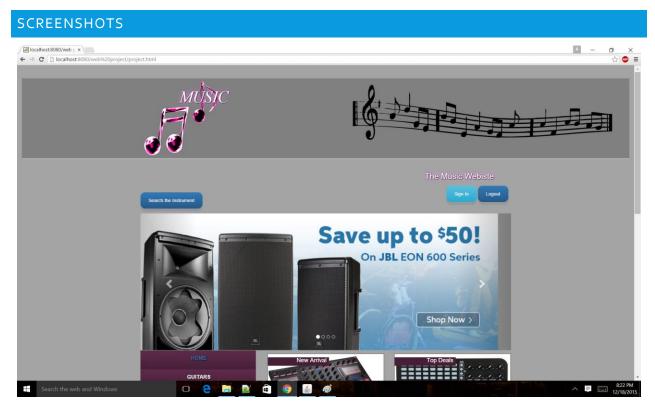
The Music Instrument Website

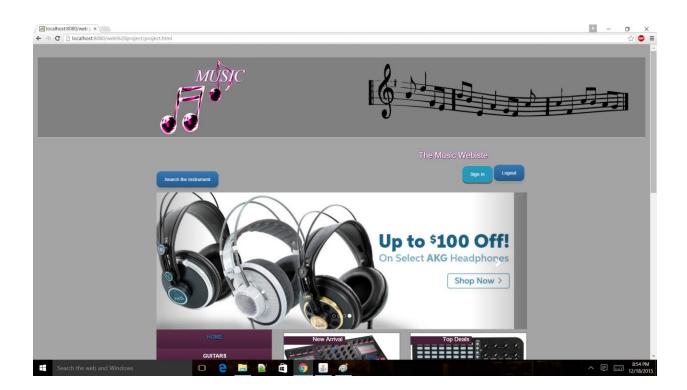
PROJECT DESCRIPTION

The music instrument website is a online site which allows the user to login and browse through the various items of their interest and add it to the cart. It is developed to provide better user experience with no advertisements.

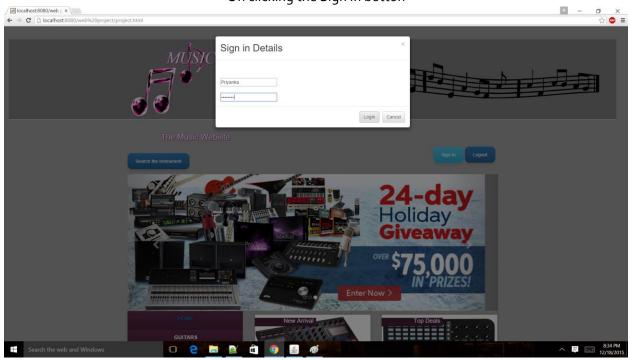
Some features of the site is that it allows the user to search the instrument by entering the name of the instrument. On entering the alphabet, it displays the list of all instruments containing that alphabet. Another feature is that the user no more needs to click on any button to view the feature description of the instrument, it displays the feature description by just moving the cursor to the link. This saves a lot of time as the user can just read and decide if those are the features they are looking for in that particular instrument. The various technologies used are AJAX, JSP, JQUERY, HTML, CSS, BOOTSTRAP, JAVASCRIPT.



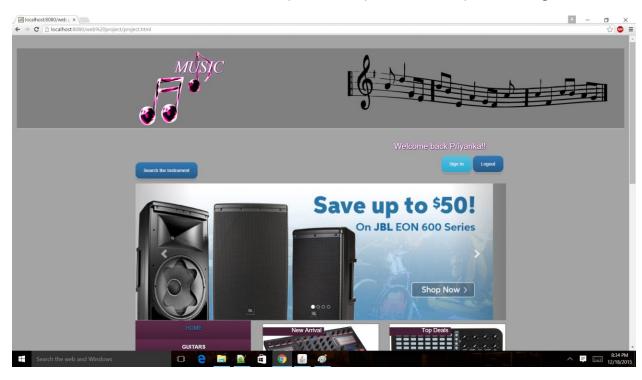
The homepage

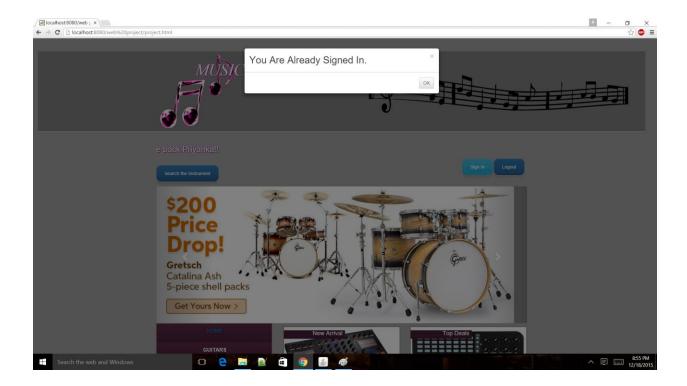


On clicking the Sign In button

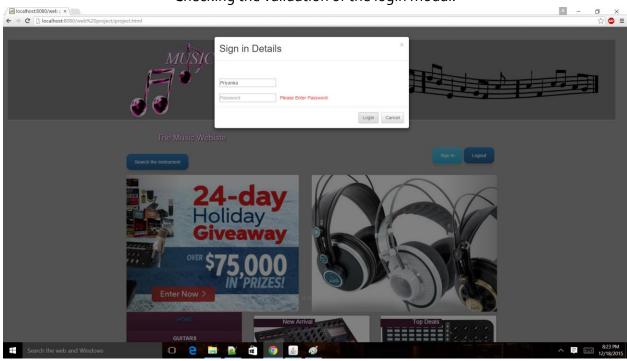


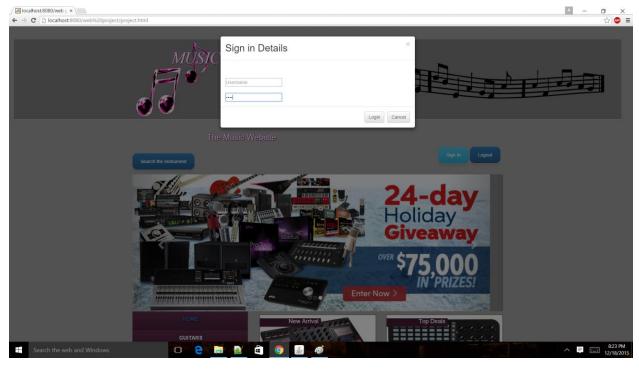
User enters the username= "Priyanka" and password= "Priyanka" to login.

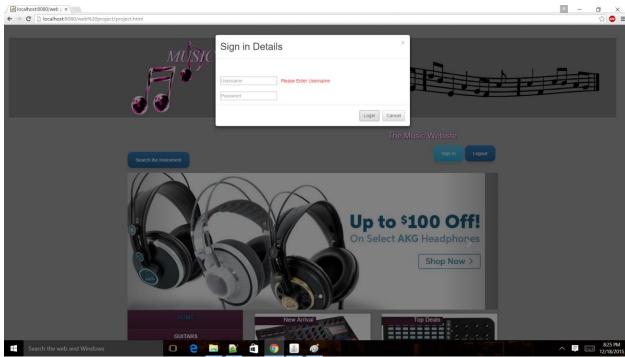


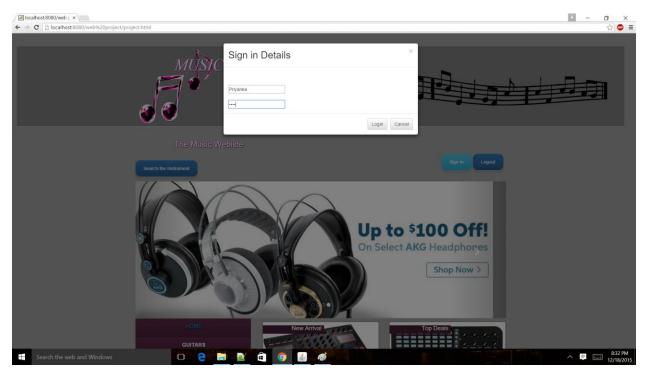


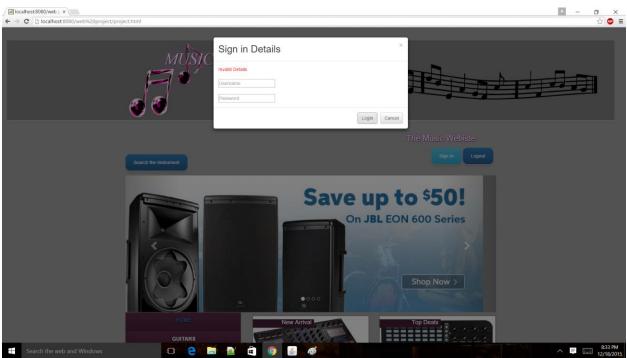
Checking the validation of the login modal.



