=\"12\" class=\"st1 st2 st3\">BIO</tspan></text>\n" +

" </g>\n" +

" <g id=\"B13\">\n" +

" <rect x=\"312\" y=\"497.8\" width=\"31.5\" height=\"18.7\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 317.5169 510.4501)\" class=\"st1 st2 st3\">B13</text>\n" +

" </g>\n" +

" <g id=\"B14\">\n" +

" <rect x=\"375.8\" y=\"486\" width=\"33.5\" height=\"33.5\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 382.167 497.7502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B14</tspan><tspan x=\"0.8\" y=\"12\" class=\"st1 st2 st3\">SCI</tspan></text>\n" +

" </g>\n" +

" <g id=\"B15\">\n" +

" <rect x=\"311.9\" y=\"464.5\" width=\"31.7\" height=\"31.7\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 317.417 478.4006)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B15</tspan><tspan x=\"4.7\" y=\"12\" class=\"st1 st2 st3\">IT</tspan></text>\n" +

" </g>\n" +

" <g id=\"B16\">\n" +

" <rect x=\"312\" y=\"427.5\" width=\"31.5\" height=\"35.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 317.417 444.2502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">B16</tspan><tspan x=\"4.7\" y=\"12\" class=\"st1 st2 st3\">IT</tspan></text>\n" +

" </g>\n" +

" <g id=\"REB\">\n" +

" <rect x=\"246.9\" y=\"491.2\" width=\"31.6\" height=\"26.5\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 251.3837 507.5)\" class=\"st1 st2 st3\">REB</text>\n" +

" </g>\n" +

" <g id=\"E9\">\n" +

" <rect x=\"83.9\" y=\"428\" width=\"31.8\" height=\"22.9\"/>\n" +

" <text transform=\"matrix(1 0 0 1 90.7026 444.2504)\" class=\"st1 st2 st4\">E9</text>\n" +

" </g>\n" +

" <g id=\"E8\">\n" +

" <rect x=\"117.5\" y=\"427.8\" width=\"32.3\" height=\"35.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 125.4529 451.0502)\" class=\"st1 st2 st4\">E8</text>\n" +

" </g>\n" +

" <g id=\"E7\">\n" +

" <rect x=\"151.6\" y=\"428\" width=\"31.8\" height=\"35.3\"/>\n" +

" <text transform=\"matrix(1 0 0 1 159.3026 450.8504)\" class=\"st1 st2 st4\">E7</text>\n" +

" </g>\n" +

" <g id=\"E6\">\n" +

" <rect x=\"149.4\" y=\"518.7\" width=\"31.3\" height=\"20.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 159.3026 533.7004)\" class=\"st1 st2 st4\">E6</text>\n" +

" </g>\n" +

" <g id=\"E5\">\n" +

" <rect x=\"212.6\" y=\"517.5\" width=\"32.9\" height=\"22.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 221.5026 533.7004)\" class=\"st1 st2 st4\">E5</text>\n" +

" </g>\n" +

" <g id=\"E4\">\n" +

" <rect x=\"212.6\" y=\"493.5\" width=\"32.9\" height=\"22.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 221.5026 510.4504)\" class=\"st1 st2 st4\">E4</text>\n" +

" </g>\n" +

" <g id=\"E3\">\n" +

" <rect x=\"212.6\" y=\"469.5\" width=\"32.9\" height=\"22.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 221.5026 484.9504)\" class=\"st1 st2 st4\">E3</text>\n" +

" </g>\n" +

" <g id=\"E2\">\n" +

" <rect x=\"212.6\" y=\"445.7\" width=\"32.9\" height=\"22.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 221.5026 460.4504)\" class=\"st1 st2 st4\">E2</text>\n" +

" </g>\n" +

" <g id=\"E1\">\n" +

" <rect x=\"212.6\" y=\"421.7\" width=\"32.9\" height=\"22.6\"/>\n" +

" <text transform=\"matrix(1 0 0 1 221.5026 434.9504)\" class=\"st1 st2 st4\">E1</text>\n" +

" </g>\n" +

" <g id=\"G4\">\n" +

" <rect x=\"49.3\" y=\"435\" width=\"32.8\" height=\"24.5\"/>\n" +

" <text transform=\"matrix(1 0 0 1 57.0895 451.05)\" class=\"st1 st2 st4\">G4</text>\n" +

" </g>\n" +

" <g id=\"G3\">\n" +

" <rect x=\"49.3\" y=\"460.5\" width=\"32.8\" height=\"24.5\"/> \n" +

" <text transform=\"matrix(1 0 0 1 57.0896 478.4005)\" class=\"st1 st2 st4\">G3</text>\n" +

" </g>\n" +

" <g id=\"G2\">\n" +

" <rect x=\"49.4\" y=\"486\" width=\"32.8\" height=\"24.5\"/>\n" +

" <text transform=\"matrix(1 0 0 1 57.0897 502.4501)\" class=\"st1 st2 st4\">G2</text>\n" +

" </g>\n" +

" <g id=\"G1\">\n" +

" <rect x=\"49.3\" y=\"511.3\" width=\"32.8\" height=\"27.5\"/>\n" +

" <text transform=\"matrix(1 0 0 1 57.0897 528.85)\" class=\"st1 st2 st4\">G1</text>\n" +

" </g>\n" +

" <g id=\"His12B\">\n" +

" <path class=\"st6\" d=\"M-5.5-31.6\"/>\n" +

" <rect x=\"50\" y=\"368.7\" width=\"31.7\" height=\"28.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 55.8135 378.2505)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">12B</tspan><tspan x=\"-0.5\" y=\"12\" class=\"st1 st2 st3\">Hist</tspan></text>\n" +

" </g>\n" +

" <g id=\"His12\">\n" +

" <rect x=\"50\" y=\"322.5\" width=\"31.7\" height=\"44.9\"/>\n" +

" <text transform=\"matrix(1 0 0 1 59.3378 340.3503)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">12</tspan><tspan x=\"-4.2\" y=\"12\" class=\"st1 st2 st3\">Hist</tspan></text>\n" +

