

A PROJECT REPORT ON :

WWW.MusicSpot.COM

An ONLINE MUSIC STREAMING WEBSITE

PREPARED BY:

SINDHIYA MAHESH K.

JADEJA PARTHRAJSINH U.

PRINCIPAL:

Prof. Dipti N. Punjani

GUIDED BY:

Prof. Piyush D. Pitroda

FOR FULFILLMENT OF BCA-VI (2020-2021)

SUBMITTED TO:

SAURASHTRA

UNIVERSITY,

RAJKOT.

NATIONAL COMPUTER COLLEGE

4, OSWAL COLONY, SUNDARAM SOCIETY,

SATYAM COLONY ROAD, JAMNAGAR.

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ROAD, JAMNAGAR.

PREFACE

This real life project is developed for submission of the course as a student of Bachelor of Computer Application. This Project deals with ONLINE MUSIC STREAMING. So, visit "www.MusicSpot.com."

With the help of this project, users can make their accounts and listen to new songs. And Artists can show their talent by uploading the songs in this Website. In Development we used SQLSERVER as back-End tool, which gives highest data security, which is necessary for the safe data security to any system.

As the student of BCA, we have to undergo in project, where we often have opportunity as a student to develop an Application area.

It also includes a dissertation to be submitted by each of the BCA student as a part of the curriculum.

This project report is submitted as a part of the three years course of BCA-V conducted by Bachelor of Computer Application from Saurashtra University, Rajkot.

Signature:

1. _____

Mahesh Sindhiya

2. _____

Parthrajsinh Jadeja

ACKNOWLEDGEMENT

We are the student of BCA-VI, studying in the NATIONAL COMPUTER COLLEGE, JAMNAGAR. Thanks to all the people who has landed their support in shaping of the Information System.

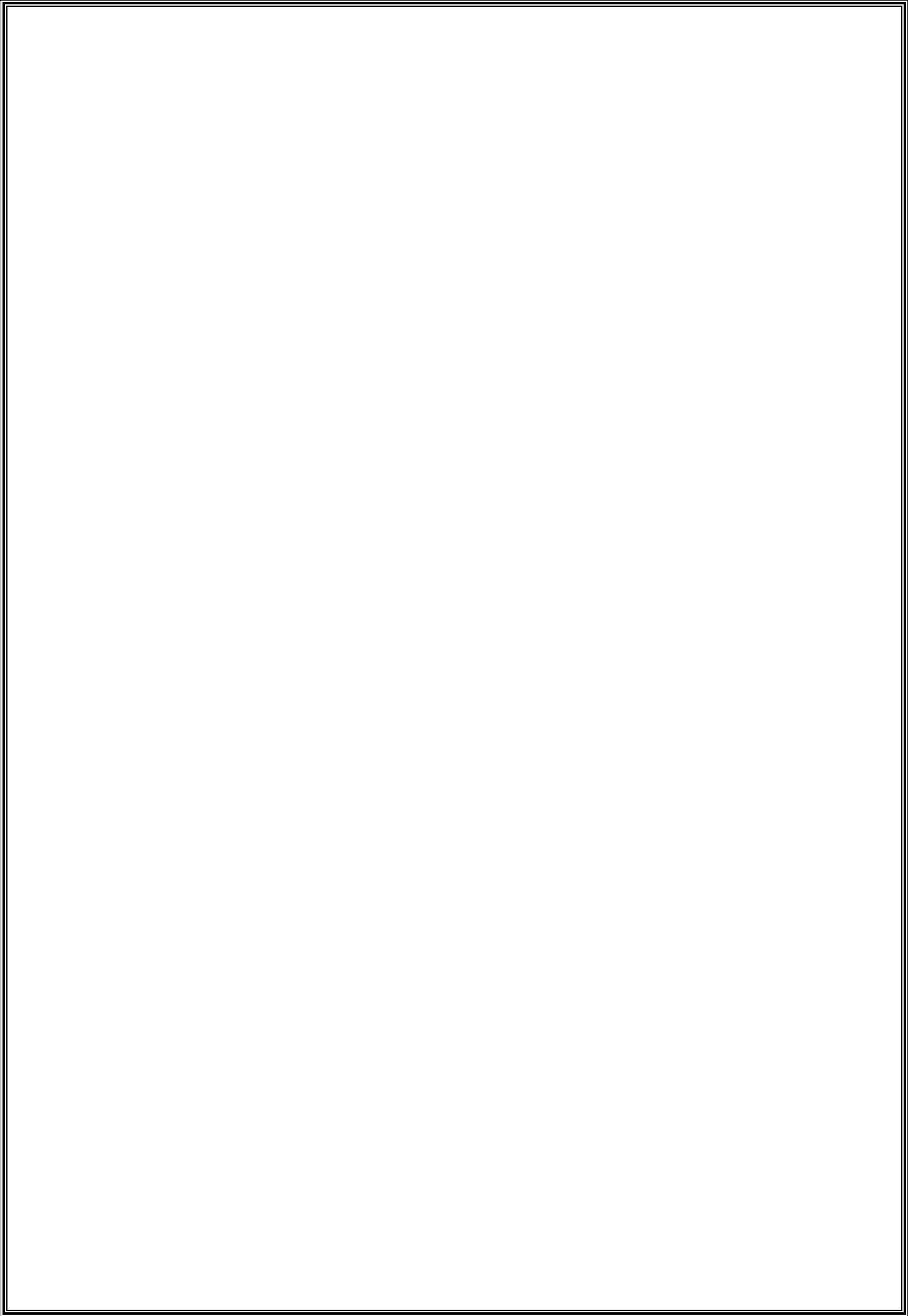
We are thankful to PROF. PIYUSH D. PITRODA for giving us full guidance and co-operation in understanding the information system. We also thank them for their unconditional help in making of this project.

