

## Music Web Application using Django Project

### Source code

#### HTML

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login</title>
  <link rel="stylesheet" href="login-page.css">
  <script defer src="login-page.js"></script>
</head>

<body>
  <main id="main-holder">
    <h1 id="login-header">Login</h1>

    <div id="login-error-msg-holder">
      <p id="login-error-msg">Invalid username <span id="error-msg-second-line">and/or
password</span></p>
    </div>

    <form id="login-form">
      <input type="text" name="username" id="username-field" class="login-form-field"
placeholder="Username">
      <input type="password" name="password" id="password-field"
class="login-form-field" placeholder="Password">
      <input type="submit" value="Login" id="login-form-submit">
    </form>

  </main>
</body>
</html>

<head>
<title>Music Player</title>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width" />
<link rel="stylesheet"
href="https://ajax.googleapis.com/ajax/libs/jqueryui/1.11.2/themes/smoothness/jquery-ui.css"
>
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Open+Sans:400,300,700">
```

```
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/meyer-reset/2.0/reset.min.css">
<link rel="stylesheet" href="styles.css" />
</head>

<body>
  <div class="music-player">

    <div class="info">

      <div class="left">
        <a href="javascript:;" class="icon-shuffle"></a>
        <a href="javascript:;" class="icon-heart"></a>
      </div>

      <div class="center">
        <div class="jp-playlist">
          <ul>
            <li></li>
          </ul>
        </div>
      </div>

      <div class="right">
        <a href="javascript:;" class="icon-repeat"></a>
        <a href="javascript:;" class="icon-share"></a>
      </div>

      <div class="progress"></div>

    </div>

    <div class="controls">
      <div class="current jp-current-time">00:00</div>
      <div class="play-controls">
        <a href="javascript:;" class="icon-previous jp-previous" title="previous"></a>
        <a href="javascript:;" class="icon-play jp-play" title="play"></a>
        <a href="javascript:;" class="icon-pause jp-pause" title="pause"></a>
        <a href="javascript:;" class="icon-next jp-next" title="next"></a>
      </div>
      <div class="volume-level">
        <a href="javascript:;" class="icon-volume-up" title="max volume"></a>
        <a href="javascript:;" class="icon-volume-down" title="mute"></a>
      </div>
    </div>
  </div>
</body>
```

```

</div>

<div id="jquery_jplayer" class="jp-jplayer"></div>

</div>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js"></script>
<script
src="https://ajax.googleapis.com/ajax/libs/jqueryui/1.11.2/jquery-ui.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/jplayer/2.6.4/jquery.jplayer/jquery.jplayer.min.js">
</script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/jplayer/2.6.4/add-on/jplayer.playlist.min.js"></scri
pt>
<script src="script.js"></script>
</body>

</html>

```

## CSS

```

@import
url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:wght@400;700&f
amily=Lobster&family=Monoton&family=Open+Sans:ital,wght@0,400;0,700;1,400;1,700&
family=Playfair+Display+SC:ital,wght@0,400;0,700;1,700&family=Playfair+Display:ital,w
ght@0,400;0,700;1,700&family=Roboto:ital,wght@0,400;0,700;1,400;1,700&family=Sourc
e+Sans+Pro:ital,wght@0,400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700
&display=swap');

```

```

@import
url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:wght@400;700&f
amily=Lobster&family=Monoton&family=Open+Sans:ital,wght@0,400;0,700;1,400;1,700&
family=Playfair+Display+SC:ital,wght@0,400;0,700;1,700&family=Playfair+Display:ital,w
ght@0,400;0,700;1,700&family=Roboto:ital,wght@0,400;0,700;1,400;1,700&family=Sourc
e+Sans+Pro:ital,wght@0,400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700
&display=swap');

```

```

html {
  height: 100%;
}

```

```
body {  
    height: 100%;  
    margin: 0;  
    font-family: Arial, Helvetica, sans-serif;  
    display: grid;  
    justify-items: center;  
    align-items: center;  
    background-color: #3a3a3a;  
}
```

```
#main-holder {  
    width: 50%;  
    height: 70%;  
    display: grid;  
    justify-items: center;  
    align-items: center;  
    background-color: white;  
    border-radius: 7px;  
    box-shadow: 0px 0px 5px 2px black;  
}
```

```
#login-error-msg-holder {  
    width: 100%;  
    height: 100%;  
    display: grid;  
    justify-items: center;  
    align-items: center;  
}
```

```
#login-error-msg {  
    width: 23%;  
    text-align: center;  
    margin: 0;  
    padding: 5px;  
    font-size: 12px;  
    font-weight: bold;  
    color: #8a0000;  
    border: 1px solid #8a0000;  
    background-color: #e58f8f;  
    opacity: 0;  
}
```

```
#error-msg-second-line {  
    display: block;
```

```
}
```

```
#login-form {  
  align-self: flex-start;  
  display: grid;  
  justify-items: center;  
  align-items: center;  
}
```