" </g>\n" +

" <g id=\"His9\">\n" +

" <rect x=\"82.8\" y=\"378.3\" width=\"31.7\" height=\"28.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 95.4691 388.2505)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">9</tspan><tspan x=\"-7.4\" y=\"12\" class=\"st1 st2 st3\">Hist</tspan></text>\n" +

" </g>\n" +

" <g id=\"His8\">\n" +

" <rect x=\"115.5\" y=\"378.3\" width=\"31.7\" height=\"28.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 128.819 388.2502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">8</tspan><tspan x=\"-7.4\" y=\"12\" class=\"st1 st2 st3\">Hist</tspan></text>\n" +

" </g>\n" +

" <g id=\"His7\">\n" +

" <rect x=\"180.7\" y=\"368.7\" width=\"31.7\" height=\"28.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 194.1183 378.2502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">7</tspan><tspan x=\"-7.4\" y=\"12\" class=\"st1 st2 st3\">Hist</tspan></text>\n" +

" </g>\n" +

" <g id=\"44\">\n" +

" <rect x=\"278.5\" y=\"311.3\" width=\"32.9\" height=\"45.9\"/>\n" +

" <text transform=\"matrix(1 0 0 1 289.2382 329.0497)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">44</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"39\">\n" +

" <rect x=\"472.5\" y=\"301.3\" width=\"35.4\" height=\"35.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 483.8376 315.9499)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">39</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"42\">\n" +

" <rect x=\"344.9\" y=\"298.3\" width=\"31.7\" height=\"35.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 354.3876 312.15)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">42</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"64\">\n" +

" <rect x=\"767\" y=\"227.8\" width=\"38.2\" height=\"29.2\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 779.5497 238.4506)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">64</tspan><tspan x=\"-3\" y=\"12\" class=\"st1 st2 st3\">Ger</tspan></text>\n" +

" </g>\n" +

" <g id=\"65\">\n" +

" <rect x=\"686.7\" y=\"258\" width=\"38.2\" height=\"29.2\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 699.2498 268.5502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">65</tspan><tspan x=\"-1.9\" y=\"12\" class=\"st1 st2 st3\">Zul</tspan></text>\n" +

" </g>\n" +

" <g id=\"66\">\n" +

" <rect x=\"726.9\" y=\"258\" width=\"38.2\" height=\"29.2\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 739.4497 267.9502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">66</tspan><tspan x=\"-1.9\" y=\"12\" class=\"st1 st2 st3\">Zul</tspan></text>\n" +

" </g>\n" +

" <g id=\"67\">\n" +

" <rect x=\"767\" y=\"258\" width=\"38.2\" height=\"29.2\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 779.5497 268.5504)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">67</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"69\">\n" +

" <rect x=\"686.7\" y=\"227.8\" width=\"38.2\" height=\"29.2\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 699.2498 238.4502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">69</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"28\">\n" +

" <rect x=\"78.6\" y=\"111.8\" width=\"32.1\" height=\"36\"/>\n" +

" <text transform=\"matrix(1 0 0 1 88.2876 129.7501)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">28</tspan><tspan x=\"-4.5\" y=\"12\" class=\"st1 st2 st3\">AFR</tspan></text>\n" +

" </g>\n" +

" <g id=\"29\">\n" +

" <rect x=\"115.5\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 125.4497 148.1272)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">29</tspan><tspan x=\"-4.5\" y=\"12\" class=\"st1 st2 st3\">AFR</tspan></text>\n" +

" </g>\n" +

" <g id=\"30\">\n" +

" <rect x=\"148.3\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 157.5997 148.1272)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">30</tspan><tspan x=\"-4.5\" y=\"12\" class=\"st1 st2 st3\">AFR</tspan></text>\n" +

" </g>\n" +

" <g id=\"31\">\n" +

" <rect x=\"181\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 189.9997 148.1272)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">31</tspan><tspan x=\"-4.5\" y=\"12\" class=\"st1 st2 st3\">AFR</tspan></text>\n" +

" </g>\n" +

" <g id=\"32\">\n" +

" <rect x=\"213.8\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 222.4997 148.1272)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">32</tspan><tspan x=\"-4.5\" y=\"12\" class=\"st1 st2 st3\">AFR</tspan></text>\n" +

" </g>\n" +

" <g id=\"33\">\n" +

" <rect x=\"213.8\" y=\"88\" width=\"31.8\" height=\"38.2\"/>\n" +

" <text transform=\"matrix(1 0 0 1 223.3376 105.6497)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">33</tspan><tspan x=\"-4.3\" y=\"12\" class=\"st1 st2 st3\">ART</tspan></text>\n" +

" </g>\n" +

" <g id=\"35\">\n" +

" <rect x=\"148.3\" y=\"88\" width=\"31.8\" height=\"38.2\"/>\n" +

" <text transform=\"matrix(1 0 0 1 157.788 105.6498)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">35</tspan><tspan x=\"-4.3\" y=\"12\" class=\"st1 st2 st3\">ART</tspan></text>\n" +

" </g>\n" +

" <g id=\"14\">\n" +

" <rect x=\"246.5\" y=\"236.6\" width=\"31.4\" height=\"31.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 256.4377 248.0497)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">14</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"15\">\n" +

" <rect x=\"213.4\" y=\"236.9\" width=\"31.4\" height=\"31.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 223.3377 248.0497)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">15</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"16\">\n" +

" <rect x=\"181\" y=\"236.9\" width=\"31.4\" height=\"31.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 190.9377 248.0497)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">16</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"17\">\n" +

" <rect x=\"148.5\" y=\"236.9\" width=\"31.3\" height=\"31.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 158.6877 248.0499)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">17</tspan><tspan x=\"-4.5\" y=\"12\" class=\"st1 st2 st3\">AFR</tspan></text>\n" +

" </g>\n" +

" <g id=\"47\">\n" +

" <rect x=\"279.3\" y=\"216.9\" width=\"31.3\" height=\"35.3\"/>\n" +

" <text transform=\"matrix(1 0 0 1 289.238 234.7997)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">47</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"48\">\n" +

