

# Lets! Play Beat

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# Software Documentation

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## Introduction and Objectives

1. **Introduction :** Play Beat is the subject of this project. Here, we'll listen to a song on a website. Different playlists and vocalist songs were provided.
2. **Purpose :** The console program will be utilized to listen to songs while selecting the singer that best suits our moods. This software plays continuous music, and we may access pre-made playlists to listen to songs that suit our moods.
3. **Scope :** At the moment, music is a common activity in every city, and everyone enjoys listening to tunes. Because each person has a unique set of preferences and moods, we offer mood-specific playlists.

## Requirements:

1. **Hardware Requirements:** The hardware requirements are minimal because this is a simple console application that provides a simple infrastructure for listening to music.  
which are listed below:

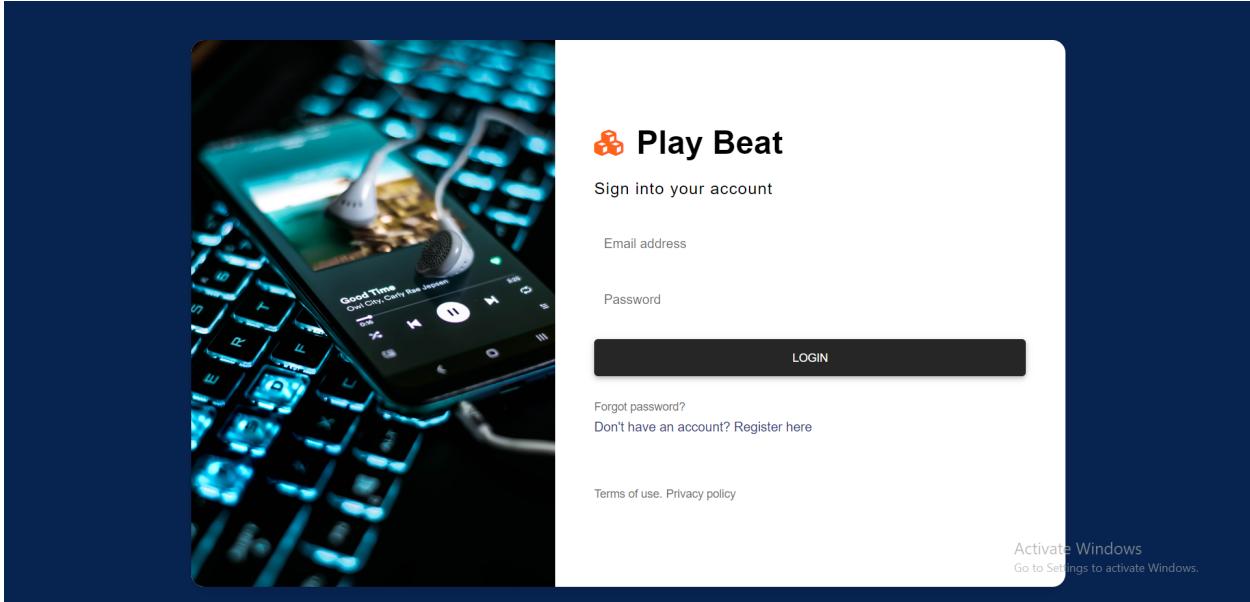
- Requires minimum RAM 1 Gb.
- OS: windows Vista and above
- Speaker with good quality

2. **Software Requirements:** This system was created using HTML5, a browser that supports HTML5 is required.  
which are listed below:

- Internet speed: 1Mbps
- HTML5 supported browser
- Audio play driver

## Source code

1. Index.html : This page is for logging in. The user's email and password are verified here.



- **Javascript validation**

There we don't have database so we fix email and password

```
<script>
  function validateform(){
    var name=document.myform.email.value;
    var password=document.myform.pass.value;

    if (name!="jangidsagar33@gmail.com" || password!="sagarjangid" ){
      alert("Incorrect Username and Password");
      return false
    }
  }
</script>
```