We have great deal of gratitude towards our Head of Department who encourage us in taking up this activity. We also thank our friends and family members for backing us and giving us the extra support that was very much needed.

Concluding, we thank that entire people who involved directly or indirectly in making of this project.

SINDHIYA MAHESH K.

JADEJA PARTHRAJSINH U.



NATIONAL COMPUTER COLLEGE

Oppo. 4-Oswal Colony, Sundaram Society, Satyam Colony Road, Jamnagar.

Phone no. (0288) 2711338

GUIDE CERTIFICATE

This is certify that the project report on ONLINE MUSIC STREAMING WEBSITE “www.MusicSpot.com” submitted by SINDHIYA MAHESH K. & JADEJA PARTHRAJSINH U. for the fulfilment of their work for the award of BCA-VI degree to Saurashtra university, Rajkot has been completed under my supervision & guidance.

To the best of my knowledge, the matter presented has not been copied down from any other source. Also, this report has not been submitted earlier for the award of any degree of diploma to Saurashtra University or any other university.

Date:

Place: Jamnagar

Prof. PIYUSH D. PITRODA

(Project Guide)

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SAURASHTRA UNIVERSITY

The Saurashtra University is one of the most well known universities.

It was established on 23rd may, 1968. It was fairly reputed university in India conducting various courses regarding the dream of 21st century. The university in going day by day, this provides the student the courses level from the graduate to PH.D.

Shree Haribhai Trivedi and Shree Dolarbhai Mankad print the title magazine in 1958 the resolution passed and 16 August, 1960. It was accepted in the 3rd five year plan of Gujarat, which is started in 1961-62. In 1965 December, the rules regarding university got the permission and 23 august, 1966 certain section is implemented by the result of Saurashtra University started.

The Saurashtra University works officially at 23 may, 1967. At the same time 35 colleges and 2 permitted institutions were started Rajkot, Bhavnagar, Amreli, Junaghdh, and Surendranagar districts. The total students were about 18000. Then in the same year two colleges are permitted and 37 colleges existed.

NATIONAL COMPUTER COLLEGE

Oppo. 4-Oswal Colony, Sundaram Society, Satyam Colony Road, Jamnagar.

Phone no. (0288) 2711338

National Computer College is begun in year 2000. It is affiliated with Saurashtra University.

Two courses are available in National Computer College. They are Bachelor of Computer College (B.C.A), Bachelor of Business Administration (B.B.A).

As and when we surrounded by difficulties and problems, faculties always guide us and solve our problems. Our principal PROF. DIPTI PUNJANI always inspired us to go ahead though in most difficult situations. The authority persons and all the staff members of National Computer College are good care taking and always helped us in any situation. Each and every subject is explained very easily and in detail so that student can understand very easily and in details so that students can understand very easily. The faculties associated with the college are very helpful & co-operative.

