DUBS – MUSIC SYSTEM

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**PROJECT SUMMARY AND DESCRIPTION**

The DUBS music system provides a free list of trending songs to the non-registered users. The users would be able to sign up to DUBS to view the collections of songs and listen to them on the go. DUBS also provide users with a good user experience.

**USER SIGN-UP:**

User’s sign up and login processes have been made simple by the use of modal window. Also, it provides validations during sign up process which does not let users to use the existing usernames and prompts the same before even user clicks on Sign-up Button. Also, it prompts users to provide a more secure password. The password should at least contain one uppercase letter, one lowercase letter, one number and one special character. Also, the password should contain between 6 to 16 characters in length.

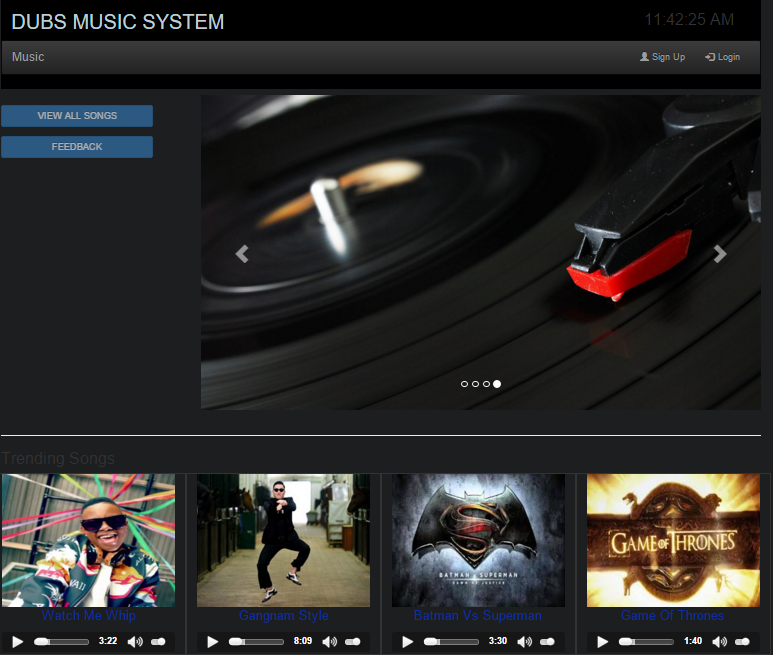
**USER SEARCH CRITERIA:**

DUBS provide users easy way of searching for a particular song. The users would be able to search for a particular song based on song name or also based on the starting letters.

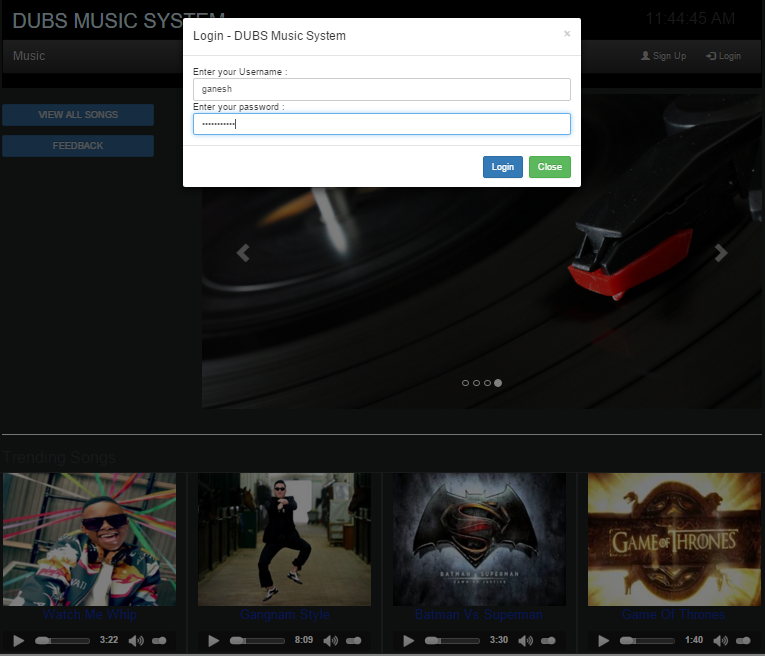
DUBS provide responsiveness so that it can be used across multiple devices.