" <rect x=\"279.3\" y=\"180.4\" width=\"31.3\" height=\"35.4\"/>\n" +

" <text transform=\"matrix(1 0 0 1 289.2379 196.9498)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">48</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"50\">\n" +

" <rect x=\"312.6\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 321.1997 152.35)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">50</tspan><tspan x=\"-7\" y=\"12\" class=\"st1 st2 st3\">Math</tspan></text>\n" +

" </g>\n" +

" <g id=\"59\">\n" +

" <rect x=\"543.5\" y=\"126.8\" width=\"31.4\" height=\"31.3\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 552.6497 141.7502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">59</tspan><tspan x=\"-2.1\" y=\"12\" class=\"st1 st2 st3\">Div</tspan></text>\n" +

" </g>\n" +

" <g id=\"60\">\n" +

" <rect x=\"576.1\" y=\"126.8\" width=\"31.3\" height=\"31.3\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 585.1997 141.7502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">60</tspan><tspan x=\"-2.5\" y=\"12\" class=\"st1 st2 st3\">Fre</tspan></text>\n" +

" </g>\n" +

" <g id=\"61\">\n" +

" <rect x=\"608.6\" y=\"126.8\" width=\"26.9\" height=\"31.3\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 615.4997 141.7502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">61</tspan><tspan x=\"-2.5\" y=\"12\" class=\"st1 st2 st3\">Fre</tspan></text>\n" +

" </g>\n" +

" <g id=\"MusGrn\">\n" +

" <rect x=\"763.2\" y=\"126.8\" width=\"41.1\" height=\"30\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 771.2577 135.9502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">GRN</tspan><tspan x=\"1.2\" y=\"12\" class=\"st1 st2 st3\">Mus</tspan></text>\n" +

" </g>\n" +

" <g id=\"Dun\">\n" +

" <rect x=\"763.2\" y=\"90\" width=\"41.1\" height=\"37\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 766.6678 105.6502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">DUNG</tspan><tspan x=\"7.2\" y=\"12\" class=\"st1 st2 st3\">Dra</tspan></text>\n" +

" </g>\n" +

" <g id=\"70\">\n" +

" <rect x=\"660.3\" y=\"88.9\" width=\"31\" height=\"35.8\"/>\n" +

" <path class=\"st6\" d=\"M49.9-53.8\"/>\n" +

" <text transform=\"matrix(1.0295 0 0 1 669.2997 107.9502)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st2 st3\">70</tspan><tspan x=\"-3\" y=\"12\" class=\"st1 st2 st3\">Dra</tspan></text>\n" +

" </g>\n" +

" <g id=\"Other\">\n" +

" <polygon class=\"st0\" points=\"49.9,180.4 50,257 82.7,258 82.7,237.9 114.9,237.7 114.5,180.6 \"/>\n" +

" <polygon class=\"st0\" points=\"660.4,129.8 660.3,157.7 762,156.7 762,156.7 762,89.9 762,89.9 693.1,88.9 693.1,88.9 693.1,127 660.8,127 \"/>\n" +

" <rect class=\"st0\" x=\"410.4\" y=\"108\" width=\"99\" height=\"25\"/>\n" +

" <rect class=\"st0\" x=\"476.7\" y=\"135.8\" width=\"33.5\" height=\"31.4\"/>\n" +

" <rect class=\"st0\" x=\"410.4\" y=\"136\" width=\"65.9\" height=\"30.8\"/>\n" +

" <rect class=\"st0\" x=\"378.3\" y=\"135.8\" width=\"31.4\" height=\"31.4\"/>\n" +

" <rect class=\"st0\" x=\"279.3\" y=\"253.4\" width=\"31.3\" height=\"35.4\"/>\n" +

" <rect class=\"st0\" x=\"279.7\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <rect class=\"st0\" x=\"246.9\" y=\"138.1\" width=\"31.8\" height=\"28.6\"/>\n" +

" <path class=\"st7\" d=\"M106,333.7c0-8.1,5.4-14.7,12.1-14.7c4,0,8.1,0,12.1,0c0,4.9,0,9.8,0,14.7c0,8.1-5.4,14.7-12.1,14.7\n" +

" S106,341.8,106,333.7z\"/>\n" +

" <path class=\"st7\" d=\"M378.8,105.7c0,16.3-9.5,29.6-21.2,29.6s-21.2-13.3-21.2-29.6H347c0,10.5,4.7,19,10.6,19s10.6-8.5,10.6-19\n" +

" H378.8z\"/>\n" +

" <path class=\"st1\" d=\"M53,197.2c0-7,5.6-12.6,12.6-12.6c4.3,0,8.7-0.1,13-0.4c-0.3,4.3-0.4,8.7-0.4,13c0,7-5.6,12.6-12.6,12.6\n" +

" S53,204.1,53,197.2z\"/>\n" +

" <path class=\"st7\" d=\"M378.8,234.8c0-9.6,8.9-17.4,19.9-17.4s19.9,7.8,19.9,17.4c0,9.6-8.9,17.5-19.9,17.5\n" +

" C387.7,252.2,378.8,244.4,378.8,234.8z\"/>\n" +

" <rect class=\"st0\" x=\"510.3\" y=\"102.5\" width=\"32.8\" height=\"88.3\"/>\n" +

" <rect class=\"st0\" x=\"312\" y=\"298.3\" width=\"31.7\" height=\"35.4\"/>\n" +

" <rect class=\"st0\" x=\"378.5\" y=\"298.3\" width=\"31.7\" height=\"35.4\"/>\n" +

" <rect class=\"st0\" x=\"543\" y=\"323\" width=\"65.1\" height=\"44.8\"/>\n" +

" <rect class=\"st0\" x=\"633\" y=\"312.2\" width=\"62.4\" height=\"45.4\"/>\n" +