```
.login-form-field::placeholder {  
  color: #3a3a3a;  
}
```

```
.login-form-field {  
  border: none;  
  border-bottom: 1px solid #3a3a3a;  
  margin-bottom: 10px;  
  border-radius: 3px;  
  outline: none;  
  padding: 0px 0px 5px 5px;  
}
```

```
#login-form-submit {  
  width: 100%;  
  padding: 7px;  
  border: none;  
  border-radius: 5px;  
  color: white;  
  font-weight: bold;  
  background-color: #3a3a3a;  
  cursor: pointer;  
  outline: none;  
}
```

```
*
```

```
*,
```

```
*:before,
```

```
*:after {
```

```
  box-sizing: border-box;
```

```
}
```

```
html {  
  min-height: 100%;  
}
```

```
body {  
  background: #eee url("https://i.imgur.com/82fLDu4.jpg") no-repeat center;  
  background-size: cover;  
  font-family: "Open Sans", sans-serif;  
}
```

```
.music-player {  
  position: relative;  
  width: 350px;  
  height: 290px;  
  margin: 150px auto;  
  box-shadow: 0 0 60px rgba(0, 0, 0, 0.8);  
  border-radius: 10px;  
  background: #222;  
  overflow: hidden;  
  z-index: 0;  
}
```

```
.music-player img {  
  position: absolute;  
  top: 0px;  
  left: 0px;  
  bottom: 0px;  
  right: 0px;  
  z-index: -1;  
  display: block;  
  width: 100% !important;  
  height: 100% !important;  
  filter: blur(2px);  
}
```

```
.music-player .info {  
  width: 100%;  
  height: 100px;  
  background: #222;  
  background: rgba(0, 0, 0, 0.8);  
  text-align: center;  
  position: relative;  
}
```

```
.music-player .info .jp-playlist li {  
  display: none;  
}
```

```
.music-player .info .jp-playlist li a {  
    font-size: 30px;  
    font-weight: 300;  
    text-decoration: none;  
    color: #fff;  
    color: rgba(225, 225, 225, 0.4);  
}
```

```
.music-player .info .jp-playlist li a span {  
    font-size: 14px;  
    display: block;  
    margin-top: 10px;  
}
```

```
.music-player .info .jp-playlist li.jp-playlist-current {  
    display: block;  
}
```

```
.music-player .info .jp-playlist li .jp-free-media,  
.music-player .info .jp-playlist li .jp-playlist-item-remove {  
    display: none;  
}
```

```
.music-player .info .left,  
.music-player .info .right {  
    width: 25px;  
    position: absolute;  
    top: 30px;  
    left: 30px;  
}
```

```
.music-player .info .right {  
    left: auto;  
    right: 30px;  
}
```

```
.music-player .info [class^=icon-] {  
    margin: 0 0 10px;  
}
```

```
.music-player .info .center {  
    padding: 20px 0 0;  
}
```

```
.music-player .progress,  
.music-player .volume-level {  
    width: 100%;  
    height: 5px;  
    display: block;  
    background: #000;  
    position: absolute;  
    bottom: 0px;  
    cursor: pointer;  
    border: none;  
}
```

```
.music-player .progress .ui-slider-range,  
.music-player .volume-level .ui-slider-range {  
    display: block;  
    background: #ed553b;  
    height: 5px;  
    border-radius: 0;  
}
```

```
.music-player .progress .ui-slider-handle,  
.music-player .volume-level .ui-slider-handle {  
    position: absolute;  
    top: -8px;  
    width: 8px;  
    height: 22px;  
    background: url("https://i.imgur.com/tsqwz1N.png") no-repeat center;  
    border: none;  
    outline: none;  
    margin: 0 0 0 -3px;  
    cursor: move;  
}
```

```
.music-player .controls {  
    text-align: center;  
    width: 100%;  
    height: 190px;  
    background: #982e4b;  
    background: rgba(152, 46, 75, 0.6);  
}
```

```
.music-player .controls .current {  
    font-size: 48px;  
    color: #fff;
```



```

    color: rgba(225, 225, 225, 0.4);
    padding: 15px 0 20px;
}

.music-player .controls .play-controls a {
    display: inline-block;
    width: 35px;
    height: 40px;
    margin: 0 30px;
}

.music-player .controls .volume-level {
    position: relative;
    bottom: auto;
    width: 200px;
    height: 2px;
    margin: 30px auto 0;
    background: rgba(225, 225, 225, 0.3);
}

.music-player .controls .volume-level .ui-slider-range {
    height: 2px;
}

.music-player .controls .volume-level .ui-slider-handle {
    top: -8px;
    margin-left: -9px;
    width: 22px;
    height: 22px;
    background-image: url("https://i.imgur.com/V5i67V2.png");
}

.music-player .controls .volume-level .icon-volume-up,
.music-player .controls .volume-level .icon-volume-down {
    position: absolute;
    right: -34px;
    top: -8px;
    width: 22px;
}