Staff of National Computer College

Principal: Prof. Dipti Punjani

Faculties: Prof. Hasmukh Domadiya

Prof. Chirag Mehta

Prof. Piyush Pitroda

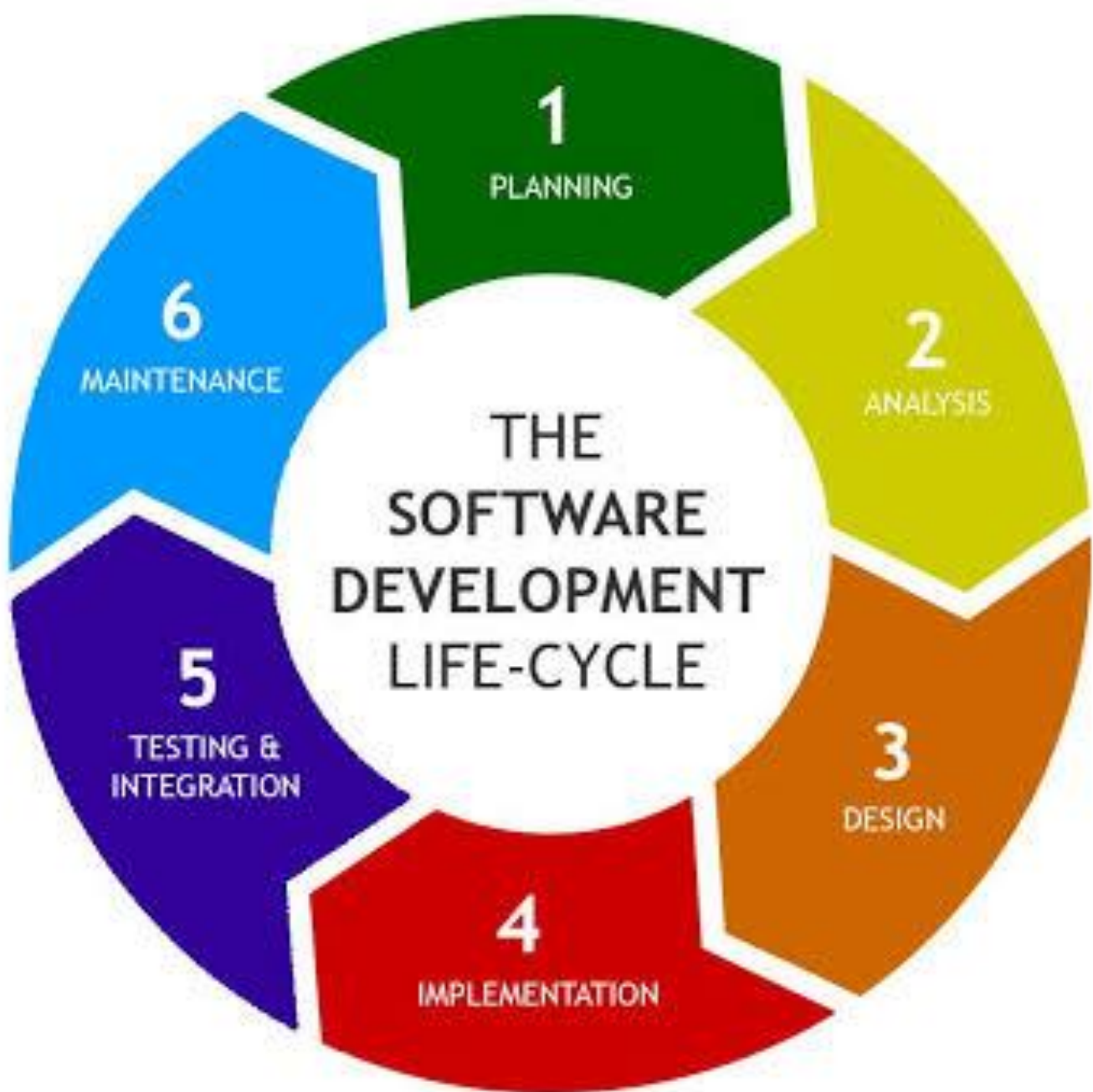
Prof. Rohit Pambhar

Features of Project

❖ **The Features of project are described below:**

- **User can listen to New songs.**
- **User can make playlist of his picked songs.**
- **User can follow artists.**
- **User can give like to any song and have that song in his favorite songs.**
- **User has right to accept the request or reject friend requests.**
- **User can visit other Artist's profile.**
- **Artist can upload Song, make playlists, listen songs etc.**
- **Admin has Full wright on side he can Delete User or Artist or Song or Update them too.**

Software Development Life Cycle



Software Used

- **Front End:**

-  **Scripting Language : JAVA**

-  **Language : JSP(J2EE)**

- **Back End:**

-  **MS SQL Server 2019**

About JSP(J2EE)

❖ Introduction to JSP

- The full form of JSP is “Java Server Pages”.
- Java Server Page is a technology for controlling the content or appearance of Web pages through the use of servlets,
- small programs that are specified in the Web page and run on the Web server to modify the Web page before it is sent to the user who requested it.
- Sun Microsystems, the developer of Java, also refers to the JSP technology as the Servlet application program interface (API).
- JSP is comparable to Microsoft's Active Server Page (ASP) technology.
- Whereas a Java Server Page calls a Java program that is executed by the Web server,
- an Active Server Page contains a script that is interpreted by a script interpreter (such as VBScript or JScript) before the page is sent to the user.

About SQL Server

- **QL Server is a database server by Microsoft.**
- **The Microsoft relational database management system is a software product which primarily stores and retrieves data requested by other applications.**
- **These applications may run on the same or a different computer.**
- **Going more in-depth, in order to understand what a SQL Server is, you must first understand what SQL is.**
- **SQL is a special-purpose programming language designed to handle data in a relational database management system.**
- **A database server is a computer program that provides database services to other programs or computers, as defined by the client-server model.**
- **Therefore, a SQL Server is a database server that implements the Structured Query Language (SQL).**