" <rect class=\"st0\" x=\"609\" y=\"323\" width=\"23\" height=\"44.5\"/>\n" +

" <rect class=\"st0\" x=\"476.4\" y=\"237.4\" width=\"32\" height=\"29.8\"/>\n" +

" <rect class=\"st0\" x=\"510.3\" y=\"217.4\" width=\"32.7\" height=\"94.8\"/>\n" +

" <rect class=\"st0\" x=\"436.4\" y=\"301.3\" width=\"35.4\" height=\"35.4\"/>\n" +

" <rect class=\"st0\" x=\"213.3\" y=\"311.2\" width=\"64.6\" height=\"45.7\"/>\n" +

" <rect class=\"st0\" x=\"180.8\" y=\"322.7\" width=\"31.5\" height=\"35.4\"/>\n" +

" <rect class=\"st0\" x=\"82.8\" y=\"518.7\" width=\"32.2\" height=\"20.4\"/>\n" +

" <rect class=\"st0\" x=\"115.6\" y=\"518.7\" width=\"32.8\" height=\"20.4\"/>\n" +

" <rect class=\"st0\" x=\"83.7\" y=\"238.4\" width=\"29.9\" height=\"29.9\"/>\n" +

" <rect class=\"st0\" x=\"507.8\" y=\"486.3\" width=\"35.1\" height=\"32.7\"/>\n" +

" <rect class=\"st0\" x=\"49.9\" y=\"259.3\" width=\"31.8\" height=\"18.6\"/>\n" +

" <rect class=\"st0\" x=\"375.9\" y=\"520.5\" width=\"33.2\" height=\"29.1\"/>\n" +

" <rect class=\"st0\" x=\"183.4\" y=\"519.5\" width=\"27.8\" height=\"20.7\"/>\n" +

" <rect class=\"st0\" x=\"410.7\" y=\"486\" width=\"31.8\" height=\"43.1\"/>\n" +

" <rect class=\"st0\" x=\"765\" y=\"487\" width=\"38.5\" height=\"34.6\"/>\n" +

" <polygon class=\"st0\" points=\"410.7,530.3 410.7,549.8 477.1,549.8 476.6,519.8 444.3,519.8 443.9,530.3 \"/>\n" +

" <rect class=\"st0\" x=\"608.6\" y=\"486.3\" width=\"25.2\" height=\"33.2\"/>\n" +

" <text transform=\"matrix(1 0 0 1 581.1875 230.05)\" class=\"st5 st4\">David Quad</text>\n" +

" <text transform=\"matrix(1 0 0 1 78.1445 303.1496)\" class=\"st5 st4\">Stairs up to Hist</text>\n" +

" <text transform=\"matrix(1 0 0 1 364.4485 205.7001)\" class=\"st5 st4\">Pelican Quad</text>\n" +

" <text transform=\"matrix(1 0 0 1 325.0703 94.7001)\" class=\"st5 st4\">Amphitheatre</text>\n" +

" <text transform=\"matrix(1 0 0 1 679.7334 146.5999)\" class=\"st1 st5 st4\">Big School</text>\n" +

" <text transform=\"matrix(1 0 0 1 135.7852 493)\" class=\"st5 st4\">REA</text>\n" +

" <text transform=\"matrix(1 0 0 1 150.3926 205.5999)\" class=\"st5 st8\">Matric Lawn</text>\n" +

" <text transform=\"matrix(1 0 0 1 233.7581 336.6499)\" class=\"st1 st2 st3\">Nash</text>\n" +

" <text transform=\"matrix(1 0 0 1 642.9623 334.5)\" class=\"st1 st5 st3\">Reception</text>\n" +

" <text transform=\"matrix(1 0 0 1 512.5057 236.5499)\" class=\"st0\"><tspan x=\"0\" y=\"0\" class=\"st1 st5 st3\">Darr</tspan><tspan x=\"1.1\" y=\"12\" class=\"st1 st5 st3\">Hall</tspan></text>\n" +

" <g id=\"68\">\n" +

" <rect class=\"st0\" x=\"726.9\" y=\"227.8\" width=\"38.2\" height=\"29.2\"/>\n" +

" </g>\n" +

" <g id=\"34\">\n" +

" <rect class=\"st0\" x=\"180.8\" y=\"88\" width=\"31.8\" height=\"38.2\"/>\n" +

" </g>\n" +

" </g>\n" +

" </g>\n" +

" </svg>\n" +

" </div>\n" +

" </div>\n" +

" <!-- Query Form -->\n" +

" \n" +"<div class = \"top-query-form\" id=\"container-query\">\n" +

" <center><h3>Query Form</h3></center>\n" +

" <form class=\"form-inline\" action=\"query\" autocomplete=\"off\">\n" +

" <label>Field</label>\n" +

" <select name=\"field\">\n" +

" <option value = \"staffName\">Staff Name</option> \n" +

" <option value = \"activity\">Venue</option>\n" +

" <!--<option value = \"date\">Date</option>-->\n" +

" </select>\n" +

" <label>Function</label>\n" +

" <select name=\"function\" >\n" +

" \n" +

" <option value = \"=\" >Contains</option>\n" +

" \n" +

" \n" +

" </select>\n" +

" <label>Parameters</label>\n" +

" \n" +

" <input type=\"text\" name=\"text\">\n" +

" <label><button class=\"Tick\_Submit\"><input id=\"hidden\" type=\"submit\" name = \"query\" value=\"\"><span></button></label>\n" +

" </form> \n" +

" </div>"+

" \n" +

" <!-- Booking Form -->\n" +

" \n" +

" <div class = \"right-booking-form\" id=\"conainer-booking\">\n" +

" <form action=\"BookingControl\" method=\"post\" autocomplete=\"on\">\n" +

" <h3>Booking Form</h3> \n";

html+= " <h4>Venue:</h4> \n" +

" <br>\n" +

" <select name=\"venue\">\n" +

" <option value=\"-1\">Select venue</option> <!-- Creates SQL Query then reads through all results and outputs sufficient amount of <options> while records still remain -->\n"+