**SCREEN SHOTS**

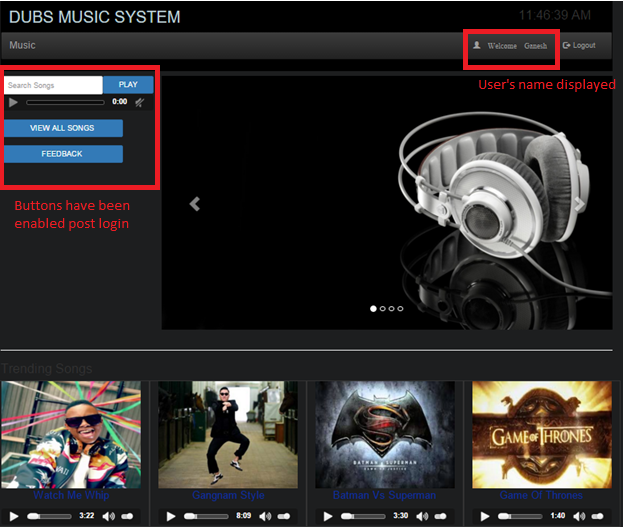
**INITIAL SCREEN:**



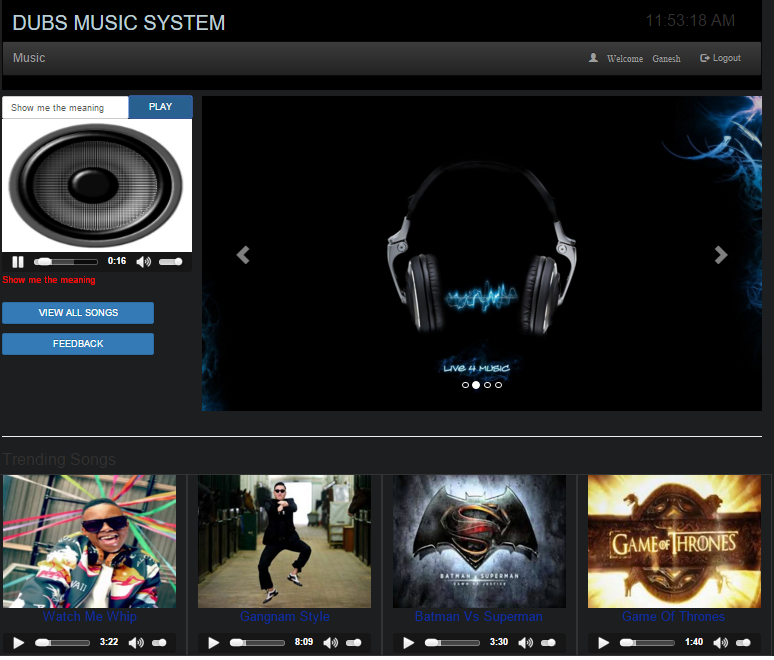
**LOG-IN SCREEN:**



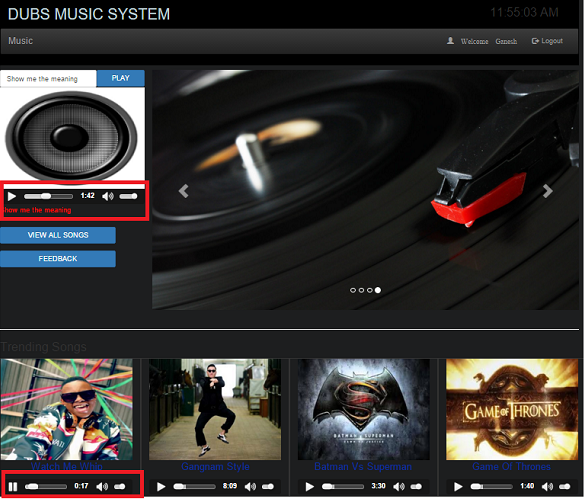
**POST LOGIN:**



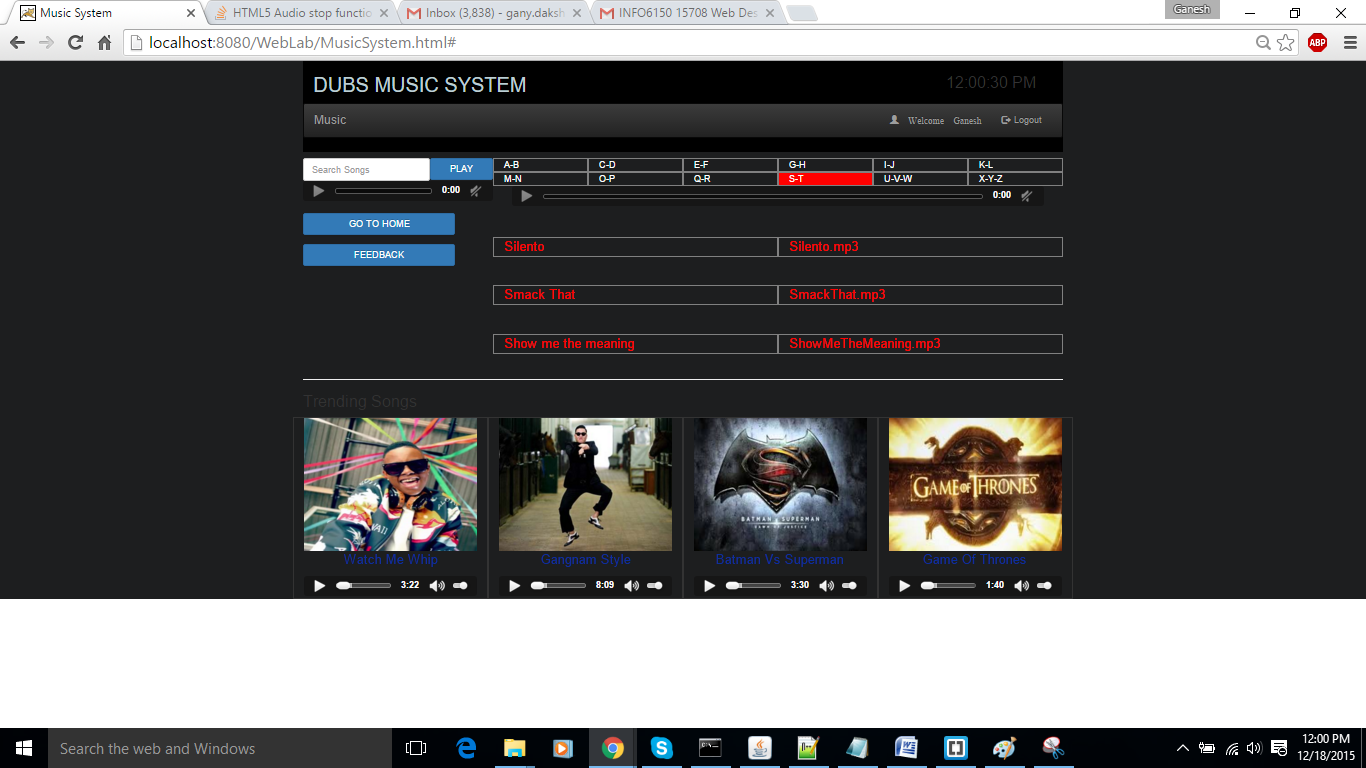
**PLAY SONG BASED ON SEARCH**



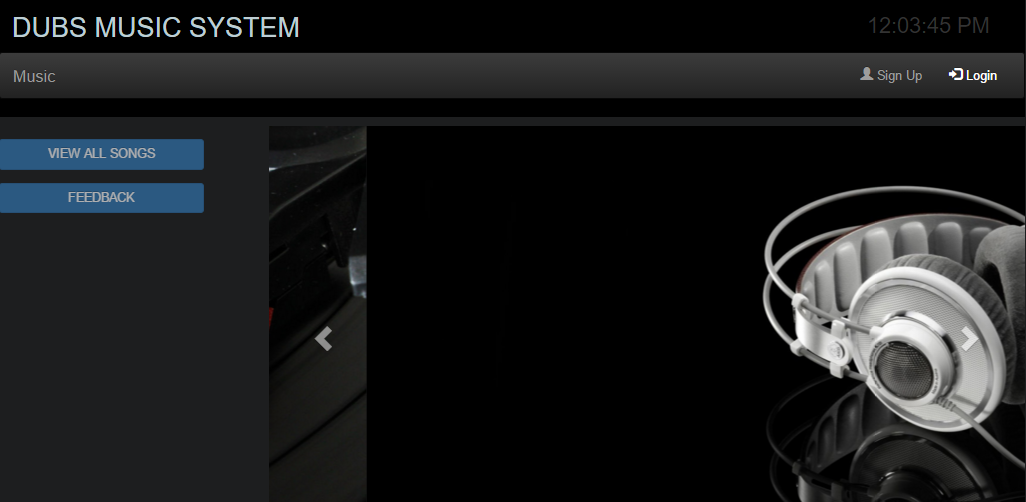
**AUTO PAUSE WHEN NEXT SONG PLAYED**



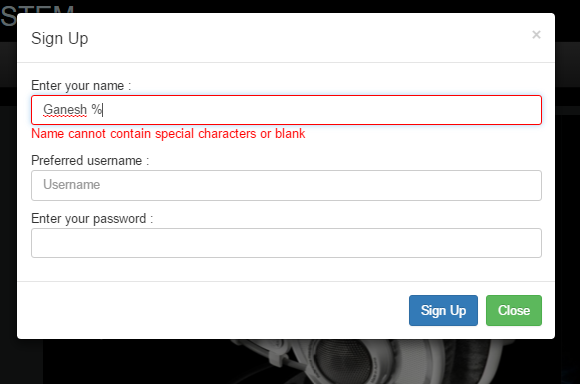