Validations & Security

- **Validation**

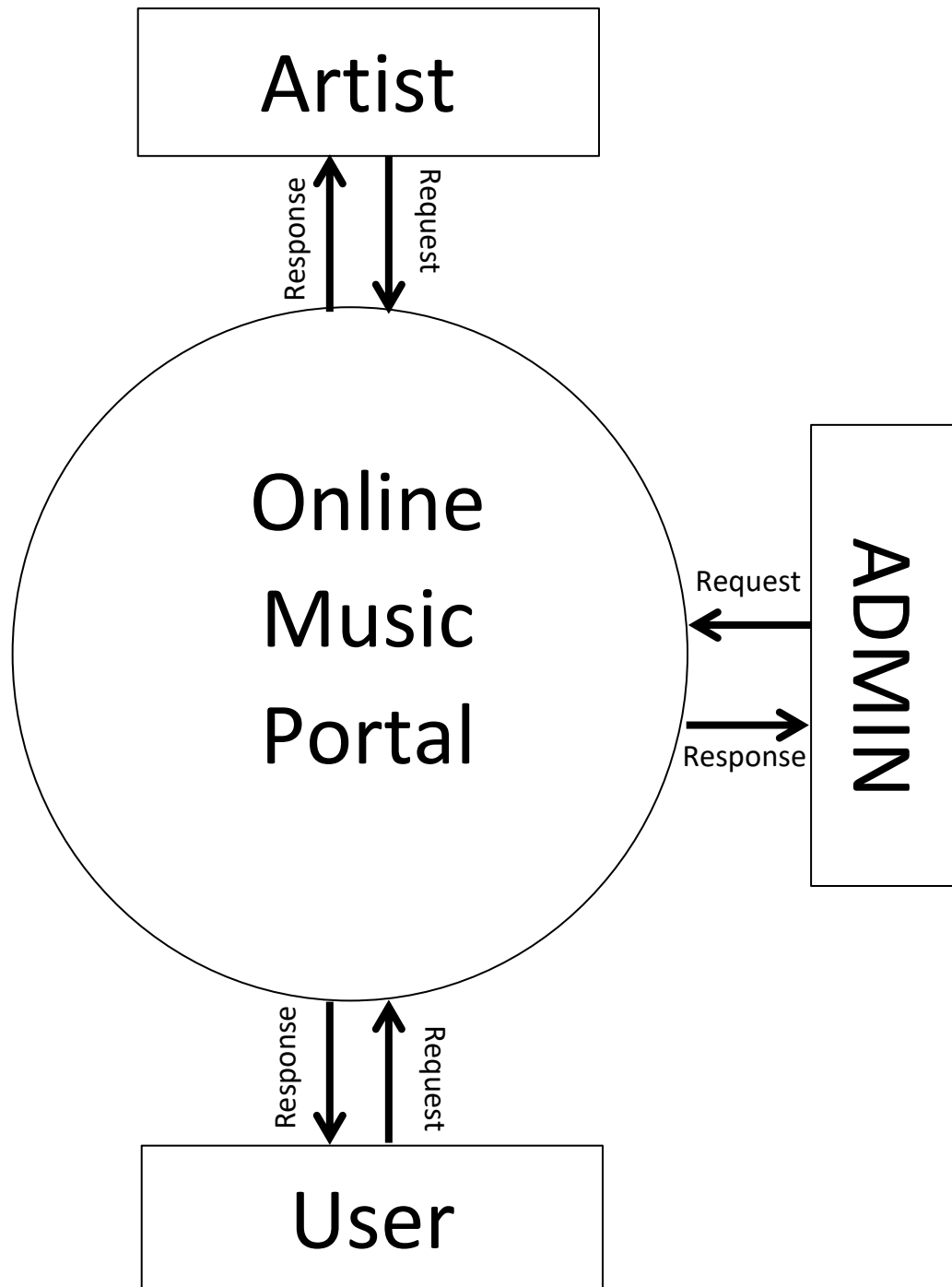
- **The password should contain only characters and numbers. User can not include special characters.**
- **For login into website user must have fill all the details.**

- **Security**