" <option value = \"1\">Afrikaans 17</option>\n" +

" \n" +

" <option value = \"2\">Afrikaans 28</option>\n" +

" \n" +

" <option value = \"3\">Afrikaans 29</option>\n" +

" \n" +

" <option value = \"4\">Afrikaans 30</option>\n" +

" \n" +

" <option value = \"5\">Afrikaans 31</option>\n" +

" \n" +

" <option value = \"6\">Afrikaans 32</option>\n" +

" \n" +

" <option value = \"7\">Art 33</option>\n" +

" \n" +

" <option value = \"8\">Art 36</option>\n" +

" \n" +

" <option value = \"9\">Drama 70</option>\n" +

" \n" +

" <option value = \"10\">Drama Alternate</option>\n" +

" \n" +

" <option value = \"11\">Drama Dungeon</option>\n" +

" \n" +

" <option value = \"12\">English 1</option>\n" +

" \n" +

" <option value = \"13\">English 2</option>\n" +

" \n" +

" <option value = \"14\">English 3</option>\n" +

" \n" +

" <option value = \"15\">English 4</option>\n" +

" \n" +

" <option value = \"16\">English 5</option>\n" +

" \n" +

" <option value = \"17\">English 6</option>\n" +

" \n" +

" <option value = \"18\">English 7</option>\n" +

" \n" +

" <option value = \"19\">English 8</option>\n" +

" \n" +

" <option value = \"20\">FOE 13</option>\n" +

" \n" +

" <option value = \"21\">Geography 1</option>\n" +

" \n" +

" <option value = \"22\">Geography 2</option>\n" +

" \n" +

" <option value = \"23\">Geography 3</option>\n" +

" \n" +

" <option value = \"24\">Geography 4</option>\n" +

" \n" +

" <option value = \"25\">German 64</option>\n" +

" \n" +

" <option value = \"26\">History 7</option>\n" +

" \n" +

" <option value = \"27\">History 8</option>\n" +

" \n" +

" <option value = \"28\">History 9</option>\n" +

" \n" +

" <option value = \"29\">History 12</option>\n" +

" \n" +

" <option value = \"30\">History 12B</option>\n" +

" \n" +

" <option value = \"31\">Information Technology 15</option>\n" +

" \n" +

" <option value = \"32\">Information Technology 16</option>\n" +

" \n" +

" <option value = \"33\">Information Technology REB</option>\n" +

" \n" +

" <option value = \"34\">Latin 9</option>\n" +

" \n" +

" <option value = \"35\">Life Orientation 24</option>\n" +

" \n" +

" <option value = \"36\">Life Sciences 4</option>\n" +

" \n" +

" <option value = \"37\">Life Sciences 7</option>\n" +

" \n" +

" <option value = \"38\">Life Sciences 9</option>\n" +

" \n" +

" <option value = \"39\">Life Sciences 10</option>\n" +

" \n" +

" <option value = \"40\">Mathematics 14</option>\n" +

" \n" +

" <option value = \"41\">Mathematics 15</option>\n" +

" \n" +

" <option value = \"42\">Mathematics 16</option>\n" +

" \n" +

" <option value = \"43\">Mathematics 39</option>\n" +

" \n" +

" <option value = \"44\">Mathematics 42</option>\n" +

" \n" +

" <option value = \"45\">Mathematics 44</option>\n" +

" \n" +

" <option value = \"46\">Mathematics 47</option>\n" +

" \n" +

" <option value = \"47\">Mathematics 48</option>\n" +

" \n" +

" <option value = \"48\">Mathematics 50</option>\n" +

" \n" +

" <option value = \"49\">Divinity 59</option>\n" +

" \n" +

" <option value = \"50\">French 60</option>\n" +

" \n" +

" <option value = \"51\">French 61</option>\n" +

" \n" +

" <option value = \"52\">Mathematics 67</option>\n" +

" \n" +

" <option value = \"53\">Mathematics 69</option>\n" +

" \n" +

" <option value = \"54\">Music 14</option>\n" +

" \n" +

" <option value = \"55\">Music Auditorium</option>\n" +

" \n" +

" <option value = \"56\">Music Green</option>\n" +

" \n" +

" <option value = \"57\">Physical Education Field</option>\n" +

" \n" +

" <option value = \"58\">Physical Education Field 2</option>\n" +

" \n" +

" <option value = \"59\">Science 14</option>\n" +

" \n" +

" <option value = \"60\">Science C1</option>\n" +

" \n" +

" <option value = \"61\">Science C2</option>\n" +

" \n" +

" <option value = \"62\">Science C6</option>\n" +

" \n" +

" <option value = \"63\">Science P1</option>\n" +

" \n" +

" <option value = \"64\">Science P2</option>\n" +

" \n" +

" <option value = \"65\">Science P6</option>\n" +

" \n" +

" <option value = \"66\">Sixth Form 55</option>\n" +

" \n" +

" <option value = \"67\">Zulu 65</option>\n" +

" \n" +

" <option value = \"68\">Zulu 66</option>\n" +

" \n" +

" <option value = \"69\">Art 35</option>\n" +

" \n" +

" <option value = \"70\">Mathematics 14</option>\n" +

" \n" +

" </select>";

html+=

" <h4>Activity:</h4>\n" +

" <br>\n" +

" <select name=\"activity\">\n" +

" <option value=\"-1\">Select activity</option> <!-- Creates SQL Query then reads through all results and outputs sufficient amount of <options> while records still remain -->\n";