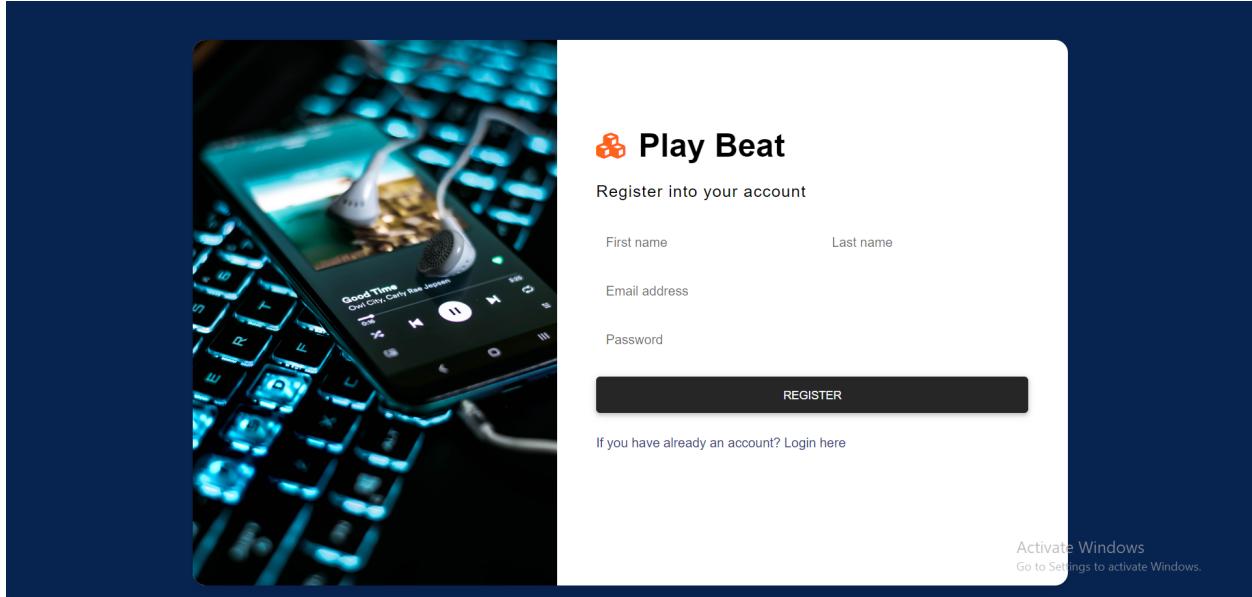
- **Html Form :** It calls for a validation function on submit and we also use bootstrap

```
<form name="myform" method="post" action="desktop.html" onsubmit="return validateform()">

    <div class="d-flex align-items-center mb-3 pb-1">
        <i class="fas fa-cubes fa-2x me-3" style="color: #ff6219;"></i>
        <span class="h1 fw-bold mb-0">Play Beat </span>
    </div>
    <h5 class="fw-normal mb-3 pb-3" style="letter-spacing: 1px;">Sign into your account</h5>
    <div class="form-outline mb-4">
        <input type="email" id="form2Example17" name="email" class="form-control form-control-lg"
            required />
        <label class="form-label" for="form2Example17">Email address</label>
    </div>
    <div class="form-outline mb-4">
        <input type="password" id="form2Example27" name="pass" class="form-control form-control-lg"
            required />
        <label class="form-label" for="form2Example27">Password</label>
    </div>
    <div class="pt-1 mb-4">
        <button class="btn btn-dark btn-lg btn-block" type="submit">Login</button>
    </div>
    <a class="small text-muted" href="#">Forgot password?</a>
    <p class="mb-5 pb-lg-2" style="color: #393f81;">Don't have an account? <a href="register.html"
        style="color: #393f81;">Register here</a></p>
    <a href="#" class="small text-muted">Terms of use.</a>
    <a href="#" class="small text-muted">Privacy policy</a>
</form>
```

Activate Windows  
Go to Settings to activate Win

2. Register.html: This page is for logging in. The user's email and password are verified here. This page is for new users only. User First Name, Last Name, Email, and Password are verified here.