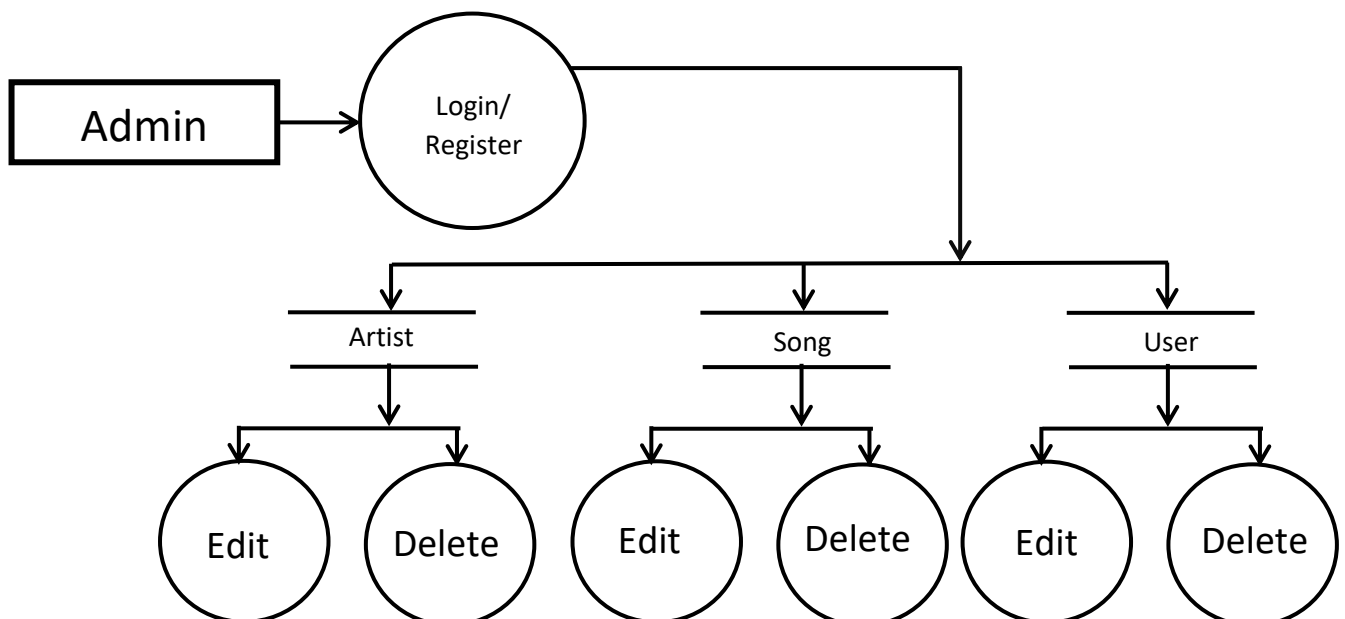
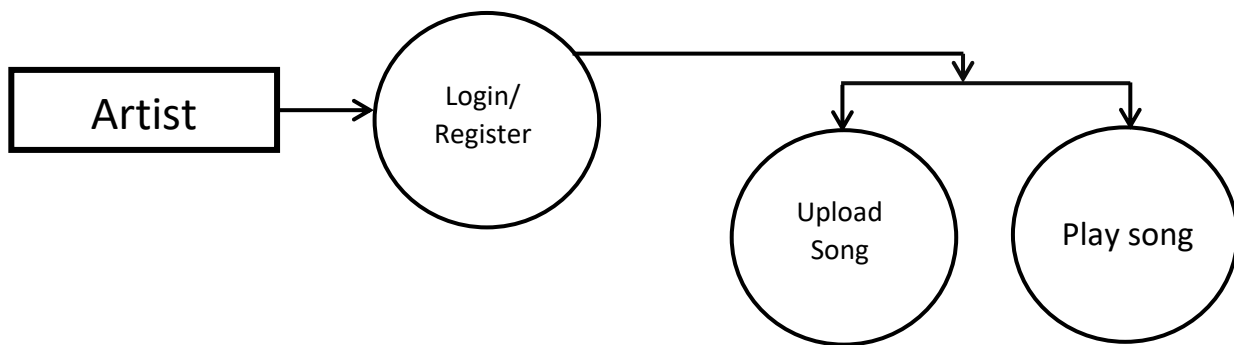
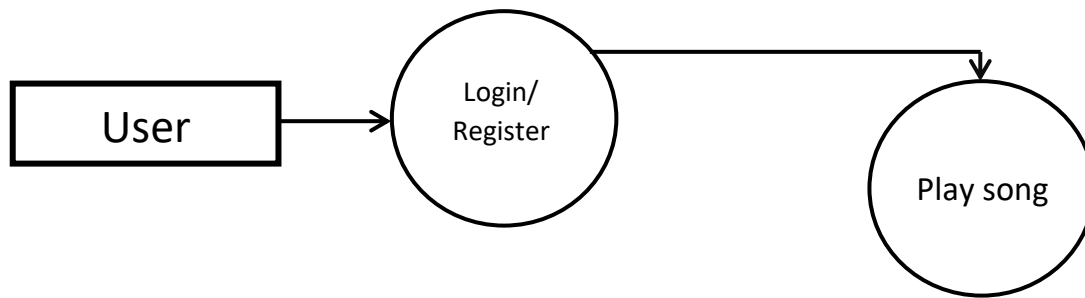
- **Security is one of the special features of your website.**
- **Website will not allow you to access any of the administrative tools units you provide users name and password.**