html+="<option value = \"1\">Afrikaans 17</option>\n" +

" \n" +

" <option value = \"2\">Afrikaans 28</option>\n" +

" \n" +

" <option value = \"3\">Afrikaans 29</option>\n" +

" \n" +

" <option value = \"4\">Afrikaans 30</option>\n" +

" \n" +

" <option value = \"5\">Afrikaans 31</option>\n" +

" \n" +

" <option value = \"6\">Afrikaans 32</option>\n" +

" \n" +

" <option value = \"7\">Art 33</option>\n" +

" \n" +

" <option value = \"8\">Art 36</option>\n" +

" \n" +

" <option value = \"9\">Drama 70</option>\n" +

" \n" +

" <option value = \"10\">Drama Alternate</option>\n" +

" \n" +

" <option value = \"11\">Drama Dungeon</option>\n" +

" \n" +

" <option value = \"12\">English 1</option>\n" +

" \n" +

" <option value = \"13\">English 2</option>\n" +

" \n" +

" <option value = \"14\">English 3</option>\n" +

" \n" +

" <option value = \"15\">English 4</option>\n" +

" \n" +

" <option value = \"16\">English 5</option>\n" +

" \n" +

" <option value = \"17\">English 6</option>\n" +

" \n" +

" <option value = \"18\">English 7</option>\n" +

" \n" +

" <option value = \"19\">English 8</option>\n" +

" \n" +

" <option value = \"20\">FOE 13</option>\n" +

" \n" +

" <option value = \"21\">Geography 1</option>\n" +

" \n" +

" <option value = \"22\">Geography 2</option>\n" +

" \n" +

" <option value = \"23\">Geography 3</option>\n" +

" \n" +

" <option value = \"24\">Geography 4</option>\n" +

" \n" +

" <option value = \"25\">German 64</option>\n" +

" \n" +

" <option value = \"26\">History 7</option>\n" +

" \n" +

" <option value = \"27\">History 8</option>\n" +

" \n" +

" <option value = \"28\">History 9</option>\n" +

" \n" +

" <option value = \"29\">History 12</option>\n" +

" \n" +

" <option value = \"30\">History 12B</option>\n" +

" \n" +

" <option value = \"31\">Information Technology 15</option>\n" +

" \n" +

" <option value = \"32\">Information Technology 16</option>\n" +

" \n" +

" <option value = \"33\">Information Technology REB</option>\n" +

" \n" +

" <option value = \"34\">Latin 9</option>\n" +

" \n" +

" <option value = \"35\">Life Orientation 24</option>\n" +

" \n" +

" <option value = \"36\">Life Sciences 4</option>\n" +

" \n" +

" <option value = \"37\">Life Sciences 7</option>\n" +

" \n" +

" <option value = \"38\">Life Sciences 9</option>\n" +

" \n" +

" <option value = \"39\">Life Sciences 10</option>\n" +

" \n" +

" <option value = \"40\">Mathematics 14</option>\n" +

" \n" +

" <option value = \"41\">Mathematics 15</option>\n" +

" \n" +

" <option value = \"42\">Mathematics 16</option>\n" +

" \n" +

" <option value = \"43\">Mathematics 39</option>\n" +

" \n" +

" <option value = \"44\">Mathematics 42</option>\n" +

" \n" +

" <option value = \"45\">Mathematics 44</option>\n" +

" \n" +

" <option value = \"46\">Mathematics 47</option>\n" +

" \n" +

" <option value = \"47\">Mathematics 48</option>\n" +

" \n" +

" <option value = \"48\">Mathematics 50</option>\n" +

" \n" +

" <option value = \"49\">Divinity 59</option>\n" +

" \n" +

" <option value = \"50\">French 60</option>\n" +

" \n" +

" <option value = \"51\">French 61</option>\n" +

" \n" +

" <option value = \"52\">Mathematics 67</option>\n" +

" \n" +

" <option value = \"53\">Mathematics 69</option>\n" +

" \n" +

" <option value = \"54\">Music 14</option>\n" +

" \n" +

" <option value = \"55\">Music Auditorium</option>\n" +

" \n" +

" <option value = \"56\">Music Green</option>\n" +

" \n" +

" <option value = \"57\">Physical Education Field</option>\n" +

" \n" +

" <option value = \"58\">Physical Education Field 2</option>\n" +

" \n" +

" <option value = \"59\">Science 14</option>\n" +

" \n" +

" <option value = \"60\">Science C1</option>\n" +

" \n" +

" <option value = \"61\">Science C2</option>\n" +

" \n" +

" <option value = \"62\">Science C6</option>\n" +

" \n" +

" <option value = \"63\">Science P1</option>\n" +

" \n" +

" <option value = \"64\">Science P2</option>\n" +

" \n" +

" <option value = \"65\">Science P6</option>\n" +

" \n" +

" <option value = \"66\">Sixth Form 55</option>\n" +

" \n" +

" <option value = \"67\">Zulu 65</option>\n" +

" \n" +

" <option value = \"68\">Zulu 66</option>\n" +

" \n" +

" <option value = \"69\">Art 35</option>\n" +

" \n" +

" <option value = \"70\">Mathematics 14</option>\n" +

" \n" +

" </select>";

html+=

" </select>\n" +

" <h4>Week:</h4>\n" +

" <input type=\"radio\" name=\"week\" value=\"Blue\" id=\"radio-one2\" class=\"form-radio2\" checked><label for=\"radio-one\">Blue</label>\n" +

" <input type=\"radio\" name=\"week\" value=\"Maroon\" id=\"radio-one1\" class=\"form-radio1\"><label for=\"radio-one\">Maroon</label>\n" +

" <h4>Day:</h4>\n" +

" <br>\n" +

" <select name=\"day\">\n" +

" <option value = \"Monday\">Monday</option>\n" +

" <option value = \"Tuesday\">Tuesday</option>\n" +

" <option value = \"Wednesday\">Wednesday</option>\n" +

" <option value = \"Thursday\">Thursday</option>\n" +

" <option value = \"Friday\">Friday</option>\n" +

" </select>\n" +

" <h4>Period:</h4>\n" +

" <br>\n" +

" <select name=\"period\">\n" +

" <option value = \"0\">Period 0</option>\n" +

" <option value = \"1\">Period 1</option>\n" +

" <option value = \"2\">Period 2</option>\n" +

" <option value = \"3\">Period 3</option>\n" +

" <option value = \"4\">Period 4</option>\n" +

" <option value = \"5\">Period 5</option>\n" +

" <option value = \"6\">Period 6</option>\n" +

" <option value = \"7\">Period 7</option>\n" +

" <option value = \"8\">Period 8</option>\n" +

" <option value = \"9\">Period 9</option>\n" +

" </select>\n" +

" <h4>Staff Name:</h4>\n" +

" <input type=\"text\" name=\"staffName\" value=\"\">\n" +

" <h4>Date:</h4>\n" +

" <input type=\"date\" name=\"date\" value=\"yyyy-MM-dd\" min=\"2019-01-01\">\n" +