**DISPLAY SONGS BY STARTING LETTERS**



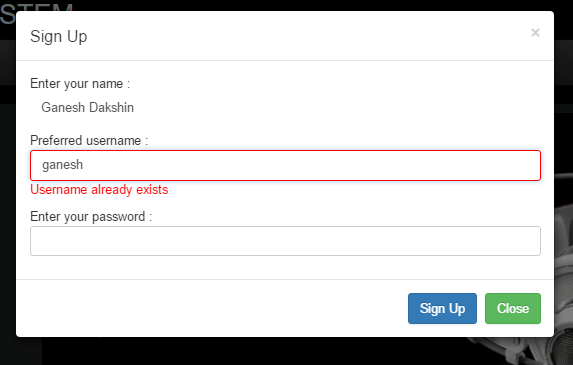
**On-click Of Logout**

****

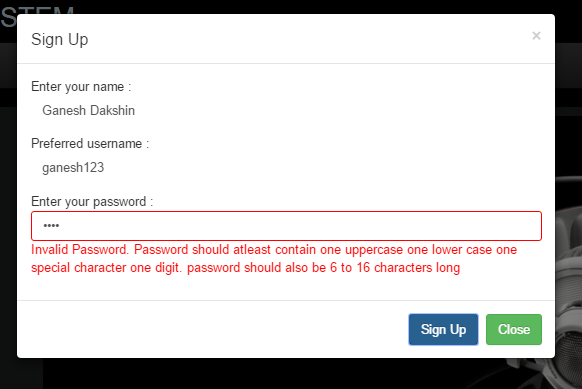
**USER SIGN UP - VALIDATIONS**

****

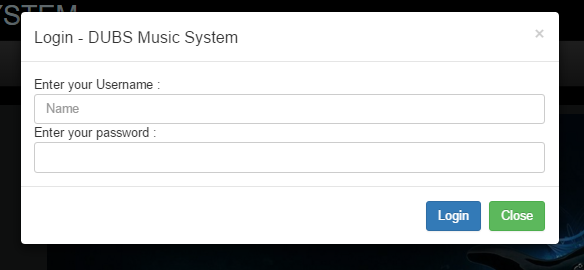
**USER – SIGN UP VALIDATIONS – 2**

****

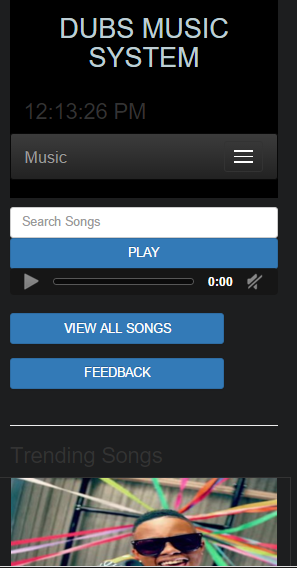
**USER – SIGN UP VALIDATION – 3**

****

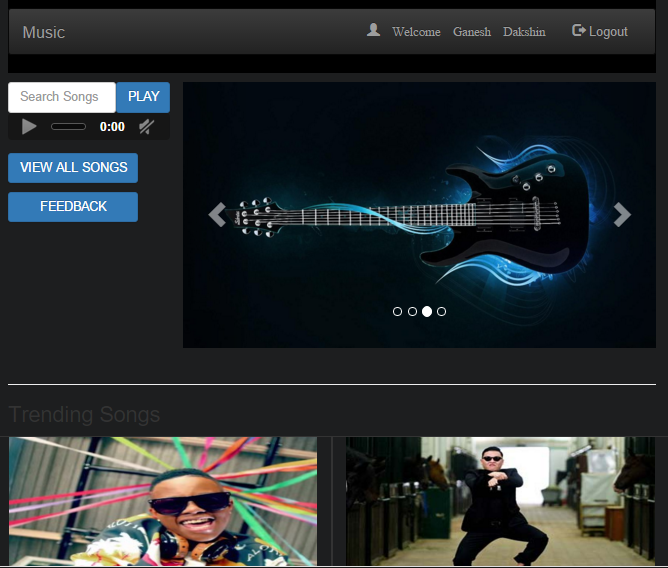
**AUTOMATIC REDIRECTION FROM SIGN UP MODAL TO LOGIN**