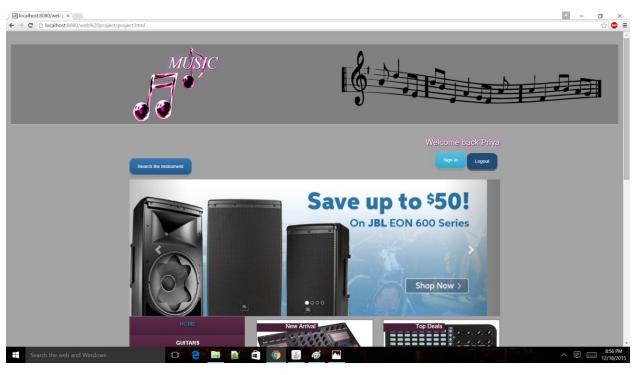


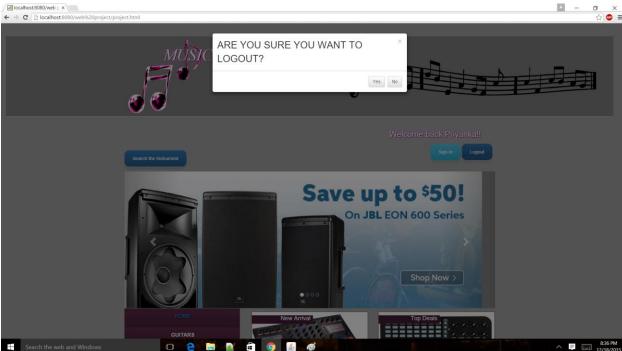


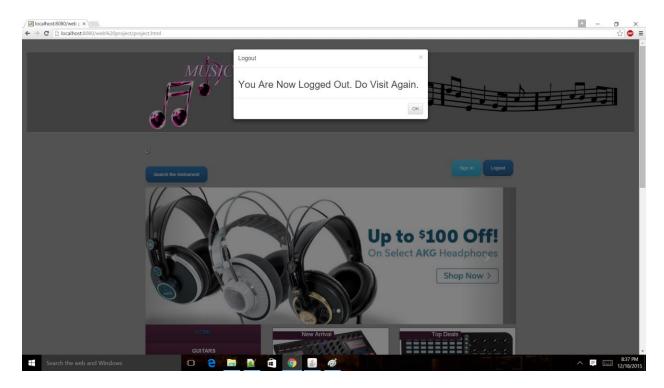




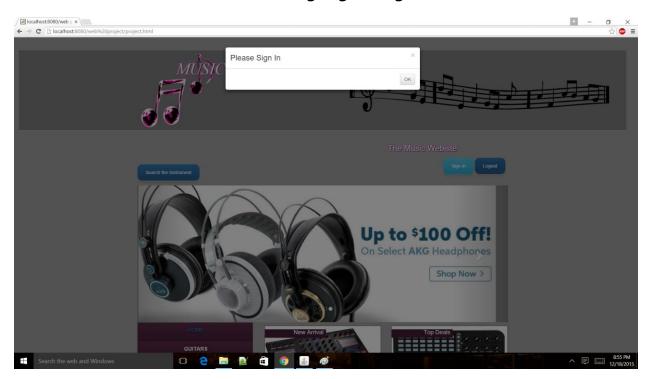
The logout modal

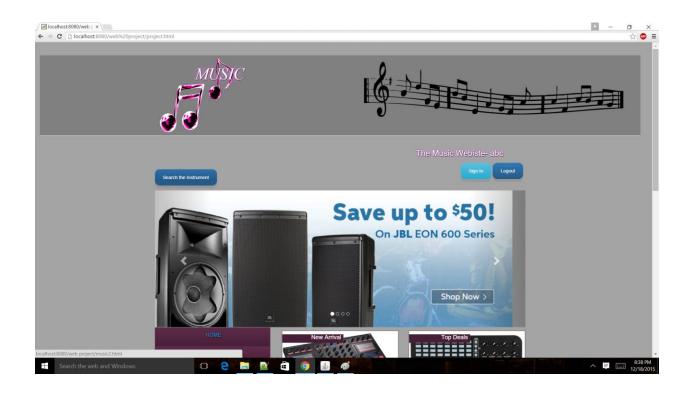




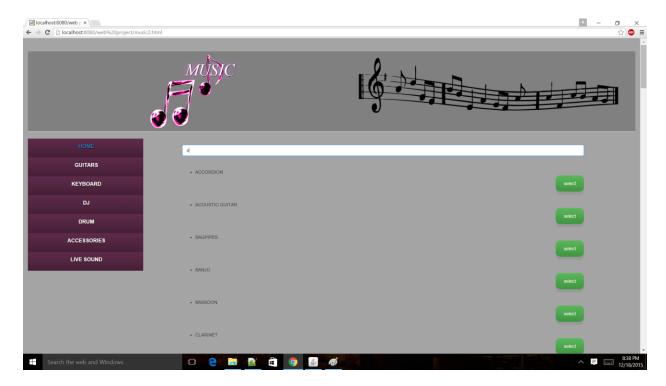


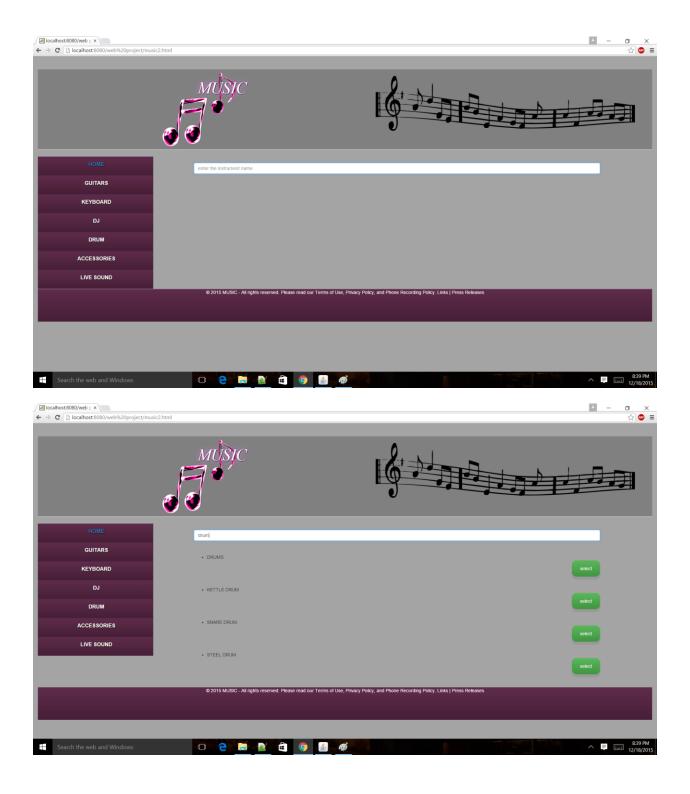
On clicking logout again



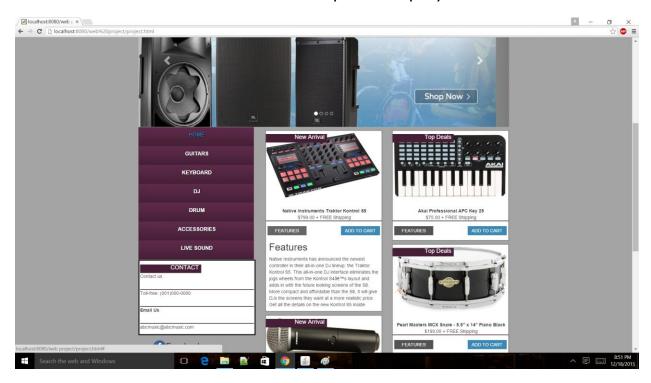


Search the instrument

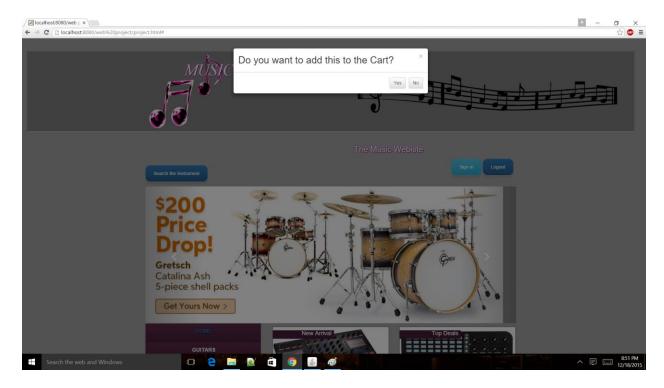


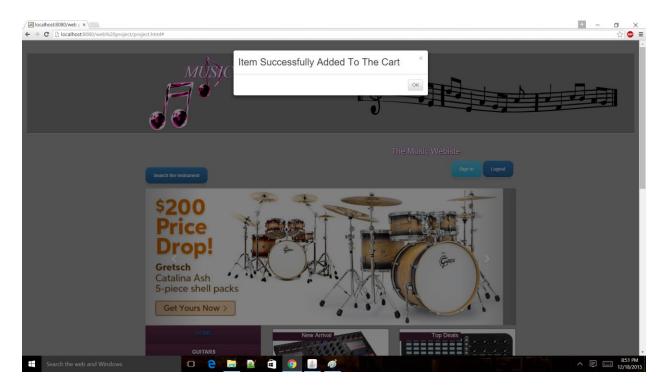


Feature description display

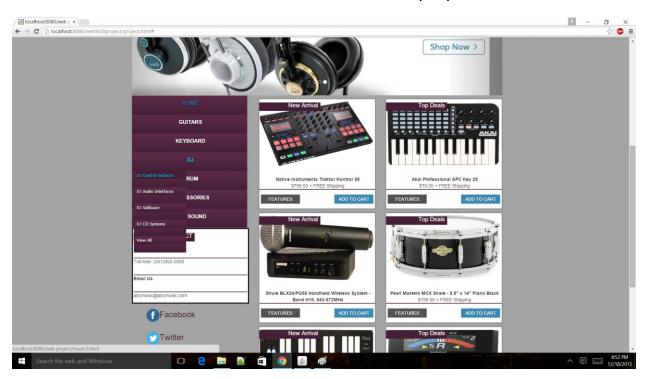


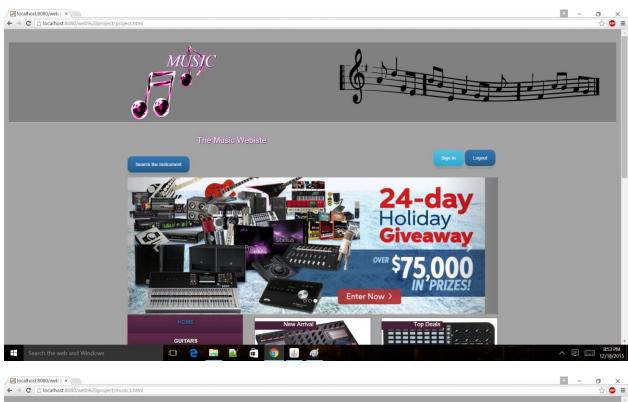
Add to the cart

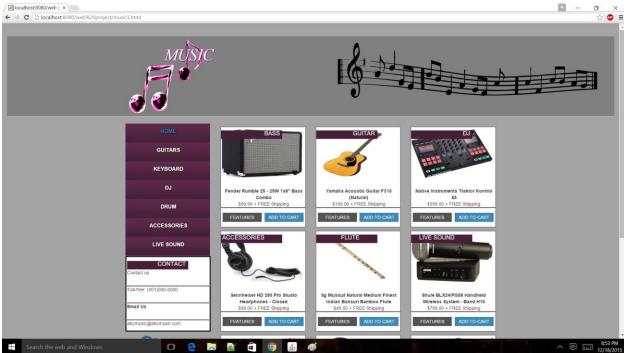


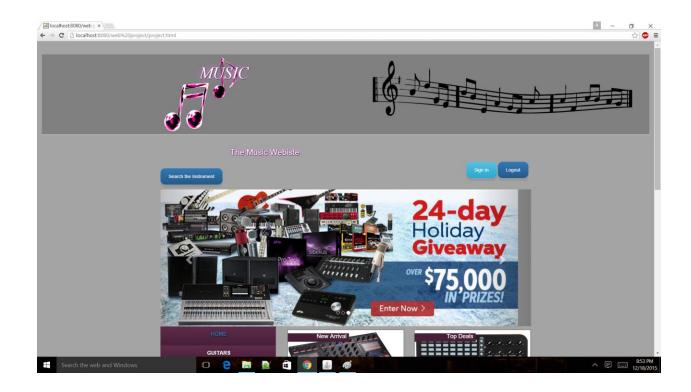


Submenu on click new display









PROJECT.HTML

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" >
link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap-
theme.min.css" >
<link rel="StyleSheet" href="./css/music.css" />
<script type="text/javascript" src="./js/menu.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
</head>
<body >
<div class="container-fluid">
<div class="page-header">
<div class="row">
<div class="col-md-4">
<div id="titlelogo">
<img src="./images/21.png" alt="Music Note Logo" id="titlelog" height=" 227px"
width="227px"/>
</div><!-- End of titlelogo -->
</div>
<div class="col-md-2">
<h1><em> MUSIC</em></h1>
</div><!-- End of col -->
<div class="col-md-6">
<div id="imagelogo">
<img src="./images/note1.png" alt="Music Note Logo" height=" 227px" width="900px" />
</div>
</div>
</div><!-- end of header-->
```

```
</div>
<div class="container">
<div id="logindetails" class="modal fade" role="dialog"><!-- login-->
<div class="modal-dialog">
<!-- Modal content-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">Sign in Details</h2>
</div>
<div class="modal-body">
<br><br>
<input class = "username" type="text" placeholder="Username"> &nbsp; 
"error"><br><br>
<input class = "pswd" type="password" placeholder="Password"> &nbsp; 
"pswd1">
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" id = "confirm1"</pre>
onclick="passwordcheck()">Login</button>
<button type="button" class="btn btn-default cl" data-dismiss="modal">Cancel</button>
</div>
</div>
</div>
</div>
<div id="loggingout" class="modal fade" role="dialog">
<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">Logout</h4>
</div>
<div class="modal-body">
<h2>You Are Now Logged Out. Do Visit Again.</h2>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">OK</button>
```

```
</div>
</div>
</div>
</div>
<div id="trylogout" class="modal fade" role="dialog">
<div class="modal-dialog">
