

# **Software Requirement Specification (SRS)**

**For**

## **Online Music Player**

**Name :-** Shaikh Mahammadayan S.

**Roll No :-** CE121

**Project Title :-** Online Music Player

- **Description :-**

This is an web project for an Online Music Player in which various users can register to the website. Then After successfully registering, they can log in to the website and use different functionalities provided. They can listen songs, create and manage playlists of their favourite songs, download songs, search particular songs etc. And Admin can upload ,provide and manage different songs, playlist etc.

- **Functional Requirements of the system :-**

### **R1. Manage Login / Register/ Logout .**

#### **R1.1 Manage Login/Register**

**Description :-** New user can register to the system & registered users can login to the system.

**Input :-** User's credentials.

**Output :-** Redirection to home page on valid credentials else error message.

### **R1.2 Manage Logout.**

**Description :-** User can logout from the system.

**Input :-** User selection.

**Output :-** Success message.

### **R1.3 Forgot Password.**

**Description :-** If user has forgotten his/ her password, then he/ she can reset it

**Input :-** User's registered mail-id.

**Output :-** Verification code for resetting the password through mail.

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## **R2. Manage Songs.**

**Description :-** User can play, download, search different songs.

### **R2.1 Search Song.**

**Description :-** User can search particular song.

**Input :-** Song name.

**Output :-** Search list according to input.

### **R2.2 Play Songs.**

**Description :-** User can play song.

**Input :-** User selection.

**Output :-** Play the song.

### **R2.3 Download Songs.**

**Description :-** User can download songs from uploaded songs.

**Input :-** User selection.

**Output :-** Downloaded song file.

### **R2.4 Like Song.**

**Description :-** User can like particular song.

**Input :-** User selection.

**Output :-** Success message.

### **R2.5 Share Song.**

**Description :-** User can share a song.

**Input :-** Song to be shared.

**Output :-** Link of the song.

## **R3. Manage playlist.**

**Description :-** User can create, update & manage playlists.

### **R3.1 Create playlist.**

**Description :-** User can create his/her new playlist and add songs into it.

**Input :-** User selection.

**Output :-** Created playlist.

### **R3.2 Update playlist.**

**Description :-** User can edit already created playlist.

**Input :-** User selection.

**Output :-** Updated playlist.

### **R4. Manage Favourites .**

**Description :-** User can see songs liked by him/her.

**Input :-** User selection.

**Output :-** List of liked songs.

### **R5. Manage Admin Panel.**

**Description :-** Admin can perform certain tasks like uploading songs, uploading playlists, view statistics etc.

#### **R5.1 Upload Song.**

**Description :-** Admin can upload new song.

**Input :-** Song details.

**Output :-** Success message.

#### **R5.2 Update song.**

**Description :-** Admin can update the uploaded song

**Input :-** Song details.

**Output :-** Success message.

### **R5.3 Manage categories.**

#### **R5.3.1 Add categories.**

**Description :-** Admin can add new categories.

**Input :-** Category details.

**Output :-** Success message.

#### **R5.3.2 Update categories.**

**Description :-** Admin can update added category.

**Input :-** Category details.

**Output :-** Success message.

### **R5.4 Manage statistics.**

**Description :-** Admin can view statistical data like total songs, total users, total likes etc.

**Input :-** User Selection.

**Output :-** Corresponding statistical data.