****

**RESPONSIVE WEB DESIGN – FOR MOBILES**

****

**RESPONSIVE WEB DESIGN – TABLETS**

****

**SOURCE CODE**

**MusicSystem.html**

<!doctype html>

<html>

<head>

<title>Music System</title>

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

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" integrity="sha384-1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7" crossorigin="anonymous">

<!-- Optional theme -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap-theme.min.css" integrity="sha384-fLW2N01lMqjakBkx3l/M9EahuwpSfeNvV63J5ezn3uZzapT0u7EYsXMjQV+0En5r" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>

<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">

<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>

<script src = "ajaxScript1.js"></script>

<script src = "ajaxScript2.js"></script>

<script src = "ajaxScript3.js"></script>

<script src = "script1.js"></script>

<link rel = "stylesheet" href="styles.css">

<link rel = "stylesheet" href="media.css">

</head>

<body>

<div class = "container-fluid main-background"> <!-- Main Container -->

<div class = "container sub-background"> <!-- Sub Container -->

<div id = "signUpModal" class = "modal fade" role = "dialog"> <!-- Sign Up Modal Window -->

<div class = "modal-dialog">

<div class = "modal-content">

<div class = "modal-header">

<button type="button" class="close" data-dismiss="modal">&times;</button>

<h4 class="modal-title">Sign Up</h4>

</div>

<div class="modal-body">

<span>Enter your name : <input type = "text" placeholder = "Name" class="form-control" id = "name1" onFocus = "checkName2()" onKeyUp = "checkName(this.value)" onFocusOut = "checkName1(this.value)" /></span>

<p class="validation" id="validateName"></p>

<span>Preferred username : <input type = "text" placeholder = "Username" id = "username1" class="form-control" onFocusOut = "checkUser(this.value)" onKeyUp = "checkUserName(this.value)" onfocus = "checkUserName2()" /></span>

<p class="validation" id="validateUserName"></p>

<span>Enter your password : <input type = "password" class="form-control" id = "password1" onFocus = "checkPassword()" onFocusout = "checkPassword2(this.value)" /></span>

<p class="validation" id="validatePassword"></p>

</div>

<div class="modal-footer">

<button type = "button" class = "btn btn-primary" id = "btnSignUp" onclick="func3()">Sign Up</button>

<button type="button" class="btn btn-success" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div> <!-- end of sign up Modal -->

<div id = "loginModal" class = "modal fade" role = "dialog"> <!-- Log in Modal Window -->

<div class = "modal-dialog">

<div class = "modal-content">

<div class = "modal-header">

<button type="button" class="close" data-dismiss="modal">&times;</button>

<h4 class="modal-title">Login - DUBS Music System</h4>

</div>

<div class="modal-body">

<span>Enter your Username : <input type = "text" placeholder = "Name" class="form-control" id = "name25" /></span>

<span>Enter your password : <input type = "password" class="form-control" id = "password25" /></span>

</div>

<div class="modal-footer">

<button type = "button" class = "btn btn-primary" id= "loginInButton" onclick="func25()">Login</button>

<button type="button" class="btn btn-success" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div> <!-- end of log in Modal -->

<div id = "feedbackModal" class = "modal fade" role = "dialog"> <!-- Feedback Modal Window -->

<div class = "modal-dialog">

<div class = "modal-content">

<div class = "modal-header">

<button type="button" class="close" data-dismiss="modal">&times;</button>

<h4 class="modal-title">Feedback - DUBS Music System</h4>

</div>

<div class="modal-body">

<span>Overall Application Rating :

<select class="form-control">

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

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

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

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

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

</select>

</span>

<span>Quality of Songs :

<select class="form-control">

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

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

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

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

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

</select>

</span>

<span>Comments : <textarea class="form-control" rows="3" placeholder = "Enter your comments"></textarea>

</div>

<div class="modal-footer">

<button type = "button" class = "btn btn-primary" data-dismiss="modal" onclick="feedback()">SUBMIT FEEDBACK</button>

<button type="button" class="btn btn-success" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div> <!-- end of feedback -->

<div class = "container-fluid header"> <!-- header Container -->

<div class="container-fluid">

<div class="row">

<div class = "col-lg-10 col-md-9 col-sm-9 col-xs-12">

<h2 class = "headerText">DUBS MUSIC SYSTEM</h2>

</div>

<div class = "col-lg-2 col-md-3 col-sm-3 col-xs-12">

<h3 id="demo"></h3>

</div>

</div>

</div>

<div class="container-fluid navigation-header">

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="#">Music</a>

</div>

<div class="collapse navbar-collapse" id="myNavbar">

<ul class="nav navbar-nav navbar-right">

<li id = "userLogin123"><a href="#"><span id = "userLoginName" class="glyphicon glyphicon-user"></span></a></li>

<li id = "signUpId"><a data-target="#signUpModal" data-toggle="modal" href="#signUpModal"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>

<li id = "logIn"><a data-target="#loginModal" data-toggle="modal" href="#loginModal" ><span class="glyphicon glyphicon-log-in"></span> Login</a></li>

<li id = "logOut" onClick="func26()"><a href="#"><span class="glyphicon glyphicon-log-out"></span> Logout</a></li>

</ul>

</div>

</div>

</nav>

</div>

</div> <!-- header Container ends here -->

<div class = "row bodyImages"> <!-- bodyContainer starts here -->

<div class = "col-sm-3 leftPane">

<div class = "row leftPane">

<div class = "col-sm-12 leftPane" id="hideList1">

<div class = "col-sm-8 form1 leftPane">

<input type="text" name = "searchSongsText" id="searchSongs" class="form-control widthText" placeholder="Search Songs" aria-describedby="basic-addon2" onKeyUp="ajaxFunction(this.value)">

</div>

<div class = "col-sm-4 form2 leftPane">

<span class="sideContents"><button type="button" class="btn btn-primary widthText" onClick="ajaxFunction2()">PLAY</button></span>