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h3 class="modal-title">Please Sign In</h3>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">OK</button>
</div>
</div>
</div>
</div>
<div id="confirmation" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content logout-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">ARE YOU SURE YOU WANT TO LOGOUT?</h2>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default logoutconfirm">Yes</button>
<button type="button" class="btn btn-default" data-dismiss="modal">No</button>
</div>
</div>
</div>
</div>
<div id="alreadylogin" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content for login press when already logged in-->
```

```
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">You Are Already Signed In.</h2>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">OK</button>
</div>
</div>
</div>
</div>
<div id="addtocartdiv" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content for login press when already logged in-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">Do you want to add this to the Cart?</h2>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default sure">Yes</button>
<button type="button" class="btn btn-default" data-dismiss="modal">No</button>
</div>
</div>
</div>
</div>
<div id="added" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content for login press when already logged in-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">Item Successfully Added To The Cart</h2>
</div>
<div class="modal-footer">
```

```
<button type="button" class="btn btn-default" data-dismiss="modal">OK</button>
</div>
</div>
</div>
</div>
<h2><marquee>The Music Webiste</marquee></h2>
<div class="row">
<div class= "col-md-8 logins ">
<br/>d href = "music2.html"><button type="button" class="btn btn-primary search" >Search
the Instrument</br/>button></a><br/>br>
</div>
<div class= "col-md-4 logins">
<button type="button" class="btn btn-primary logout" >Logout/button>
<button type="button" class="btn btn-info login">Sign In</button>
</div>
</div>
<div class="row">
<div class="col-md-12">
<div id="myCarousel" class="carousel slide" data-ride="carousel">
<!-- Indicators -->

    class="carousel-indicators">

data-target="#myCarousel" data-slide-to="0" class="active">
data-target="#myCarousel" data-slide-to="1">
data-target="#myCarousel" data-slide-to="2">
data-target="#myCarousel" data-slide-to="3">
<!-- Wrapper for slides -->
<div class="carousel-inner" role="listbox">
<div class="item active">
<img src="./images/img1.jpg" alt="books1" width="1100" >
</div>
<div class="item">
<img src="./images/img2.jpg" alt="books2" width="1100">
</div>
```