- **Javascript validation**

```
<script>
    function validateform() {
        var name = document.myform.fname.value;
        var lname = document.myform.lname.value;
        var password = document.myform.password.value;

        if ((/[^\w]/.test(name)) || ([^\w]/.test(lname))) {
            alert("Name must include only characters");
            return false;
        }
        if (password.length < 8) {
            alert("Password must be at least 8 characters long.");
            return false;
        }
    }
</script>
```

- **Html Form :** It calls for a validation function on submit and we also use bootstrap

```

<form name="myform" method="post" onsubmit="return validateform()" action="index.html">

    <div class="d-flex align-items-center mb-3 pb-1">
        <i class="fas fa-cubes fa-2x me-3" style="color: #ff6219;"></i>
        <span class="h1 fw-bold mb-0">Play Beat</span>
    </div>

    <h5 class="fw-normal mb-3 pb-3" style="letter-spacing: 1px;">Register into your account</h5>

    <div class="row">
        <div class="col-md-6 mb-4">
            <div class="form-outline">
                <input name="fname" type="text" id="form3Example1" class="form-control" required />
                <label class="form-label" for="form3Example1">First name</label>
            </div>
        </div>
        <div class="col-md-6 mb-4">
            <div class="form-outline">
                <input name="lname" type="text" id="form3Example2" class="form-control" required />
                <label class="form-label" for="form3Example2">Last name</label>
            </div>
        </div>
    </div>

    <!-- Email input -->
    <div class="form-outline mb-4">
        <input type="email" id="form3Example3" class="form-control" required />
        <label class="form-label" for="form3Example3">Email address</label>
    </div>

    <!-- Password input -->
    <div class="form-outline mb-4">
        <input name="password" type="password" id="form3Example4" class="form-control" required />
        <label class="form-label" for="form3Example4">Password</label>
    </div>

    <!-- Submit button -->
    <div class="pt-1 mb-4">
        <button class="btn btn-dark btn-lg btn-block" type="submit">Register</button>
    </div>

    <p class="mb-5 pb-lg-2" style="color: #393f81;">If you have already an account? <a href="#"><span style="color: #393f81;">Login here</span></a></p>
</form>

```

3. Desktop.html: This is the website's home page. Here, we provide slides of popular songs, playlist selections, and singer possibilities.