</div>

<div class="row">

<div class="col-lg-12 col-md-12 widthText" id="hide">

<img src = "imgGif.gif" alt = "gif" class= "imgWidth" id="hide1" />

</div>

</div>

<div class="row">

<div class="col-sm-12 widthText">

<audio controls class="audios widthText" autoplay loop id="aud1">

<source class= "widthText" id="aud" type = "audio/mpeg">

</audio>

</div>

</div>

<div id="cityDiv"></div>

</div>

<div class="row">

<div class = "col-sm-12">

<button type = "button" class = "btn btn-primary btnButton" id = "playSongs" disabled="disabled" onClick = "displaySongLog()">VIEW ALL SONGS</button>

</div>

</div>

<div class="row">

<div class = "col-sm-12">

<button type = "button" class = "btn btn-primary btnButton" id = "home" onClick = "home()">GO TO HOME</button>

</div>

</div>

<div class="row">

<div class = "col-sm-12">

<button type = "button" class = "btn btn-primary btnButton" id = "feedback" disabled="disabled" data-target="#feedbackModal" data-toggle="modal">FEEDBACK</button>

</div>

</div>

</div>

</div>

<div id = "allSongs">

<div class = "col-sm-9">

<div class = "row">

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('a-b')">A-B</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('c-d')">C-D</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('e-f')">E-F</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('g-h')">G-H</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('i-j')">I-J</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('k-l')">K-L</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('m-n')">M-N</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('o-p')">O-P</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('q-r')">Q-R</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('s-t')">S-T</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('u-v-w')">U-V-W</div>

<div class = "col-lg-2 col-md-2 col-sm-3 col-xs-4 listSongs" onClick = "listSongsFunction('x-y-z')">X-Y-Z</div>

</div>

<div class = "row ">

<audio controls class="audios widthText" autoplay loop id="aud125">

<source class= "widthText" id="aud25" type = "audio/mpeg">

</audio>

</div>

<div id="songByName"></div>

</div>

</div>

<div class = "col-sm-9 caro">

<div id="myCarousel" class="carousel slide" data-ride="carousel">

<!-- Indicators -->

<ol class="carousel-indicators">

<li data-target="#myCarousel" data-slide-to="0" class="active"></li>

<li data-target="#myCarousel" data-slide-to="1"></li>

<li data-target="#myCarousel" data-slide-to="2"></li>

<li data-target="#myCarousel" data-slide-to="3"></li>

</ol>

<!-- Wrapper for slides -->

<div class="carousel-inner" role="listbox">

<div class="item active">

<img src="images.jpg" alt="Image1">

</div>

<div class="item">

<img src="images\_0.jpg" alt="Image2">

</div>

<div class="item">

<img src="images\_1.jpg" alt="Image3">

</div>

<div class="item">

<img src="images\_2.jpg" alt="Image4">

</div>

</div>

<!-- Left and right controls -->

<a class="left carousel-control" href="#myCarousel" role="button" data-slide="prev">

<span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>

<span class="sr-only">Previous</span>

</a>

<a class="right carousel-control" href="#myCarousel" role="button" data-slide="next">

<span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>

<span class="sr-only">Next</span>

</a>

</div>

</div>

</div> <!-- bodyContainer ends here -->

<br />

<hr />

<h3> Trending Songs </h3>

<div class = "row"> <!-- popular songs -->

<div class="col-xs-12 col-sm-6 col-md-6 col-lg-3 songList" onClick = f1("Silento.mp3")> <!-- song1 -->

<div class = "row">

<div class = "col-sm-12"> <!-- image of song1 -->

<img src="song1.jpg" alt="song1" class = "imgWidth" />

</div> <!-- end of image of song1 -->

</div>

<div class = "row">

<div class = "col-sm-12">

<p class = "songName">Watch Me Whip</p>

</div>

</div>

<div class = "row">

<div class = "col-sm-12">

<audio controls class="audios">

<source src="Silento.mp3" type = "audio/mpeg">

</audio>

</div>

</div>

</div> <!-- end of song1 -->

<div class="col-xs-12 col-sm-6 col-md-6 col-lg-3 songList" onClick = f1("GangnamStyle.mp3")> <!-- song2 -->

<div class = "row">

<div class = "col-sm-12"> <!-- image of song2 -->

<img src="song2.jpg" alt="song2" class = "imgWidth" />

</div> <!-- end of image of song2 -->

</div>

<div class = "row">

<div class = "col-sm-12">

<p class = "songName">Gangnam Style</p>

</div>

</div>

<div class = "row">

<div class = "col-sm-12">

<audio controls class="audios">

<source src="GangnamStyle.mp3" type = "audio/mpeg">

</audio>

</div>

</div>

</div> <!-- end of song2 -->

<div class="col-xs-12 col-sm-6 col-md-6 col-lg-3 songList"> <!-- song3 -->

<div class = "row">

<div class = "col-sm-12"> <!-- image of song3 -->

<img src="song3.jpg" alt="song3" class = "imgWidth" />

</div> <!-- end of image of song3 -->

</div>

<div class = "row">

<div class = "col-sm-12">

<p class = "songName">Batman Vs Superman</p>

</div>

</div>

<div class = "row">

<div class = "col-sm-12">

<audio controls class="audios">

<source src="BatmanVsSuperman.mp3" type = "audio/mpeg">

</audio>

</div>

</div>

</div> <!-- end of song3 -->

<div class="col-xs-12 col-sm-6 col-md-6 col-lg-3 songList"> <!-- song4 -->

<div class = "row">

<div class = "col-sm-12"> <!-- image of song4 -->

<img src="song4.jpg" alt="song4" class = "imgWidth" />

</div> <!-- end of image of song4 -->

</div>

<div class = "row">

<div class = "col-sm-12">

<p class = "songName">Game Of Thrones</p>

</div>

</div>

<div class = "row">

<div class = "col-sm-12">

<audio controls class="audios">

<source src="GameOfThrones.mp3" type = "audio/mpeg">

</audio>

</div>

</div>

</div> <!-- end of song4 -->

</div> <!-- end of popular songs -->

</div> <!-- Sub Container ends here -->

</div> <!-- Main Container ends here -->

<script src="script2.js"></script>

</body>

</html>

**Styles.css**

.main-background {

height: 100%;

background-color: #1D1E1F;