```
<div class="item">
<img src="./images/img3.jpg" alt="book3" width="1100">
</div>
<div class="item">
<img src="./images/img4.jpg" alt="books4" width="1100">
</div>
</div>
<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><!-- midcol-->
</div><!-- end of row-->
<div class="row">
<div class= "col-md-4 menu">
 <a href="project.html">HOME</a>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
GUITARS
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Electric Guitars</a>
<a href="music3.html" class="menuitem">Guitar Amps</a>
```

```
<a href="music3.html" class="menuitem">Guitar Effects</a>
<a href="music3.html" class="menuitem">Acoustic Electric Guitars</a>
<a href="music3.html" class="menuitem">Acoustic Guitars</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
KEYBOARD
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Synthesizers</a>
<a href="music3.html" class="menuitem">Workstations</a>
<a href="music3.html" class="menuitem">Arrangers</a>
<a href="music3.html" class="menuitem">Production/Groove</a>
<a href="music3.html" class="menuitem">View All</a>
```

```
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
DJ
<div class="menuNormal" >
<a href="music3.html" class="menuitem">DJ Control Surfaces</a>
<a href="music3.html" class="menuitem">DJ Audio Interfaces</a>
<a href="music3.html" class="menuitem">DJ Software</a>
<a href="music3.html" class="menuitem">DJ CD Systems</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
DRUM
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Drum Sets</a>
```

```
<a href="music3.html" class="menuitem">Electronic Drums</a>
<a href="music3.html" class="menuitem">Drum Machines</a>
<a href="music3.html" class="menuitem">Drum Hardware</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
ACCESSORIES
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Audio Cables</a>
<a href="music3.html" class="menuitem">Headphones</a>
<a href="music3.html" class="menuitem">Music Stands</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
```

```
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
LIVE SOUND
<div class="menuNormal" >
<a href="music3.html" class="menuitem">PA Speakers</a>
<a href="music3.html" class="menuitem">In Ear Monitor System</a>
<a href="music3.html" class="menuitem">Power Amplifiers</a>
<a href="music3.html" class="menuitem">Wireless Systems</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<div class="rightContainer">
<div class="middleTitle"><h4>CONTACT</h4></div>
Contact us
</br>
<div class="horzMidRule"></div>
Toll-free: (001)000-0000
</br>
<div class="horzMidRule"></div>
<b>Email Us</b>
<br>
<div class="horzMidRule"></div>
```

```
abcmusic@abcmusic.com
</div> <!-- End of rightContainer -->
<div class="socialIcons">
<a href="https://www.facebook.com" target="_blank"><img src="images/fb.png"</a>
alt="facebook" width="40px" height="40px"/>Facebook</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.twitter.com" target="_blank"><img src="images/twt.png" alt="twitter"
width="40px" height="40px"/>Twitter</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.youtube.com" target="_blank"><img src="images/youtube.png"
alt="youtube" width="40px" height="40px"/>Youtube</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.instagram.com" target="_blank"><img src="images/insta.png"
alt="instagram" width="40px" height="40px"/>Instagram</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.futurity.com" target=" blank"><img src="images/fut.png" alt="futurity"
width="40px" height="40px"/>Futurity</a>
</div><!-- End of socialIcons -->
</div><!-- End of menu -->
<div class="col-md-4">
<div class="middleContainer">
<div class="middleTitle"><h4>New Arrival</h4></div>
<img src="./images/aa.jpg" alt="Featured Image" width="350px" height="200px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Native Instruments Traktor Kontrol S5</b></br>$799.00 +
FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more1">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
```

<div class = "moreinfo1"> <h2>Features</h2>Native Instruments has announced the newest controller in their

all-in-one DJ lineup: the Traktor Kontrol S5. This all-in-one DJ interface eliminates the jogs wheels from

the Kontrol S4's layout and adds in with the future looking screens of the S8. More compact and affordable

than the S8, it will give DJs the screens they want at a more realistic price. Get all the details on the

```
new Kontrol S5 inside.</div>
</div><!-- End of middlecontainer2 -->
<div class="middleContainer">
<div class="middleTitle"><h4>New Arrival</h4></div>
<img src="./images/bb.jpg" alt="Featured Image" width="350px" height="200px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Shure BLX24/PG58 Handheld Wireless System - Band H10,
542-572MHz</b></div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more2">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo2"> <h2>Features</h2>The Shure BLX24/PG58 Handheld Wireless
```

System gives you world-class

design and rock-solid build quality, along with easy setup and operation. Thanks to Shure's cutting-edge

QuickScan technology, frequency selection hassles are a thing of the past. The system includes the BLX4

receiver and the BLX2/PG58 handheld transmitter with integrated PG58 cardioid dynamic microphone capsule.

If you're ready to perform untethered, Shure's BLX wireless systems are a smart, affordable choice.</div>

```
</div><!-- End of middlecontainer3 -->
<div class="middleContainer">
<div class="middleTitle"><h4>New Arrival</h4></div>
<img src="./images/cc.jpg" alt="Featured Image" width="350px" height="200px"</pre>
class="featuredImage" />
```

```
<div class="middleArtTitle"><b>Keith McMillen Instruments K-Board</b></br>$79.00+
FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more3">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo3"> <h2>Features</h2>LED backlit, touch sensitive keys</br>
Ultra-durable and spill proof</br>
Mac, Windows, iOS, Android</br>
Plug & play with any music software</div>
</div> <!-- End of middlecontainer3 -->
</div>
<div class="col-md-4">
<div class="middleContainer" >
<div class="middleTitle"><h4>Top Deals</h4></div>
<img src="./images/dd.jpg" alt="Featured Image" width="350px" height="200px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Akai Professional APC Key 25</b></b>$75.00 + FREE
Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more4">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo4"> <h2>Features</h2>Ableton Live controller with built-in
performance keyboard
Seamlessly integrates 1 to 1 with Ableton Live
Clip-launch matrix with tri-color lighting displays current clip status
25 synth-action mini keys
8 assignable knobs map to Ableton Live and control volume, sends, and more
Shift button and directional arrows manipulate the scope of the grid
Dedicated Octave Up, Octave Down, and Sustain buttons
```

USB-powered and plug-and-play setup for Mac and PC

</div><!-- End of middlecontainer2 -->

Production package included: Ableton Live Lite, Hybrid 3 by AIR Music Tech, SONiVOX Twist, and Toolroom artist launch packs</div>

and quality hardware found on Pearl's high-end Masters series (the drums of choice for heavies such as Virgil Donati).

MCX snares sport MasterCast die-cast hoops, which optimize the depth, clarity, and focus of your sound. When tuned high,

this snare delivers a tight, precise punch that'll cut through the densest of mixes. Tune it lower and infuse an impactful,

husky bark without losing definition.

It even has great cross-stick sound. Power your backbeat with legendary Masters sound and quality: the Pearl MCX1455S.</div>

```
<a href="#" class="more6">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo6"> <h2>Features</h2>A clip-on tuner that you can attach directly to
the head of your instrument
Pitch Hawk-G features dedicated guitar and bass modes and also provides flat/capo settings.
</div>
</div><!-- End of middlecontainer3 -->
</div>
</div><!-- row-->
</div><!-- container-->
<div id="footer">
© 2015 MUSIC - All rights reserved. Please read our
<a href="">Terms of Use</a>,
<a href="">Privacy Policy</a>,
and <a href="">Phone Recording Policy</a>.
<span >
<a href="/about/links.php">Links</a>
| <a href="/about/press-releases/">Press Releases</a>
</span>
<a href=""><!-- Nothing to see here --></a>
</div>
</div><!-- fluid-->
<script>
// for marquee change when username is entered
function passwordcheck()
$("#error").html("");
// hardcode the username and password and check
if(($(".username").val() == "Priyanka" && $(".pswd").val()== "priyanka"))
{
var nm = $(".username").val();
(document.getElementsByTagName("marquee")[0]).innerHTML = "Welcome back " + nm
+"!!";
```

```
$('#logindetails').modal('hide');
$(".username").val() = "";
$(".pswd").val() = "";
}
//checks for username and password together
if($(".username").val() == "" && $(".pswd").val()== "")
$("#error").html("Please Enter Username");
$("#error").css("color", "red");
$("#error").css("display","inline");
(document.getElementsByClassName("username")[0]).value="";
$("#pswd1").html("Please Enter Password");
$("#pswd1").css("color", "red");
$("#pswd1").css("display","inline");
(document.getElementsByClassName("pswd")[0]).value="";
return;
}
//if password empty
if((document.getElementsByClassName("pswd")[0]).value== "")
$("#pswd1").html("Please Enter Password");
$("#pswd1").css("color", "red");
$("#pswd1").css("display","inline");
(document.getElementsByClassName("pswd")[0]).value="";
return;
}
// if username is blank
if((document.getElementsByClassName("username")[0]).value== "")
$("#error").html("Please Enter Username");
$("#error").css("color", "red");
$("#error").css("display","inline");
(document.getElementsByClassName("pswd")[0]).value="";
return;
}
//any other details entered other that specified username and password
```