Data Flow Diagram

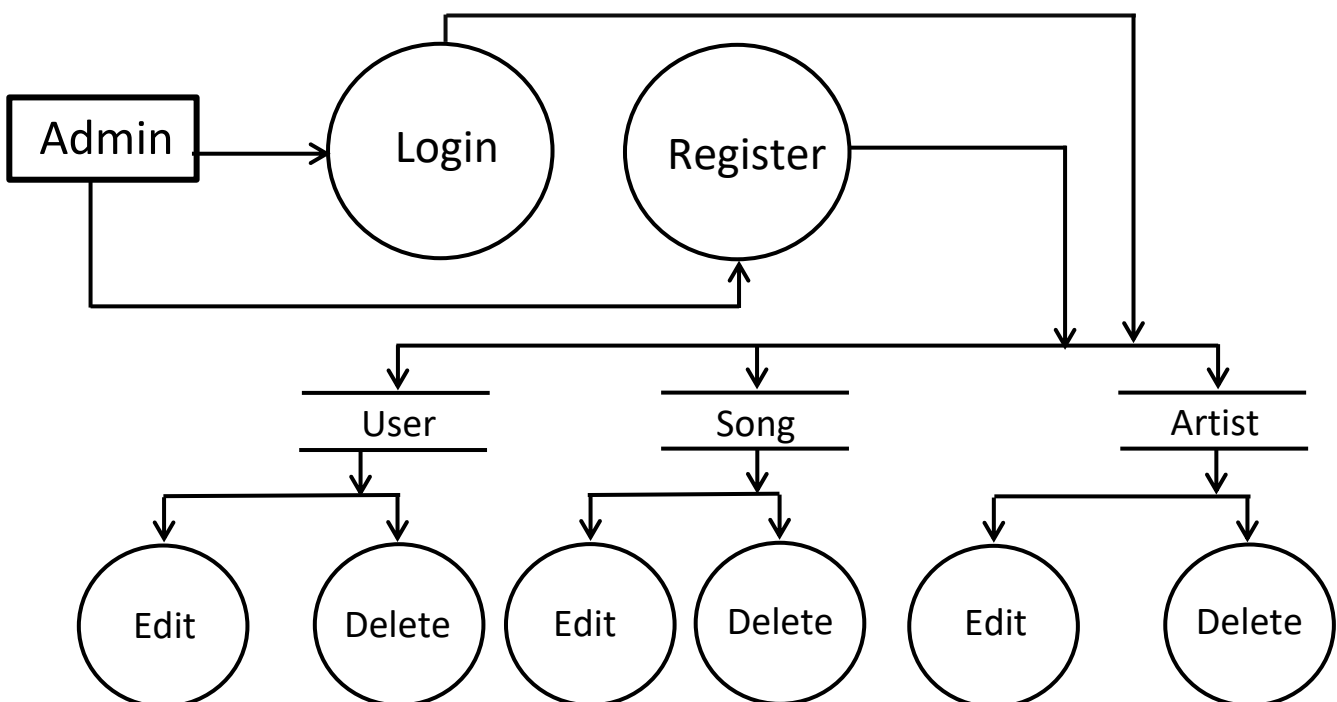
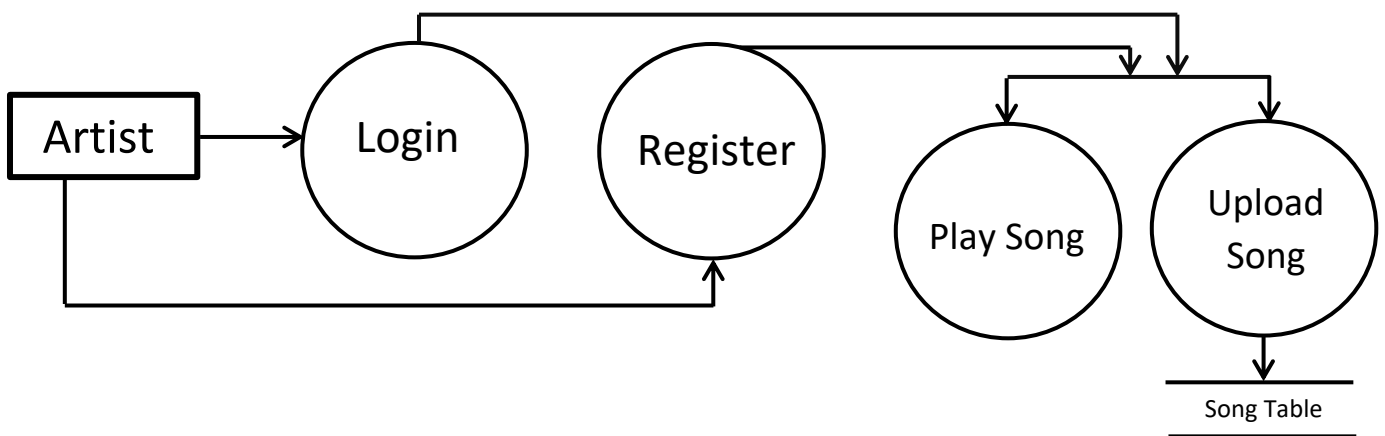
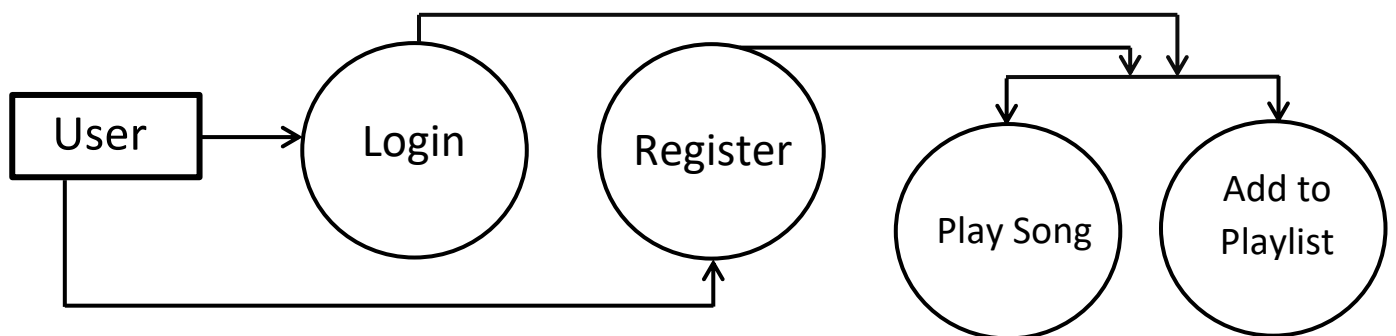
0 level DFD



1 level DFD



2 Level DFD



Data Dictionary

Database : Music

Tables:

1. Users :

Column Name	Data Type	Key
user_id	int	Auto increment
Username	varchar(50)	Primary Key
Password	varchar(50)	
Fname	varchar(50)	
Lname	varchar(50)	
Email	varchar(50)	
Dob	date	
Img	text	
Gender	varchar(50)	
Join_date	date	
flw_artist	text	
Plist_name	text	Foreign

2. Playlist :

Column Name	Data Type	Key
Plist_id	Int	Auto increment
Name	varchar(50)	Primary Key
Songs	Text	Foreign
user_name	varchar(50)	
img	text	

3. Songs :

Column Name	Data Type	Key
song_id	Int	Auto increment
name	varchar(50)	Primary Key
song_file	Text	
artistname	varchar(50)	foreign
language	varchar(50)	
img	Text	
category	varchar(50)	
Releas_date	Date	
num_likes	int	
Plist_name	text	

4. Admin :

Column Name	Data Type	Key
admin_id		Auto increment
admin_username		Primary Key
Password		
Fname		
Lname		
img		