}

.sub-background {

height: 100%;

}

.header {

background-color: black;

margin : 0px;

padding: 0px;

}

.headerText {

color: #BECED4;

text-align: center;

float:left;

}

.navigation-header {

margin : 0px;

padding: 0px;

}

.bodyImages {

width : 100%;

margin : 0px;

margin-top: 10px;

padding : 0px;

}

.sideContents {

text-align: right;

margin-top: 2%;

}

.form1 {

padding-right : 0px;

}

.form2 {

padding-left: 0px;

}

.leftPane {

padding-left : 0px;

padding :0px;

margin: 0px;

}

.caro {

margin : 0px;

padding-right : 0px;

}

.sideColor {

color: #979A9C;

padding-top: 5px;

padding-left: 2px;

}

.inputSongs {

width : 100%;

}

.imgWidth {

width : 100%;

height : 200px;

}

.songList {

border : 1px solid ;

}

.songName {

text-align : center;

color : #0B2F9C;

font-size : 20px;

}

.songList:hover {

opacity: 0.5;

cursor : pointer;

cursor: hand;

}

.audios {

width : 100%;

}

#demo {

float:left;

text-align: right;

margin-left : 0px;

}

.para {

color: red;

}

#signUpModal {

-webkit-transition: opacity 400ms ease-in;

-moz-transition: opacity 400ms ease-in;

transition: opacity 400ms ease-in;

}

#cityDiv p:hover {

cursor : pointer;

cursor : hand;

}

.validation {

color:red;

}

#hide {

display: none;

}

#logOut {

display : none;

}

.widthText {

width: 100%;

margin:0px;

}

#hideList1 {

display : none;

}

#hideList2 {

display : none;

}

#userLogin123 {

display : none;

color : red;

}

#userLoginName {

font-face: "Verdana";

}

#playSongs {

margin-top : 5%;

width : 80%;

}

#feedback {

margin-top : 5%;

width : 80%;

}

#home {

margin-top : 5%;

}

.listSongs {

color: white;

border: 1px solid grey;

}

.listSongs:hover {

background-color : #ff8080;

cursor: pointer;

cursor: hand;

}

.songDisplay {

margin-top : 5%;

color: #ff8080;

border: 1px solid grey;

font-size: 20px;

}

.songDisplay1 {

margin-top : 5%;

}

.cur:hover {

cursor: pointer;

cursor: hand;

}

#allSongs {

display: none;

}

#home {

display: none;

}

.btnButton {

width: 80%;

}

**Media Queries**

@media only screen and (max-width: 767px) {

#hide1 {

display : none;

}

.caro {

display: none;

}

}

@media only screen and (max-width: 992px) and (min-width: 768) {

#hide1 {

display : none;

}

}

**Script1.js:**

var userId=["ganesh"];

var nameGet=["Ganesh"];

var password=["Gany@1990"];

var number=1;

function checkName(x) {

var flag = 0;

if(!/^[a-zA-Z ]+$/.test(x)) {

document.getElementById("validateName").innerHTML = "Name cannot contain special characters or blank";

document.getElementById("name1").style.border = "1px solid #FF0000";

flag=1;

}

else {

document.getElementById("validateName").innerHTML = "";

document.getElementById("name1").style.border = "none";

}

}

function checkName1(x) {

if(x.length == 0 || x.startsWith(" ")) {

document.getElementById("validateName").innerHTML = "Name cannot be blank";

document.getElementById("name1").style.border = "1px solid #FF0000";

}

else {

document.getElementById("validateName").innerHTML = "";

document.getElementById("name1").style.border = "none";

}

}

function checkName2() {

document.getElementById("validateName").innerHTML = "";

document.getElementById("name1").style.border = "none";

}

function checkUserName(x) {

var flag = 0;

if(!/^[a-zA-Z0-9]+$/.test(x)) {

document.getElementById("validateUserName").innerHTML = "Username cannot contain special characters or blank";

document.getElementById("username1").style.border = "1px solid #FF0000";

flag=1;

}

else {

flag = 0;

}

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

if(x == userId[i]) {

document.getElementById("validateUserName").innerHTML = "Username already exists";

document.getElementById("username1").style.border = "1px solid #FF0000";

flag = 1;

}

}

if(flag == 0) {

document.getElementById("validateUserName").innerHTML = "";

document.getElementById("username1").style.border = "none";

}

}

function checkUser(x) {

if(x.length < 5) {

document.getElementById("validateUserName").innerHTML = "Username cannot be blank or less than 5 charcters";

document.getElementById("username1").style.border = "1px solid #FF0000";

}

else {

document.getElementById("validateName").innerHTML = "";

document.getElementById("name1").style.border = "none";

}

}

function checkUserName2() {

document.getElementById("validateUserName").innerHTML = "";

document.getElementById("username1").style.border = "none";

}

function checkPassword() {

document.getElementById("validatePassword").innerHTML = "";

document.getElementById("password1").style.border = "none";

}

function checkPassword2(x) {

var regularExpression = /^(?=.\*[0-9])(?=.\*[!@#$%^&\*])[a-zA-Z0-9!@#$%^&\*]{6,16}$/;

if(!regularExpression.test(x)) {

document.getElementById("validatePassword").innerHTML = "Invalid Password. \n Password should atleast contain one uppercase one lower case one special character one digit. \n password should also be 6 to 16 characters long";

document.getElementById("password1").style.border = "1px solid #FF0000";

}

}

function func3() {

if(document.getElementById("name1").value.length > 0 && document.getElementById("username1").value.length > 0 && document.getElementById("password1").value.length > 0 && document.getElementById("validateName").innerHTML == "" && document.getElementById("validateUserName").innerHTML == "" && document.getElementById("validatePassword").innerHTML == "")