```
if(!(((document.getElementsByClassName("username")[0]).value) == "Priyanka" &&
((document.getElementsByClassName("pswd")[0]).value) == "priyanka"))
document.getElementById("headerror").innerHTML = "Invalid Details";
document.getElementById("headerror").style.color="red";
document.getElementById("headerror").style.display="inline";
(document.getElementsByClassName("pswd")[0]).value="";
(document.getElementsByClassName("username")[0]).value="";
return;
}
$(".logoutconfirm").click(function(){
$("#confirmation").modal("hide");
(document.getElementsByTagName("marquee")[0]).innerHTML ="The Music Webiste- abc";
$("#loggingout").modal();
});
$(".prodAddToCartBut").click(function(){
$("#addtocartdiv").modal();
});
$(".sure").click(function(){
$("#addtocartdiv").modal("hide");
$("#added").modal();
});
$(".username").keyup(function(){
$("#error").css("display","none");
$("#pswd1").css("display","none");
$("#headerror").css("display","none");
});
$(".pswd").keyup(function(){
$("#error").css("display","none");
$("#pswd1").css("display","none");
$("#headerror").css("display","none");
});
$(".login").click(function(){
```

```
if(!((document.getElementsByTagName("marquee")[0]).innerHTML == "The Music
Webiste"))
{
$("#alreadylogin").modal();
return;
$("#logindetails").modal();
});
$(".logout").click(function(){
if((document.getElementsByTagName("marquee")[0]).innerHTML =="The Music Webiste")
$("#trylogout").modal();
else
$("#confirmation").modal();
}
});
$(".logoutconfirm").click(function(){
$("#confirmation").modal("hide");
(document.getElementsByTagName("marquee")[0]).innerHTML ="The Music Webiste- abc";
$("#loggingout").modal();
});
$(".cl").click(function(){
$("#error").html("");
$("#pswd1").html("");
$(".username").val("");
$(".pswd").val("");
});
$(".more1").mouseenter(function(){
$(".moreinfo1").css("display","block");
});
$(".more1").mouseleave(function(){
$(".moreinfo1").css("display","none");
```

```
});
$(".more2").mouseenter(function(){
$(".moreinfo2").css("display", "block");
});
$(".more2").mouseleave(function(){
$(".moreinfo2").css("display","none");
});
$(".more3").mouseenter(function(){
$(".moreinfo3").css("display","block");
});
$(".more3").mouseleave(function(){
$(".moreinfo3").css("display","none");
});
$(".more4").mouseenter(function(){
$(".moreinfo4").css("display","block");
});
$(".more4").mouseleave(function(){
$(".moreinfo4").css("display","none");
});
$(".more5").mouseenter(function(){
$(".moreinfo5").css("display", "block");
});
$(".more5").mouseleave(function(){
$(".moreinfo5").css("display","none");
});
$(".more6").mouseenter(function(){
$(".moreinfo6").css("display","block");
});
$(".more6").mouseleave(function(){
$(".moreinfo6").css("display", "none");
});
```

```
</script>
</body>
</html>
```

MUSIC2.HTML

```
<!DOCTYPE html>
<html>
<head>
<style>
.mybutton{
margin-left:20px;
float:right;
}
</style>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"
integrity="sha384-
1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7"
crossorigin="anonymous">
```

```
<!-- Optional theme -->
k rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap-
theme.min.css" integrity="sha384-
fLW2N011MqjakBkx3l/M9EahuwpSfeNvV63J5ezn3uZzapT0u7EYsXMjQV+0En5r"
crossorigin="anonymous">
<link rel="StyleSheet" href="./css/music.css" />
<!-- Latest compiled and minified JavaScript -->
<script type="text/javascript" src="./js/menu.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"</pre>
integrity="sha384-
0mSbJDEHialfmuBBQP6A4Qrprq5OVfW37PRR3j5ELqxss1yVqOtnepnHVP9aJ7xS"
crossorigin="anonymous"></script>
<script>
function ajaxFunction(instrumentname) //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
//instrumentname is the function parameter passed when the JS function is called
xmlHttp.open("GET", "cities.jsp?q=" + instrumentname, 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 instrudiv = document.getElementById("textfor");
var serverData = xmlHttp.responseText;
if(instrumentname == "")
instrudiv.innerHTML = "";
else
instrudiv.innerHTML = serverData;
</script>
</head>
<body>
<div class="container-fluid">
<div class="page-header">
<div class="row">
<div class="col-md-4">
<div id="titlelogo">
```

```
<img src="./images/21.png" alt="Music Note Logo" id="titlelog" height=" 227px"</pre>
width="227px"/>
</div><!-- End of titlelogo -->
</div>
<div class="col-md-2">
<h1><em> MUSIC</em></h1>
</div><!-- End of col -->
<div class="col-md-6">
<div id="imagelogo">
<img src="./images/note1.png" alt="Music Note Logo" height=" 227px" width="900px" />
</div>
</div>
</div><!-- end of header-->
</div>
<div class="row">
<div class= "col-md-3 menu ">
  <a href="project.html"> HOME </a>  
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
GUITARS
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Electric Guitars</a>
<a href="music3.html" class="menuitem">Guitar Amps</a>
<a href="music3.html" class="menuitem">Guitar Effects</a>
```

```
<a href="music3.html" class="menuitem">Acoustic Electric Guitars</a>
<a href="music3.html" class="menuitem">Acoustic Guitars</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
KEYBOARD
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Synthesizers</a>
<a href="music3.html" class="menuitem">Workstations</a>
<a href="music3.html" class="menuitem">Arrangers</a>
<a href="music3.html" class="menuitem">Production/Groove</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
```

```
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
DJ
<div class="menuNormal" >
<a href="music3.html" class="menuitem">DJ Control Surfaces</a>
<a href="music3.html" class="menuitem">DJ Audio Interfaces</a>
<a href="music3.html" class="menuitem">DJ Software</a>
<a href="music3.html" class="menuitem">DJ CD Systems</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
DRUM
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Drum Sets</a>
<a href="music3.html" class="menuitem">Electronic Drums</a>
<a href="music3.html" class="menuitem">Drum Machines</a>
```

```
<a href="music3.html" class="menuitem">Drum Hardware</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
ACCESSORIES
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Audio Cables</a>
<a href="music3.html" class="menuitem">Headphones</a>
<a href="music3.html" class="menuitem">Music Stands</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
LIVE SOUND
```

```
<div class="menuNormal" >
<a href="music3.html" class="menuitem">PA Speakers</a>
<a href="music3.html" class="menuitem">In Ear Monitor System</a>
<a href="music3.html" class="menuitem">Power Amplifiers</a>
<a href="music3.html" class="menuitem">Wireless Systems</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
</div><!-- menu-->
<div class="col-md-8 bar ">
<br/>dr><input class="form-control" type="text" placeholder="enter the instrument name"</pre>
onkeyup = "ajaxFunction(this.value)">
<br>><br>>
<div id = "textfor"></div>
</div>
<div class="col-md-1">
</div>
</div><!-- row-->
<div id="footer" class="footer">
© 2015 MUSIC - All rights reserved. Please read our
<a href="">Terms of Use</a>,
<a href="">Privacy Policy</a>,
and <a href="">Phone Recording Policy</a>.
```

```
<span >
<a href=" ">Links</a>
| <a href=" ">Press Releases</a>
</span>
<a href=""><!-- Nothing to see here --></a>
</div>
</div><!-- fluid-->
</body>
</html>
```

MUSIC₃.HTML

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">
link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap-theme.min.css">
link rel="Stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap-theme.min.css">
link rel="StyleSheet" href="./css/music.css"/>
<script type="text/javascript" src="./js/menu.js"></script>
</script>
```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
</head>
<body >
<div class="container-fluid">
<div class="page-header">
<div class="row">
<div class="col-md-4">
<div id="titlelogo">
<img src="./images/21.png" alt="Music Note Logo" id="titlelog" height=" 227px"
width="227px"/>
</div><!-- End of titlelogo -->
</div>
<div class="col-md-2">
<h1><em> MUSIC</em></h1>
</div><!-- End of col -->
<div class="col-md-6">
<div id="imagelogo">
<img src="./images/note1.png" alt="Music Note Logo" height=" 227px" width="900px" />
</div>
</div>
</div><!-- end of row-->
</div><!-- end of header-->
<div id="addtocartdiv" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content for login press when already logged in-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">Do you want to add this to the Cart?</h2>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default sure">Yes</button>
<button type="button" class="btn btn-default" data-dismiss="modal">No</button>
</div>
</div>
</div>
```