5. Favorite :

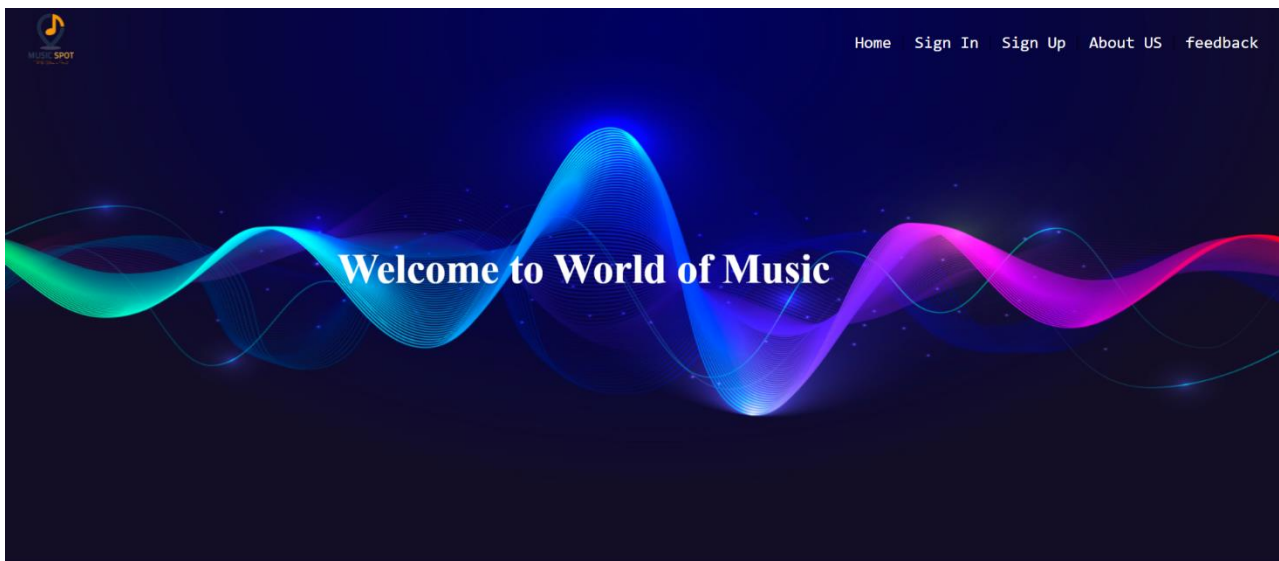
Column Name	Data Type	Key
favorite_id	Int	Primary Key
user_name	varchar(50)	
song_name	text	Foreign

6. Artist :

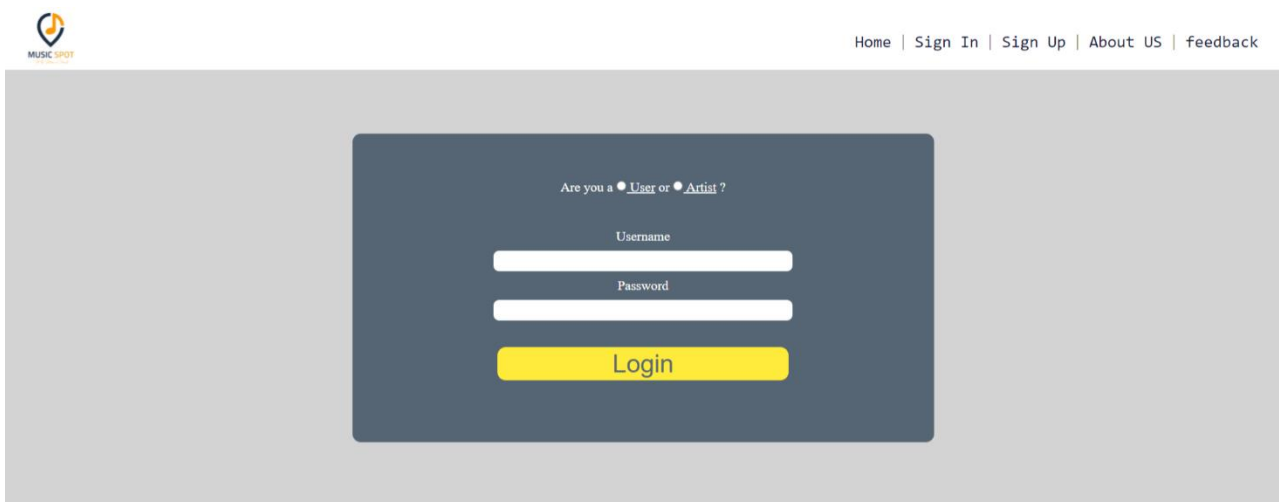
Column Name	Data Type	Key
artist_id	Int	Auto increment
Artistname	varchar(50)	Primary Key
Password	varchar(50)	
Fname	varchar(50)	
Lname	varchar(50)	
Img	Text	
Email	varchar(50)	
Dob	Date	
Gender	varchar(50)	
About	Text	
Followers	Text	
num_followers	Int	
songs_name	Text	Foreign
num_songs	Int	
Plist_name	text	Foreign
Join_date	date	

Snapshots


1. Index :



2. Login :



3. Register :

Home | [Sign In](#) | [Sign Up](#) | [About US](#) | [feedback](#)

Sign Up here...