" <br><br>\n" +

" <input class=\"Submit\" type=\"submit\" value=\"Submit\">\n" +

" </form> \n" +

" </div>\n" +

" \n" +

" <!-- Update button -->\n" +

" \n" +

" <div class = \"refresh-button\"> \n" +

" <form class=\"form-inline\" action=\"refresh\" autocomplete=\"off\">\n" +

" <label>Refresh</label>\n" +

" <label><button class=\"Tick\_Refresh\"><input id=\"hidden\" type=\"submit\" name = \"button\" value=\"\"><span></button></label>\n" +

" </form> \n" +

" </div>\n" +

" \n" +

" <!-- Table displays same data as map, but in a table form -->\n" +

" \n" +

" <div class = \"left-results\" id=\"conainer-results\">\n" +

" <form method=\"post\">\n" +

" <table border=\"2\">\n" +

" <tr>\n" +

" <td><b>Time</td>\n" +

" <td><b>StaffName</td>\n" +

" <td><b>Venue</td>\n" +

" </tr>";

String type = req.getParameter("field");

//String function = req.getParameter("function");

String text = req.getParameter("text");

if(text==""){

text="%";

}

DbConnection dbconn=new DbConnection();

Connection myconnection = dbconn.Connection();

Statement stm = myconnection.createStatement();

ResultSet rs;

String query;

switch(type){

case "staffName":

query="SELECT strftime('%H:%M', time('now','+2 hours'))as 'Time', Surname as StaffName, venue\n" +

"FROM tblTimeTablesLocation\n" +

"LEFT JOIN tblStaff on tblStaff.StaffID=tblTimeTablesLocation.StaffID,\n" +

"(SELECT PeriodName FROM tblTimings\n" +

"WHERE time('now','+2 hours') BETWEEN StartTime and EndTime\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now')))subquery1\n" +

"WHERE period = PeriodName\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now')) AND Surname like \""+text+"\"";

myconnection = dbconn.Connection();

stm = myconnection.createStatement();

rs=stm.executeQuery(query);

html += produceTable(rs);

break;

case "activity":

query="SELECT strftime('%H:%M', time('now','+2 hours'))as 'Time', Surname as StaffName, venue\n" +

"FROM tblTimeTablesLocation\n" +

"LEFT JOIN tblStaff on tblStaff.StaffID=tblTimeTablesLocation.StaffID,\n" +

"(SELECT PeriodName FROM tblTimings\n" +

"WHERE time('now','+2 hours') BETWEEN StartTime and EndTime\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now')))subquery1\n" +

"WHERE period = PeriodName\n" +

"AND week = 'Maroon' \n" +

"AND WeekdayCode = strftime('%w',date('now')) AND venue like \""+text+"\"";

myconnection = dbconn.Connection();

stm = myconnection.createStatement();

rs=stm.executeQuery(query);

html += produceTable(rs);

break;

}

html +="</table>\n" +

" </form>\n" +

" </div>\n" +

" \n" + " <!-- Update button -->\n" +

" \n" +

" <div class = \"refresh-button\"> \n" +

" <form class=\"form-inline\" action=\"refresh\" autocomplete=\"off\">\n" +

" <label>Refresh</label>\n" +

" <label><button class=\"Tick\_REfresh\"><input id=\"hidden\" type=\"submit\" name = \"button\" value=\"\"><span></button></label>\n" +

" </form> \n" +

" </div>\n" +

" "+

" <!-- Footer displays the users name and email, details are taken from their google login -->\n" +

" \n" +

" <footer> \n" +

" <center>\n" +

" <div class=\"bottom-left-info\">\n" +

" <p id=\"gmail\"></p>\n" +

" </div>\n" +

" <div class=\"bottom-right-help\">\n" +

" <a href=\"img/MainPageActual\_Help(V1).png\" target=\"\_blank\"><p src=\"img/SJCfavicon.png\" title=\"Need Help?\"><font size = 4 color = #e2e519>Help?</font></p></a>\n" +

" </div>\n" +

" </center>\n" +

" </footer>\n" +

" </body>\n" +

"</html>";

PrintWriter out = res.getWriter();

out.print(html);

} catch (SQLException ex) {

Logger.getLogger(Query.class.getName()).log(Level.SEVERE, null, ex);

}

}

public static String produceTable(ResultSet rs) throws SQLException{

String html = "";

while(rs.next()){

html+="<tr><td>";

html+=rs.getString("Time") +"</td>"+

"<td>"+rs.getString("StaffName")+"</td>"+

"<td>"+rs.getString("venue") +"</td>";

html+="</tr>";

}

return html;

}

}

/\*

\* Author: Gordon Fleming

\*/

package controllers;

import database.DbConnection;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class BookingControl extends HttpServlet { //Servlet for managing booking requests from the user

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { //Receives values and processes the request from the server

response.setContentType("text/html");

PrintWriter out = response.getWriter();

//assigns each variable with a fetch value of the same type

String venue = request.getParameter("venue");

String activity = request.getParameter("activity");

String week = request.getParameter("week");

String day = request.getParameter("day");

String period = request.getParameter("period");

String staffName = request.getParameter("staffName");

String date = request.getParameter("date");

//validates the user's given input and gives relevant error message if invalid

if (venue.isEmpty() || venue.equals("-1") || activity.isEmpty() || activity.equals("-1") || week.isEmpty() || day.isEmpty() || period.isEmpty() || staffName.isEmpty() || date.isEmpty()) { //Checks for certain invalid values

RequestDispatcher rd = request.getRequestDispatcher("main.jsp");