{

var a = document.getElementById("name1");

var b = document.getElementById("username1");

var c = document.getElementById("password1");

userId.push(b.value);

nameGet.push(a.value);

password.push(c.value);

number++;

alert("Thank you for Signing up with DUBS Music System");

document.getElementById("btnSignUp").setAttribute('data-dismiss','modal');

document.getElementById("btnSignUp").setAttribute('data-target','#loginModal');

document.getElementById("btnSignUp").setAttribute('data-toggle','modal');

document.getElementById("name1").value="";

document.getElementById("username1").value="";

document.getElementById("password1").value="";

}

else {

alert("Could not sign up. Please provide valid inputs");

}

}

function func25() {

var userName25 = document.getElementById("name25").value;

var pass25 = document.getElementById("password25").value;

var flag = 0;

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

if(userId[i] == userName25 && password[i] == pass25) {

flag = 1;

document.getElementById("loginInButton").setAttribute('data-dismiss','modal');

document.getElementById("logIn").style.display = "none";

document.getElementById("logOut").style.display = "inline";

document.getElementById("signUpId").style.display = "none";

var z=nameGet[i];

alert("Welcome user "+nameGet[i]);

document.getElementById("userLoginName").innerHTML = " Welcome " +z;

document.getElementById("name25").value = "";

document.getElementById("password25").value = "";

document.getElementById("userLogin123").style.display = "inline";

document.getElementById("hideList1").style.display = "inline";

document.getElementById("feedback").disabled = false;

document.getElementById("playSongs").disabled = false;

}

}

if(flag == 0) {

alert("Invalid Credentials");

}

}

function func26() {

var audioPlayer = document.getElementsByTagName('audio');

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

audioPlayer[i].pause();

audioPlayer[i].currentTime = 0;

}

document.getElementById("aud125").src = "";

document.getElementById("logIn").style.display = "inline";

document.getElementById("logOut").style.display = "none";

document.getElementById("signUpId").style.display = "inline";

document.getElementById("songByName").innerHTML = "";

document.getElementById("hideList1").style.display = "none";

document.getElementById("userLoginName").innerHTML = "";

document.getElementById("feedback").disabled = true;

document.getElementById("playSongs").disabled = true;

document.getElementById("userLogin123").style.display = "none";

document.getElementById("allSongs").style.display = "none";

document.getElementsByClassName("caro")[0].style.display = "inline";

document.getElementById("home").style.display = "none";

document.getElementById("playSongs").style.display = "inline";

}

function feedback() {

alert("Thank you for your valuable feedback. \n We would always wish to serve you better based on your feedback provided.");

}

function displaySongLog() {

document.getElementById("home").style.display = "inline";

document.getElementById("playSongs").style.display = "none";

document.getElementsByClassName("caro")[0].style.display = "none";

document.getElementById("allSongs").style.display = "inline";

}

function home() {

var audioPlayer = document.getElementsByTagName('audio');

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

audioPlayer[i].pause();

audioPlayer[i].currentTime = 0;

}

document.getElementById("aud125").src = "";

document.getElementById("songByName").innerHTML = "";

document.getElementById("home").style.display = "none";

document.getElementById("playSongs").style.display = "inline";

document.getElementsByClassName("caro")[0].style.display = "inline";

document.getElementById("allSongs").style.display = "none";

}

**Script2.js**

var myVar = setInterval(myTimer, 1000);

function myTimer() {

var d = new Date();

document.getElementById("demo").innerHTML = d.toLocaleTimeString();

}

function func2(x) {

document.getElementById("hide").style.display = "inline";

var audi = document.getElementById("aud1");

var sources = document.getElementById("aud");

sources.src = x;

audi.load();

}

document.addEventListener('play', function(e){

var audios = document.getElementsByTagName('audio');

for(var i = 0, len = audios.length; i < len;i++){

if(audios[i] != e.target){

audios[i].pause();

}

}

}, true);

function func(x) {

document.getElementById("searchSongs").value = x;

//var y = document.getElementById("cityDiv");

//var z = document.getElementById("cityDiv").childNodes;

func1();

}

function func1() {

var z = document.getElementsByClassName("para");

}

function play1(x) {

var audi = document.getElementById("aud125");

var sources = document.getElementById("aud25");

sources.src = x;

audi.load();

}

**ajaxScript1.js:**

function ajaxFunction(cityName) //functionName could be anything

{

//1. Create XmlHttpRequest Object

//This could be written into an external .js file that could be used within other pages as well.

var xmlHttp;

try // Firefox, Opera 8.0+, Safari

{

xmlHttp=new XMLHttpRequest();

}

catch (e)

{

try // Internet Explorer

{

xmlHttp=new ActiveXObject("Msxml2.XMLHTTP");

}

catch (e)

{

try

{

xmlHttp=new ActiveXObject("Microsoft.XMLHTTP");

}

catch (e)

{

alert("Your browser does not support AJAX!");

return false;

}

}

}

//2. Call the server-side script

//cityName is the function parameter passed when the JS function is called

xmlHttp.open("GET", "songList.jsp?q=" + cityName, true); //q is the name of the parameter to be used in JSP

xmlHttp.send(); //leave blank, or pass null. Not used with GET requests

//3. Check the server-data is ready

xmlHttp.onreadystatechange=function()

{

if(xmlHttp.readyState==4)

{

//4. Manipulate the DOM

var cityDiv = document.getElementById("cityDiv");

var serverData = xmlHttp.responseText;

cityDiv.innerHTML = serverData;

}

}

}

**ajaxScript2.js**

function ajaxFunction2() //functionName could be anything

{

//1. Create XmlHttpRequest Object

//This could be written into an external .js file that could be used within other pages as well.

var xmlHttp;

try // Firefox, Opera 8.0+, Safari

{

xmlHttp=new XMLHttpRequest();

}

catch (e)

{

try // Internet Explorer

{

xmlHttp=new ActiveXObject("Msxml2.XMLHTTP");

}

catch (e)

{

try

{

xmlHttp=new ActiveXObject("Microsoft.XMLHTTP");

}

catch (e)

{

alert("Your browser does not support AJAX!");

return false;