```
</div>
<div id="added" class="modal fade" role="dialog">
<div class="modal-dialog">
<!-- Modal content for login press when already logged in-->
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal">&times;</button>
<h2 class="modal-title">Item successfully added to the Cart</h2>
</div>
<div class="modal-footer">
<button type="button" class="btn btn-default" data-dismiss="modal">Ok</button>
</div>
</div>
</div>
</div>
<div class="container">
<div class="row">
<div class= "col-md-3 menu">
 <a href="project.html"> HOME</a>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
GUITARS
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Electric Guitars</a>
<a href="music3.html" class="menuitem">Guitar Amps</a>
```

```
<a href="music3.html" class="menuitem">Guitar Effects</a>
<a href="music3.html" class="menuitem">Acoustic Electric Guitars</a>
<a href="music3.html" class="menuitem">Acoustic Guitars</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
KEYBOARD
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Synthesizers</a>
<a href="music3.html" class="menuitem">Workstations</a>
<a href="music3.html" class="menuitem">Arrangers</a>
<a href="music3.html" class="menuitem">Production/Groove</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
```

```
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
<p>DJ</p>
<div class="menuNormal" >
<a href="music3.html" class="menuitem">DJ Control Surfaces</a>
<a href="music3.html" class="menuitem">DJ Audio Interfaces</a>
<a href="music3.html" class="menuitem">DJ Software</a>
<a href="music3.html" class="menuitem">DJ CD Systems</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
DRUM
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Drum Sets</a>
<a href="music3.html" class="menuitem">Electronic Drums</a>
```

```
<a href="music3.html" class="menuitem">Drum Machines</a>
<a href="music3.html" class="menuitem">Drum Hardware</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
ACCESSORIES
<div class="menuNormal" >
<a href="music3.html" class="menuitem">Audio Cables</a>
<a href="music3.html" class="menuitem">Headphones</a>
<a href="music3.html" class="menuitem">Music Stands</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
```

```
<td class="menuNormal" onmouseover="expand(this);"
onmouseout="collapse(this);">
LIVE SOUND
<div class="menuNormal" >
<a href="music3.html" class="menuitem">PA Speakers</a>
<a href="music3.html" class="menuitem">In Ear Monitor System</a>
<a href="music3.html" class="menuitem">Power Amplifiers</a>
<a href="music3.html" class="menuitem">Wireless Systems</a>
<a href="music3.html" class="menuitem">View All</a>
</div>
<div class="rightContainer">
<div class="middleTitle"><h4>CONTACT</h4></div>
Contact us
</br>
<div class="horzMidRule"></div>
Toll-free: (001)000-0000
</br>
<div class="horzMidRule"></div>
<b>Email Us</b>
<br>
<div class="horzMidRule"></div>
abcmusic@abcmusic.com
```

```
</div> <!-- End of rightContainer -->
<div class="socialIcons">
<a href="https://www.facebook.com" target="_blank"><img src="images/fb.png"</a>
alt="facebook" width="40px" height="40px"/>Facebook</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.twitter.com" target="_blank"><img src="images/twt.png" alt="twitter"
width="40px" height="40px"/>Twitter</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.youtube.com" target="_blank"><img src="images/youtube.png"
alt="youtube" width="40px" height="40px"/>Youtube</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.instagram.com" target="_blank"><img src="images/insta.png"
alt="instagram" width="40px" height="40px"/>Instagram</a>
</div><!-- End of socialIcons -->
<div class="socialIcons">
<a href="https://www.futurity.com" target="_blank"><img src="images/fut.png" alt="futurity"
width="40px" height="40px"/>Futurity</a>
</div><!-- End of socialIcons -->
</div><!-- End of menu -->
<div class="col-md-3">
<div class="middleContainer">
<div class="middleTitle"><h4>BASS</h4></div>
<img src="./images/1.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Fender Rumble 25 - 25W 1x8" Bass Combo</b></br>$99.99
+ FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more1">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo1"> <h2>Features</h2>Native Instruments has announced the newest
controller in their
```

all-in-one DJ lineup: the Traktor Kontrol S5. This all-in-one DJ interface eliminates the jogs wheels from

the Kontrol S4's layout and adds in with the future looking screens of the S8. More compact and affordable

than the S8, it will give DJs the screens they want at a more realistic price. Get all the details on the

```
new Kontrol S5 inside.</div>
</div><!-- End of middlecontainer2 -->
<div class="middleContainer">
<div class="middleTitle"><h4>ACCESSORIES</h4></div>
<img src="./images/6.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Sennheiser HD 280 Pro Studio Headphones -
Closed</b></br>$99.00 + FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more2">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo2"> <h2>Features</h2>The Shure BLX24/PG58 Handheld Wireless
```

System gives you world-class

design and rock-solid build quality, along with easy setup and operation. Thanks to Shure's cutting-edge

QuickScan technology, frequency selection hassles are a thing of the past. The system includes the BLX4

receiver and the BLX2/PG58 handheld transmitter with integrated PG58 cardioid dynamic microphone capsule.

If you're ready to perform untethered, Shure's BLX wireless systems are a smart, affordable choice.</div>

```
</div><!-- End of middlecontainer3 -->
<div class="middleContainer">
<div class="middleTitle"><h4>DRUM</h4></div>
<img src="./images/3.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
```

<div class="middleArtTitle">Ludwig Classic Maple 3-piece Shell Pack 22" Kick - White Marine Pearl</br>\$79.00+ FREE Shipping</div>

```
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more3">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo3"> <h2>Features</h2>LED backlit, touch sensitive keys</br>
Ultra-durable and spill proof</br>
Mac, Windows, iOS, Android</br>
Plug & play with any music software</div>
</div><!-- End of middlecontainer3 -->
</div>
<div class="col-md-3">
<div class="middleContainer">
<div class="middleTitle"><h4>GUITAR</h4></div>
<img src="./images/7.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Yamaha Acoustic Guitar F310 (Natural)</b></br>$199.00 +
FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more4">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo4"> <h2>Features</h2>Native Instruments has announced the newest
controller in their
all-in-one DJ lineup: the Traktor Kontrol S5. This all-in-one DJ interface eliminates the jogs
wheels from
the Kontrol S4's layout and adds in with the future looking screens of the S8. More
compact and affordable
than the S8, it will give DJs the screens they want at a more realistic price. Get all the details on
new Kontrol S5 inside.</div>
</div><!-- End of middlecontainer2 -->
```

```
<div class="middleContainer">
<div class="middleTitle"><h4>FLUTE</h4></div>
<img src="./images/8.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Sg Musical Natural Medium Finest Indian Bansuri Bamboo
Flute</b></br>$49.00 + FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more5">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo5"> <h2>Features/h2>The Shure BLX24/PG58 Handheld Wireless
System gives you world-class
design and rock-solid build quality, along with easy setup and operation. Thanks to Shure's
cutting-edge
QuickScan technology, frequency selection hassles are a thing of the past. The system includes
the BLX4
receiver and the BLX2/PG58 handheld transmitter with integrated PG58 cardioid dynamic
microphone capsule.
If you're ready to perform untethered, Shure's BLX wireless systems are a smart, affordable
choice.</div>
</div><!-- End of middlecontainer3 -->
<div class="middleContainer">
<div class="middleTitle"><h4>DRUM</h4></div>
<img src="./images/4.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Behringer XD80USB 8-piece High-performance Electronic
Drum Set</b></br>$399.00+ FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more6">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
```

```
<div class = "moreinfo6"> <h2>Features</h2>LED backlit, touch sensitive keys</br>
Ultra-durable and spill proof</br>
Mac, Windows, iOS, Android</br>
Plug & play with any music software</div>
</div><!-- End of middlecontainer3 -->
</div>
<div class="col-md-3">
<div class="middleContainer">
<div class="middleTitle"><h4>DJ</h4></div>
<img src="./images/aa.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Native Instruments Traktor Kontrol S5</b></br>$399.00 +
FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more7">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo7"> <h2>Features</h2>Native Instruments has announced the newest
controller in their
all-in-one DJ lineup: the Traktor Kontrol S5. This all-in-one DJ interface eliminates the jogs
wheels from
the Kontrol S4's layout and adds in with the future looking screens of the S8. More
compact and affordable
than the S8, it will give DJs the screens they want at a more realistic price. Get all the details on
the
new Kontrol S5 inside.</div>
</div><!-- End of middlecontainer2 -->
<div class="middleContainer">
<div class="middleTitle"><h4>LIVE SOUND</h4></div>
<img src="./images/bb.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Shure BLX24/PG58 Handheld Wireless System - Band
H10</b></br>$799.00 + FREE Shipping</div>
<div class="horzMidRule"></div>
```