.music-player .controls .volume-level .icon-volume-down {
    right: auto;
    left: -27px;
}

```

```
[class^=icon-] {  
    width: 18px;  
    height: 18px;  
    background: url("https://i.imgur.com/E09T8tf.png") no-repeat center;  
    display: block;  
}
```

```
.icon-shuffle {  
    background-image: url("https://i.imgur.com/AQAxRxS.png");  
}
```

```
.icon-heart {  
    background-image: url("https://i.imgur.com/E09T8tf.png");  
}
```

```
.icon-repeat {  
    background-image: url("https://i.imgur.com/338F8MX.png");  
}
```

```
.icon-share {  
    background-image: url("https://i.imgur.com/PGIC6ME.png");  
}
```

```
.icon-previous {  
    background-image: url("https://i.imgur.com/LIqj0nr.png");  
}
```

```
.icon-play {  
    background-image: url("https://i.imgur.com/xlBv5aR.png");  
}
```

```
.icon-pause {  
    background-image: url("https://i.imgur.com/IIhwduj.png");  
}
```

```
.icon-next {  
    background-image: url("https://i.imgur.com/Mb6Nzj5.png");  
}
```

```
.icon-volume-up {  
    background-image: url("https://i.imgur.com/qqdoddi.png");  
}
```

```
.icon-volume-down {  
  background-image: url("https://i.imgur.com/3iirf2f.png");  
}
```

## **JAVASCRIPT**

```
const loginForm = document.getElementById("login-form");  
const loginButton = document.getElementById("login-form-submit");  
const loginErrorMsg = document.getElementById("login-error-msg");
```

```
loginButton.addEventListener("click", (e) => {  
  e.preventDefault();  
  const username = loginForm.username.value;  
  const password = loginForm.password.value;  
  
  if (username === "user" && password === "web_dev") {  
    alert("You have successfully logged in.");  
    location.reload();  
  } else {  
    loginErrorMsg.style.opacity = 1;  
  }  
})
```

```
$(document).ready(function() {
```

```
  var playlist = [{  
    title: "Hidden",  
    artist: "Miaow",  
    mp3: "http://www.jplayer.org/audio/mp3/Miaow-02-Hidden.mp3",  
    oga: "http://www.jplayer.org/audio/ogg/Miaow-02-Hidden.ogg",  
    poster: "https://i.imgur.com/sCbrzQa.png"  
  }, {  
    title: "Cro Magnon Man",  
    artist: "The Stark Palace",  
    mp3: "http://www.jplayer.org/audio/mp3/TSP-01-Cro_magnon_man.mp3",  
    oga: "http://www.jplayer.org/audio/ogg/TSP-01-Cro_magnon_man.ogg",  
    poster: "https://i.imgur.com/lXvsuBu.png"  
  }, {  
    title: "Bubble",  
    m4a: "http://www.jplayer.org/audio/m4a/Miaow-07-Bubble.m4a",  
    oga: "http://www.jplayer.org/audio/ogg/Miaow-07-Bubble.ogg",  
    poster: "https://i.imgur.com/kIJKSVZ.jpg"  
  }  
];
```

```

var cssSelector = {
    jPlayer: "#jquery_jplayer",
    cssSelectorAncestor: ".music-player"
};

var options = {
    swfPath: "https://cdnjs.cloudflare.com/ajax/libs/jplayer/2.6.4/jquery.jplayer/Jplayer.swf",
    supplied: "ogv, m4v, oga, mp3",
    volumechange: function(event) {
        $(".volume-level").slider("value", event.jPlayer.options.volume);
    },
    timeupdate: function(event) {
        $(".progress").slider("value", event.jPlayer.status.currentPercentAbsolute);
    }
};

var myPlaylist = new jPlayerPlaylist(cssSelector, playlist, options);
var PlayerData = $(cssSelector.jPlayer).data("jPlayer");

// Create the volume slider control
$(".volume-level").slider({
    animate: "fast",
    max: 1,
    range: "min",
    step: 0.01,
    value: $.jPlayer.prototype.options.volume,
    slide: function(event, ui) {
        $(cssSelector.jPlayer).jPlayer("option", "muted", false);
        $(cssSelector.jPlayer).jPlayer("option", "volume", ui.value);
    }
});

// Create the progress slider control
$(".progress").slider({
    animate: "fast",
    max: 100,
    range: "min",
    step: 0.1,
    value: 0,
    slide: function(event, ui) {
        var sp = PlayerData.status.seekPercent;
        if (sp > 0) {

```

```
        // Move the play-head to the value and factor in the seek percent.
        $(cssSelector.jPlayer).jPlayer("playHead", ui.value * (100 / sp));
    } else {
        // Create a timeout to reset this slider to zero.
        setTimeout(function() {
            $(".progress").slider("value", 0);
        }, 0);
    }
}
});
});
```