- Trending song slider

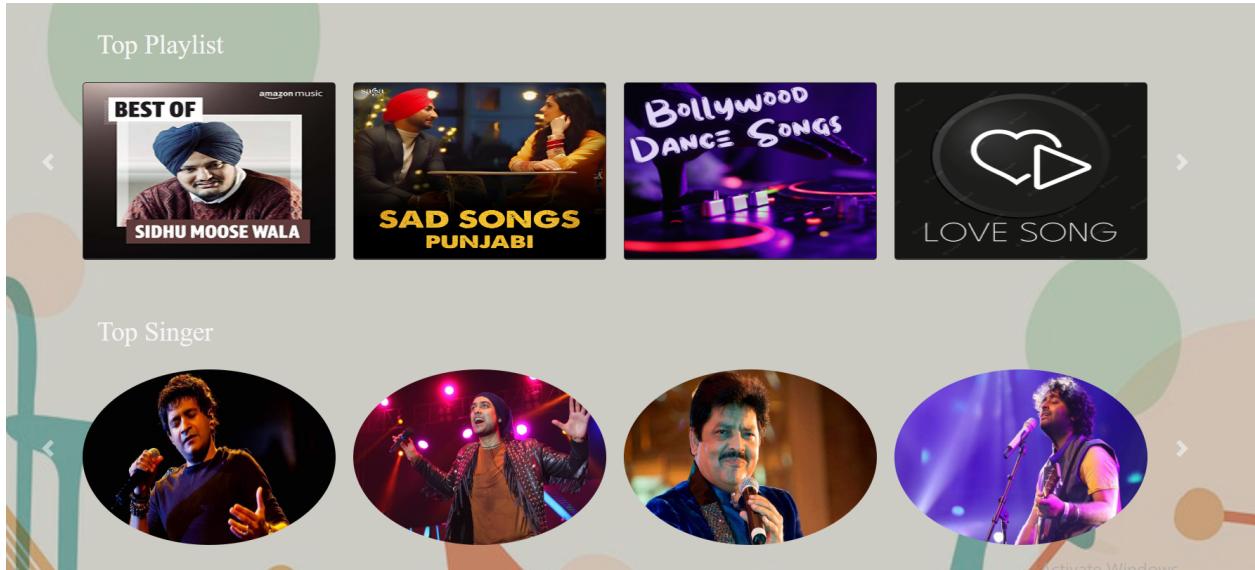


- Slider code using bootstrap

```
<div id="head" style="text-align: center;">
  <p style="color: tomato;font-size: 70px; font-family: bold; background-color: transparent; opacity: 0.7; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">
    Lets! Play Beat
  </p>
</div>
<div id="carouselExampleControl" class="carousel slide" data-ride="carousel">
  <div class="carousel-inner">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>
  <a class="carousel-control-prev" href="#carouselExampleControl" role="button" data-slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="sr-only">Previous</span>
  </a>
  <a class="carousel-control-next" href="#carouselExampleControl" role="button" data-slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
  </a>
</div>
```

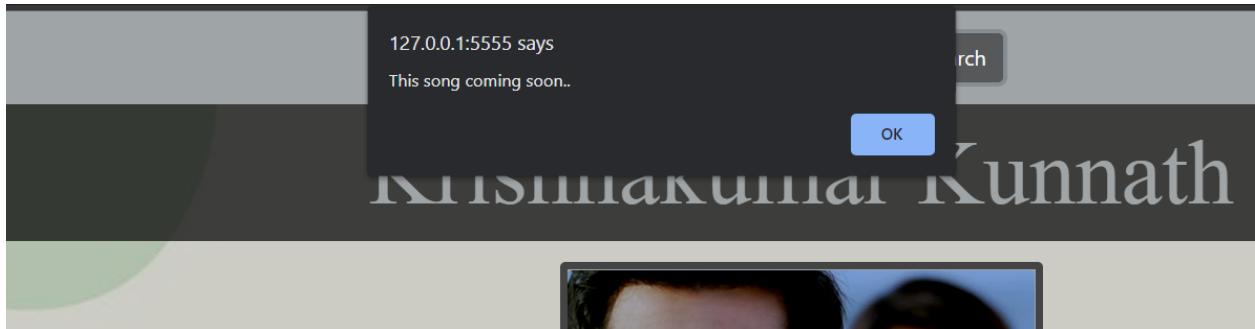
Activate Windows  
Go to Settings to activate Wind

- Playlist and Singer sliders



4. Playlist.html: This page has a song list and a music player. Here, we used the API to determine the song to play. Additionally, we have song search options.

- Search bar : Here we redirect on a song and if song is not available it give a alert message “This song coming soon..”



- Audio file play code with api javascript

```
<div class="footer">
  <audio id="player" controls autoplay loop controlsList="nodownload noplaybackrate">
    <source id="song" src="song.mp3" type="audio/mpeg">
      Your browser does not support the audio tag.
  </audio>

</div>

</style>
<script>
  var api_url = window.location.href
  var url = new URL(api_url);
  var sname = url.searchParams.get("sname");
  var simg = url.searchParams.get("simg");
  var song = url.searchParams.get("song");
  console.log(simg)
  document.getElementById("simg").src = simg
  document.getElementById("sname").textContent = sname
  document.getElementById("song").src = song
</script>
```

GitHub Link:- [code](#)

## Conclusion

The programme is working as intended and can be used for actual implementation. This is a straightforward console application that offers a straightforward user interface for playing music.