//Outputs error message if invalid data was inputted

out.print("<style>.alert {padding-right:10px;padding-left:10px;padding-top:5px;padding-bottom:5px;width:600px;background-color: #f44336;/\* Red \*/color: white;margin-bottom: 15px;bottom: 0;position: absolute;left:50%;transform: translate(-50%); }"

+ ".closebtn { margin-left: 15px;color: white;font-weight: bold;float: right;font-size: 22px;line-height: 20px;cursor: pointer;transition: 0.3s;}"

+ ".closebtn:hover { color: black;}</style>"

+ "<script>function redirect() {window.location = \"http://localhost:8080/See-Everything/main.jsp\";}</script>"

+ "<div class=\"alert\"><span class=\"closebtn\" onclick=\"this.parentElement.style.display='none';redirect();\">&times;</span><strong>Error!</strong> The booking was unsuccessful, make sure there are no blanks or invalid inputs.</div>");

rd.include(request, response);

} else {

try {

DbConnection dbconn=new DbConnection(); //Establishes the database connection

try (Connection myconnection = dbconn.Connection()) {

String query = "INSERT INTO tblBooking VALUES (?,?,?,?,?,?,?)"; //Inserts the users booking with relevant SQL statement

try (PreparedStatement ps = myconnection.prepareStatement(query)){ //Generates the sql query

ps.setString(1, venue);

ps.setString(2, activity);

ps.setString(3, week);

ps.setString(4, day);

ps.setString(5, period);

ps.setString(6, staffName);

ps.setString(7, date);

ps.executeUpdate(); // executes the statement in the database

ps.close();

myconnection.close();

}

RequestDispatcher rd = request.getRequestDispatcher("main.jsp");

//Outputs success message if valid data was inputted

out.print("<style>.success {padding-right:5px;padding-left:10px;padding-top:5px;padding-bottom:10px;width:600px;background-color: green; color: white;margin-bottom: 15px;bottom: 0;position: absolute;left:50%;transform: translate(-50%); }"

+ ".closebtn { margin-left: 15px;color: white;font-weight: bold;float: right;font-size: 22px;line-height: 20px;cursor: pointer;transition: 0.3s;}"

+ ".closebtn:hover { color: black;}</style>"

+ "<div class=\"success\"><span class=\"closebtn\" onclick=\"this.parentElement.style.display='none';\">&times;</span><strong>Success!</strong> Your booking was submitted to the server.</div>");

rd.include(request, response);

}

} catch (SQLException ex){

System.out.println("Error.");

}

}

}

}

/\*

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\*/

package controllers;

import beans.ConQuery;

import beans.JsonServices;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.List;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.json.JSONObject;

/\*\*

\*

\* @author Gordon Fleming

\*/

public class Main extends HttpServlet{

@Override

public void doGet(HttpServletRequest req, HttpServletResponse res) throws FileNotFoundException, ServletException, IOException{ //Writes the formatted fields into JSON file

Main m = new Main();

try (PrintWriter writer = new PrintWriter("C:\\Users\\flemi\\Documents\\GitHub\\See-Everything\\See-Everything\\web\\JSON.js")) //Path to JSON file C:\Users\24740\Documents\GitHub\See-Everything\See-Everything\web\JSON.js

{ // /Users/gordonfleming/NetBeansProjects/See-Everything/See-Everything/web/JSON.js C:\\Users\\flemi\\Documents\\GitHub\\See-Everything\\See-Everything\\web\\JSON.js

List<JSONObject> jObj = m.getJsonObject();

writer.println("var locations = ["); //writes this string to the file to get the JSON file in the correct format

for(int i=0;i<jObj.size();i++){

writer.println(jObj.get(i)+",");

System.out.println(jObj.get(i)+",");

}

writer.println("];"); //Closes off the JSON file by inserting this String

} catch (SQLException ex) {

Logger.getLogger(Main.class.getName()).log(Level.SEVERE, null, ex);

}

RequestDispatcher rd = req.getRequestDispatcher("main.jsp");

rd.include(req, res);

}

public List<JSONObject>getJsonObject() throws SQLException{ //Outputs and 'returns' the JSON data

ConQuery conn = new ConQuery(); //Establishes connection

ResultSet resultSet = conn.getResultSet();

List<JSONObject> resList = JsonServices.getFormattedResult(resultSet);

return resList;

}

}

/\*

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\*/

package controllers;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author Gordon Fleming

\*/

public class QueryController extends HttpServlet{

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String week = request.getParameter("week");

String weekday = request.getParameter("weekday");

String period = request.getParameter("period");

String venue = request.getParameter("venue");

String surname = request.getParameter("surname");

}

}

/\*

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\*/

package database;

import static database.Dbproperty.DB\_Class;

import static database.Dbproperty.DB\_URL;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

/\*\*

\*

\* @author Gordon Fleming

\*/

public class DbConnection {

Connection myConnection;

public DbConnection(){ //Establishes connection with the database

try{

Class.forName(DB\_Class);

System.out.println("Loaded fine");

}catch(ClassNotFoundException e){

System.out.println("Unsuccessful");

}

}

public Connection Connection(){ //Verifies if the connection is successful

try{

myConnection =DriverManager.getConnection(DB\_URL);

System.out.println("Success");

return myConnection;

}catch(SQLException ex){

System.out.println("Whoops");

ex.printStackTrace();

return null;

}

}

}

/\*

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\*/

package database;

/\*\*

\*

\* @author Gordon Fleming

\*/

public class Dbproperty { //Stores the URL required for connection to the database (Different ones are used for the different computers I coded on)

static String urlHome = "jdbc:sqlite:C://Users/flemi/Documents/GitHub/See-Everything/See-Everything/SJC\_DB.db";

static String urlSchool = "jdbc:sqlite:C://Users/24740/Documents/GitHub/See-Everything/See-Everything/SJC\_DB.db";

static String urlLaptop = "jdbc:sqlite:/Users/gordonfleming/NetBeansProjects/See-Everything/See-Everything/SJC\_DB.db";

public static final String DB\_Class = "org.sqlite.JDBC";

public static final String DB\_URL = urlHome;

}