```
<div class="prodMoreInfoBut">
<a href="#" class="more8">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo8"> <h2>Features/h2>The Shure BLX24/PG58 Handheld Wireless
System gives you world-class
design and rock-solid build quality, along with easy setup and operation. Thanks to Shure's
cutting-edge
QuickScan technology, frequency selection hassles are a thing of the past. The system includes
the BLX4
receiver and the BLX2/PG58 handheld transmitter with integrated PG58 cardioid dynamic
microphone capsule.
If you're ready to perform untethered, Shure's BLX wireless systems are a smart, affordable
choice.</div>
</div><!-- End of middlecontainer3 -->
<div class="middleContainer">
<div class="middleTitle"><h4>KEYBOARD</h4></div>
<img src="./images/5.jpg" alt="Featured Image" width="250px" height="150px"</pre>
class="featuredImage" />
<div class="middleArtTitle"><b>Roland Boutique Series K-25m Limited-edition Keyboard
Unit</b></br>$99.00+ FREE Shipping</div>
<div class="horzMidRule"></div>
<div class="prodMoreInfoBut">
<a href="#" class="more9">FEATURES</a>
</div>
<div class="prodAddToCartBut">
<a href="#">ADD TO CART</a>
</div>
<div class = "moreinfo9"> <h2>Features</h2>LED backlit, touch sensitive keys</br>
Ultra-durable and spill proof</br>
Mac, Windows, iOS, Android</br>
Plug & play with any music software</div>
</div><!-- End of middlecontainer3 -->
</div>
</div><!-- row-->
```

```
</div>
<div id="footer" class="footer">
© 2015 MUSIC - All rights reserved. Please read our
<a href="">Terms of Use</a>,
<a href="">Privacy Policy</a>,
and <a href="">Phone Recording Policy</a>.
<span >
<a href="/about/links.php">Links</a>
| <a href="/about/press-releases/">Press Releases</a>
</span>
<a href=""><!-- Nothing to see here --></a>
</div>
</div><!-- end of fluid-->
<script>
$(".more1").mouseenter(function(){
$(".moreinfo1").css("display","block");
});
$(".more1").mouseleave(function(){
$(".moreinfo1").css("display","none");
});
$(".more2").mouseenter(function(){
$(".moreinfo2").css("display", "block");
});
$(".more2").mouseleave(function(){
$(".moreinfo2").css("display","none");
});
$(".more3").mouseenter(function(){
$(".moreinfo3").css("display","block");
});
$(".more3").mouseleave(function(){
$(".moreinfo3").css("display","none");
});
$(".more4").mouseenter(function(){
```

```
$(".moreinfo4").css("display","block");
});
$(".more4").mouseleave(function(){
$(".moreinfo4").css("display","none");
});
$(".more5").mouseenter(function(){
$(".moreinfo5").css("display", "block");
});
$(".more5").mouseleave(function(){
$(".moreinfo5").css("display","none");
});
$(".more6").mouseenter(function(){
$(".moreinfo6").css("display","block");
});
$(".more6").mouseleave(function(){
$(".moreinfo6").css("display","none");
});
$(".more7").mouseenter(function(){
$(".moreinfo7").css("display", "block");
});
$(".more7").mouseleave(function(){
$(".moreinfo7").css("display","none");
});
$(".more8").mouseenter(function(){
$(".moreinfo8").css("display", "block");
});
$(".more8").mouseleave(function(){
$(".moreinfo8").css("display","none");
});
$(".more9").mouseenter(function(){
$(".moreinfo9").css("display", "block");
```

```
});
$(".more9").mouseleave(function(){
$(".moreinfo9").css("display","none");
});
$(".prodAddToCartBut").click(function(){
$("#addtocartdiv").modal();
});
$(".sure").click(function(){
$("#addtocartdiv").modal("hide");
$("#added").modal();
});
</script>
</body>
</html>
```

CITIES.JSP

<%

```
String [] instruments = new String[113];
instruments[0] = "accordion";
instruments[1] = "acoustic guitar";
instruments[2] = "bagpipes";
instruments[3] = "banjo";
instruments[4] = "bassoon";
```

```
instruments[5] = "bell";
instruments[6] = "bongo";
instruments[7] = "bugle";
instruments[8] = "clarinet";
instruments[9] = "castanets";
instruments[10] = "cello";
instruments[11] = "clarinet";
instruments[12] = "conga";
instruments[13] = "cornet";
instruments[14] = "cymbals";
instruments[15] = "chimes";
instruments[16] = "cowbell";
instruments[17] = "drums";
instruments[18] = "ektara";
instruments[19] = "erhu";
instruments[20] = "erxian";
instruments[21] = "flute";
instruments[22] = "flutophone";
instruments[23] = "flugelhorn";
instruments[24] = "French horn";
instruments[25] = "finger cymbals";
instruments[26] = "fiddle";
instruments[27] = "harmonica";
instruments[28] = "harp";
instruments[29] = "harpsichord";
instruments[30] = "horn";
```

```
instruments[31] = "Harp";
instruments[32] = "Harpsichord";
instruments[33] = "lpu lgil";
instruments[34] = "Irish bouzouki";
instruments[35] = "Inci";
instruments[36] = "Irish Uilleann";
instruments[37] = "Istarski mih";
instruments[38] = "jug Janggu";
instruments[39] = "Jew's harp";
instruments[40] = "Jiaohu";
instruments[41] = "Jinghu";
instruments[42] = "kazoo";
instruments[43] = "keyboard";
instruments[44] = "kettle drum";
instruments[45] = "lute";
instruments[46] = "lyre";
instruments[47] = "mandolin";
instruments[48] = "maracas";
instruments[49] = "Naqara";
instruments[50] = "Nyckelharpa";
instruments[51] = "Nadaswaram";
instruments[52] = "Natural Trumpet";
instruments[53] = "Nay";
instruments[54] = "Ney";
instruments[55] = "Northumbrian small pipes";
instruments[56] = "Nose flute";
```

```
instruments[57] = "organ";
instruments[58] = "oboe";
instruments[59] = "piano";
instruments[60] = "percussions";
instruments[61] = "pipe organ";
instruments[62] = "Piccolo";
instruments[63] = "quinticlave";
instruments[64] = "Qanun";
instruments[65] = "Quena";
instruments[66] = "recorder";
instruments[67] = "rain stick";
instruments[68] = "rattle";
instruments[69] = "reed pipe";
instruments[70] = "saxophone";
instruments[71] = "snare drum";
instruments[72] = "steel drum";
instruments[73] = "strings";
instruments[74] = "sousaphone";
instruments[75] = "synthesizer";
instruments[76] = "Spoons";
instruments[77] = "Sitar";
instruments[78] = "Slide guitar";
instruments[79] = "Steel guitar";
instruments[8o] = "Slide whistle";
instruments[81] = "tambourine";
instruments[82] = "triangle";
```

```
instruments[83] = "trombone";
instruments[84] = "trumpet";
instruments[85] = "tuba";
instruments[86] = "turntables";
instruments[87] = "Tom-tom";
instruments[88] = "ukulele";
instruments[89] = "Udu Ud/ oud";
instruments[90] = "Irish Uilleann";
instruments[91] = "viola";
instruments[92] = "violin";
instruments[93] = "Vertical flute";
instruments[94] = "Whip/slapstick";
instruments[95] = "Welsh pipes";
instruments[96] = "Willow flute";
instruments[97] = "Wind Chimes";
instruments[98] = "Washtub bass";
instruments[99] = "whistle";
instruments[100] = "xylophone";
instruments[101] = "Xylorimba";
instruments[102] = "Xalam";
instruments[103] = "Xiaodihu";
instruments[104] = "Xiao";
instruments[105] = "Xun";
instruments[106] = "Yun Lo";
instruments[107] = "Yayli tanbur";
instruments[108] = "Yehu";
```

```
instruments[109] = "zither";
       instruments[110] = "Zhongdihu";
       instruments[111] = "Zampogna";
       instruments[112] = "Zurna";
       //read user input
       String instrument123 = request.getParameter("q"); //q is the name of the parameter from AJAX
call
 String instrument = instrument123.toUpperCase();
       //I am using UL/LI to return the data to xmlHttp object. Could be anything.
       String result = "<UL>";
       for (String currentinstrument: instruments) //new for loop
       {
               currentinstrument = currentinstrument.toUpperCase();
               if (currentinstrument.contains(instrument))
               {
                       result += "<LI>" + currentinstrument + "</LI>"+"<a href
='http://www.google.com'><button class = 'btn btn-success
mybutton'>select</button></a></LI><br>><br>/br>";
               }
       }
       result += "</UL>";
       out.println(result); //send this to xmlHttp object
```

MENU.JS