}

}

}

//2. Call the server-side script

//cityName is the function parameter passed when the JS function is called

var value = document.getElementById("searchSongs").value;

xmlHttp.open("GET", "list.jsp?w=" + value, true); //q is the name of the parameter to be used in JSP

xmlHttp.send(); //leave blank, or pass null. Not used with GET requests

//3. Check the server-data is ready

xmlHttp.onreadystatechange=function()

{

if(xmlHttp.readyState==4)

{

//4. Manipulate the DOM

var serverData = xmlHttp.responseText;

if(serverData == 0) {

alert("Songs does not match search criteria");

}

else {

func2(serverData);

}

}

}

}

**ajaxScript3.js**

function listSongsFunction(x) //functionName could be anything

{

//1. Create XmlHttpRequest Object

//This could be written into an external .js file that could be used within other pages as well.

var xmlHttp;

try // Firefox, Opera 8.0+, Safari

{

xmlHttp=new XMLHttpRequest();

}

catch (e)

{

try // Internet Explorer

{

xmlHttp=new ActiveXObject("Msxml2.XMLHTTP");

}

catch (e)

{

try

{

xmlHttp=new ActiveXObject("Microsoft.XMLHTTP");

}

catch (e)

{

alert("Your browser does not support AJAX!");

return false;

}

}

}

//2. Call the server-side script

//cityName is the function parameter passed when the JS function is called

xmlHttp.open("GET", "songList1.jsp?q=" + x, true); //q is the name of the parameter to be used in JSP

xmlHttp.send(); //leave blank, or pass null. Not used with GET requests

//3. Check the server-data is ready

xmlHttp.onreadystatechange=function()

{

if(xmlHttp.readyState==4)

{

//4. Manipulate the DOM

var cityDiv = document.getElementById("songByName");

var serverData = xmlHttp.responseText;

cityDiv.innerHTML = serverData;

}

}

}

**songList.jsp**

<%

String [] songs = new String[7];

String [] song = new String[7];

songs[0] = "Gangnam Style"; song[0] = "GangnamStyle.mp3";

songs[1] = "Silento"; song[1] = "Silento.mp3";

songs[2] = "Batman Vs Superman"; song[2] = "BatmanVsSuperman.mp3";

songs[3] = "Game Of Thrones"; song[3] = "GameOfThrones.mp3";

songs[4] = "Smack That"; song[4] = "SmackThat.mp3";

songs[5] = "Show me the meaning"; song[5] = "ShowMeTheMeaning.mp3";

songs[6] = "Hips dont Lie"; song[6] = "HipsDontLie.mp3";

//read user input

String city = request.getParameter("q"); //q is the name of the parameter from AJAX call

String cityLower = city.toLowerCase();

//I am using UL/LI to return the data to xmlHttp object. Could be anything.

if(city == "") {

return;

}

String result = "";

for (String currentSong : songs) //new for loop

{

String currentSongLower = currentSong.toLowerCase();

if (currentSongLower.contains(cityLower))

{

result += "<p class='para' onClick='func(this.innerHTML)'>" + currentSong + "</p>";

}

}

out.println(result); //send this to xmlHttp object

%>

**songList1.jsp**

<%

String [] songs = new String[7];

String [] song = new String[7];

songs[0] = "Gangnam Style";

song[0] = "GangnamStyle.mp3";

songs[1] = "Silento";

song[1] = "Silento.mp3";

songs[2] = "Batman Vs Superman";

song[2] = "BatmanVsSuperman.mp3";

songs[3] = "Game Of Thrones";

song[3] = "GameOfThrones.mp3";

songs[4] = "Smack That";

song[4] = "SmackThat.mp3";

songs[5] = "Show me the meaning";

song[5] = "ShowMeTheMeaning.mp3";

songs[6] = "Hips dont Lie";

song[6] = "HipsDontLie.mp3";

//read user input

String city = request.getParameter("q"); //q is the name of the parameter from AJAX call

String cityLower = city.toLowerCase();

String result = "";

if(cityLower.length() == 3) {

String a1 = cityLower.substring(0,1);

String a2 = cityLower.substring(2,3);

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

String songLower = songs[i].toLowerCase();

if(songLower.startsWith(a1) || songLower.startsWith(a2)) {

result += "<div class = 'row'><div class = 'col-sm-6 songDisplay'>" +songs[i] + "</div><div class='col-sm-6 songDisplay cur' onClick='play1(this.innerHTML)'>" +song[i] +"</div></div>";

}

}

}

if(cityLower.length() == 5) {

String a1 = cityLower.substring(0,1);

String a2 = cityLower.substring(2,3);

String a3 = cityLower.substring(4,5);

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

String songLower = songs[i].toLowerCase();

if(songLower.startsWith(a1) || songLower.startsWith(a2) || songLower.startsWith(a3)) {

result += "<div class = 'row'><div class='col-sm-6 songDisplay'>" +songs[i] + "</div><div class='col-sm-6 songDisplay cur' onClick = 'play1(this.innerHTML)'>" +song[i] +"</div></div>";

}

}

}

result += "</div>";

out.println(result); //send this to xmlHttp object

%>

**List.jsp**

<%

String [] songs = new String[7];

String [] song = new String[7];

songs[0] = "Gangnam Style";

songs[1] = "Silento";

songs[2] = "Batman Vs Superman";

songs[3] = "Game Of Thrones";

songs[4] = "Smack That";

song[0] = "GangnamStyle.mp3";

song[1] = "Silento.mp3";

song[2] = "BatmanVsSuperman.mp3";

song[3] = "GameOfThrones.mp3";

song[4] = "SmackThat.mp3";

songs[5] = "Show me the meaning";

song[5] = "ShowMeTheMeaning.mp3";

songs[6] = "Hips dont Lie";

song[6] = "HipsDontLie.mp3";

//read user input

String city = request.getParameter("w"); //w is the name of the parameter from AJAX call

//I am using UL/LI to return the data to xmlHttp object. Could be anything.

String result = "";

int count = 0;

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

if(songs[i].equals(city)) {

result += song[i];

count++;

}

}

if(count == 0) {

result += 0;

}

out.println(result); //send this to xmlHttp object

%>