```
function expand(s)
{
  var td = s;
  var d = td.getElementsByTagName("div").item(o);
  td.className = "menuHover";
```

```
d.className = "menuHover";
}

function collapse(s)
{
  var td = s;
  var d = td.getElementsByTagName("div").item(o);

  td.className = "menuNormal";
  d.className = "menuNormal";
}
```

MUSIC.CSS

```
body{
    background:#A4A4A4;
}
#imagelogo{
    float:right;
```

```
}
.page-header{
        background: gray;
        color:white;
        padding-top: 10px;
}
.login{float:right;margin-right: 1%;}
.logout{float:right;margin-right: 2%;}
.search{ float:left;
}
.logins{
        margin-bottom: 15px;
}
#titlelogo{
        float:right;
        padding-left: 15px;
}
h1 em{
        position:relative;
        left:-150px;
        font-family: "Times New Roman", Times, serif;
```

```
font-size: 50px;
       }
.btn-warning,.btn-success,.btn-danger,.btn-primary,.btn-info
{
        display: inline-block;
padding: 15px 25px;
cursor: pointer;
text-align: center;
text-decoration: none;
border: none;
border-radius: 15px;
box-shadow: o 9px #999;
}
.btn-warning:active,.btn-success:active,.btn-danger:active,.btn-primary:active,.btn-info:active{
        box-shadow: o 5px #666;
transform: translateY(4px);
}
button{
        outline:none!important;
}
td p{
       text-align:center;
        padding-top:20px;
```

padding-bottom:20px;

```
}
div#menu{
background-color: #471F37;
position: relative;
z-index: 200;
}
table.navbar
{font: bold 16px/.5 sans-serif;
text-shadow: #000000 1px 1px 1px;
margin: opx;
padding: opx;
position: relative;
z-index: 20
}
table.menu
{font-size: 10pt;
margin: opx;
padding: opx;
}
td.menuNormal
{padding: opx opx opx 5px;
```

```
width: 16opx;
height: 50px;
color: white;
vertical-align: top; /* Sets the vertical alignment to the top of the div */
background: #471F37;
filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#5f2c4b', endColorstr='#471F37');
/* for IE */
background-image: -webkit-gradient(linear, left top, left bottom, from(#5f2c4b), to(#471F37)); /* for
webkit browsers */
background-image: -moz-linear-gradient(top, #5f2c4b, #471F37); /* for firefox 3.6+ */
border-right:1px solid #5f2c4b;
border-left: 1px solid #471F37;
}
td.menuHover
{padding: opx opx opx 5px;
width: 16opx;
color: #obd4ff;
vertical-align: top;
/*remove the following lines for drop-down menu with images*/
background: #471F37;
filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#5f2c4b', endColorstr='#471F37');
/* for IE */
background-image: -webkit-gradient(linear, left top, left bottom, from(#5f2c4b), to(#471F37)); /* for
webkit browsers */
background-image: -moz-linear-gradient(top, #5f2c4b, #471F37); /* for firefox 3.6+ */
border-right:1px solid #5f2c4b;
border-left: 1px solid #471F37;
```

```
div.menuNormal
{display: none; /* States that this div should not display */
font: 12px/1.5 tahoma, sans-serif;
position: static; /* Tells the element to just flow with everything else */
}
div.menuHover
{
font: 14px/1.5 tahoma, sans-serif;
background: #471F37;
filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#5f2c4b', endColorstr='#471F37');
/* for IE */
background-image: -webkit-gradient(linear, left top, left bottom, from(#5f2c4b), to(#471F37)); /* for
webkit browsers */
background-image: -moz-linear-gradient(top, #5f2c4b, #471F37); /* for firefox 3.6+ */
display: inline; /* Tells the div to generate an inline box with no line break*/
position: absolute; /* Positions the element relative to the parent */
}
a.menuitem:link
{text-decoration: none;
color: white;
padding: 2.5px;
background: #471F37;
```

}

```
filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#5f2c4b', endColorstr='#471F37');
/* for IE */
background-image: -webkit-gradient(linear, left top, left bottom, from(#5f2c4b), to(#471F37)); /* for
webkit browsers */
background-image: -moz-linear-gradient(top, #5f2c4b, #471F37); /* for firefox 3.6+ */
text-shadow: #000000 1px 1px 1px;
display: block;
}/* Display a line break before and after the box */
a.menuitem:visited
{text-decoration: none;
color: white;
padding: 2.5px;
background: #471F37;
filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#5f2c4b', endColorstr='#000f2e');
/* for IE */
background-image: -webkit-gradient(linear, left top, left bottom, from(#5f2c4b), to(#000f2e)); /* for
webkit browsers */
background-image: -moz-linear-gradient(top, #5f2c4b, #471F37); /* for firefox 3.6+ */
border-bottom: 1px solid #5f2c4b;
border-top: 1px solid #471F37;
display: block;} /* Display a line break before and after the box */
a.menuitem:hover
{text-decoration: none;
color: #obd4ff;
padding: 2.5px;
background: #471F37;
```

```
border-bottom: 1px solid #5f2c4b;
border-top: 1px solid #471F37;
display: block;} /* Display a line break before and after the box */
a.menuitem:active
{text-decoration: none;
color: #D8AFBE;
padding: 2.5px;
background: #5f2c4b;
border-bottom: 1px solid #5f2c4b;
border-top: 1px solid #471F37;
display: block;} /* Display a line break before and after the box */
div.middleTitle {
               font: 14px/1.4 'PT Sans Narrow', sans-serif;
               background-color: #471F37;
               color: #FFF;
               width: 188px;
               height: 26px;
               margin-top: 5px;
               text-align: right;
               padding-right: 7px;
               position: relative;
```

```
z-index: 10;
}
.featuredImage {
        position: relative;
       left: 1px;
       top: -3opx;
}
.middleContainer{
       background: white;
       border:2px solid gray;
       margin-top:10px;
        margin-bottom:10px;
}
.middleArtTitle {
text-align: center;
       padding-left: 4px;
}
.prodMoreInfoBut {
```

```
background-color: #535353;
       height: 28px;
       width: 120px;
       margin-top:15px;
       margin-left: 5px;
       margin-bottom:15px;
       padding:4px;
       text-align:center;
}
.prodMoreInfoBut a{
       text-decoration: none;
       color: #fff;
}
.prodMoreInfoBut:hover {
       background-color: #666;
}
.prodAddToCartBut {
       float:right;
       background-color: #3c89b5;
       height: 28px;
       width: 120px;
       position:relative;
       top:-58px;
       margin-top:15px;
       margin-right: 5px;
```

```
padding:4px;
               text-align:center;
       }
       .prodAddToCartBut a{
               text-decoration: none;
               color: #fff;
       }
       .prodAddToCartBut:hover {
               background-color: #666;
       }
.rightContainer {
               background-color: #FFF;
               border: 3px solid #000;
               padding: 2px;
               height: auto;
       }
       .horzMidRule {
               background-color: #471f37;
               height: 2px;
       }
       .socialIcons a{
```

```
text-decoration: none;
              color: #471F37;
              margin-left: 40px;
              margin-top: 4%;
       }
       .sociallcons {
              margin-bottom:20px;
              margin-right: 30px;
              margin-top: 3%;
              padding: 5px;
              font-size: 25px;
       }
       #footer {
              background: #471F37;
              filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#5f2c4b',
background-image: -webkit-gradient(linear, left top, left bottom, from(#5f2c4b),
to(#471F37)); /* for webkit browsers */
              background-image: -moz-linear-gradient(top, #5f2c4b, #471F37); /* for firefox 3.6+ */
              float: left;
              width: 100%;
              height: 100px;
              text-align: center;
              color:white;
```

```
#footer a{
       text-decoration: none;
       color:white;
       }
       em,marquee{
               color: white;
 text-shadow: 1px 1px 2px black, o o 25px #F781F3, o o 5px #8Ao886;
       font-size: 25px;
       }
.bar{
       float:left;
}
.moreinfo1{display:none;
padding-left: 10px;
padding-right: 10px;
padding-bottom: 10px;}
.moreinfo2{display:none;
```

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo3{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo4{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo5{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo6{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo7{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo8{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}

.moreinfo9{display:none;

padding-left: 10px;

padding-right: 10px;

padding-bottom: 10px;}