First Name

Last Name

User Name

Password

Email

Date of Birth

Gender ☒ Male ☐ Female


[signup](#)

[Artist ? Register here...](#)

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[privacy policy](#) | [About us](#) | [Contact us](#) | [Developer](#) | [Admin](#)


4. Home page :




priyanshi chovatiya
@priyu_77

- [Add playlist](#)
- [Play lists](#)
- [Favorites](#)
- [Artists you Follow](#)


Artists you may Like




Mayank Sindhiya




Mahesh Sindhiya




shree chovatiya




shivraj patil




shree shani




govind
@priyu_77




may i sing
@shani_supu




new try
@mk_sindhiya




Alonweker Moon
@mk_sindhiya




Somnath mahadev
@Mr.Daan_Ji




KGF maa theme
@Mr.Daan_Ji




second_test0001
@priyu_77



shiv Shakti
@shani_supu



shiv shiv
@shani_supu



ganesh vandana
@shani_supu

0:00 / 0:16

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 0:29

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 0:23

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 0:45

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 0:25

▶ ◀ 🔊 ⋮

[Unlikes](#) [Add to Playlist](#)

0:00 / 0:24

▶ ◀ 🔊 ⋮

[Unlikes](#) [Add to Playlist](#)

0:00 / 0:24

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 0:29

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 0:10

▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

0:00 / 1:46

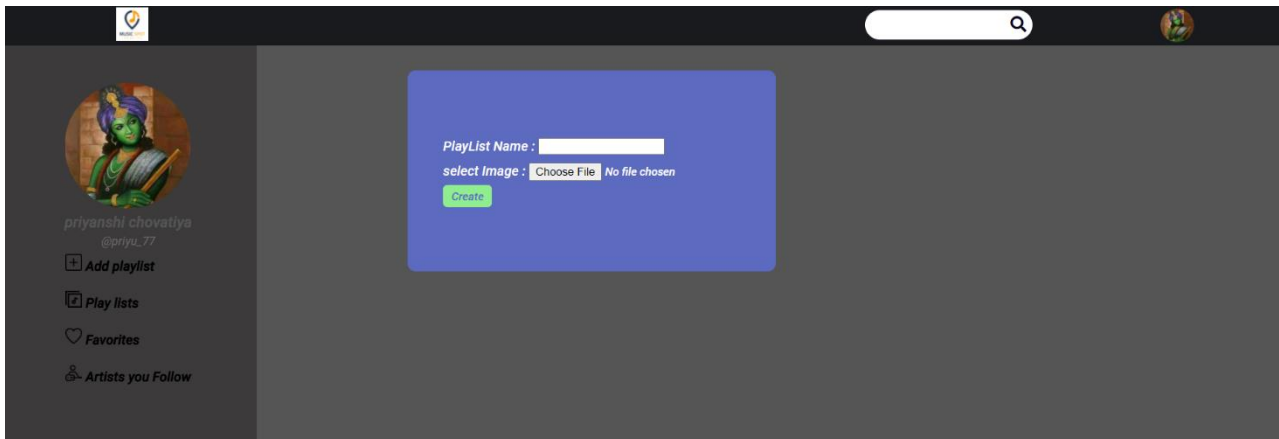
▶ ◀ 🔊 ⋮

[Like](#) [Add to Playlist](#)

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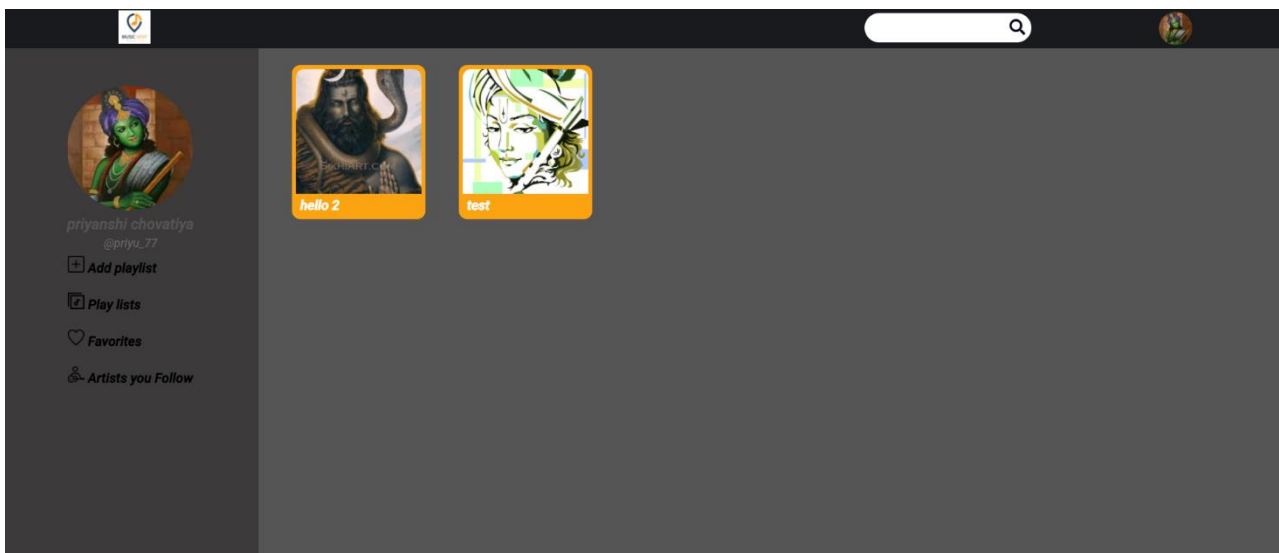
[privacy policy](#) | [About us](#) | [Contact us](#) | [Developer](#) | [Admin](#)

5. Create New Playlist :

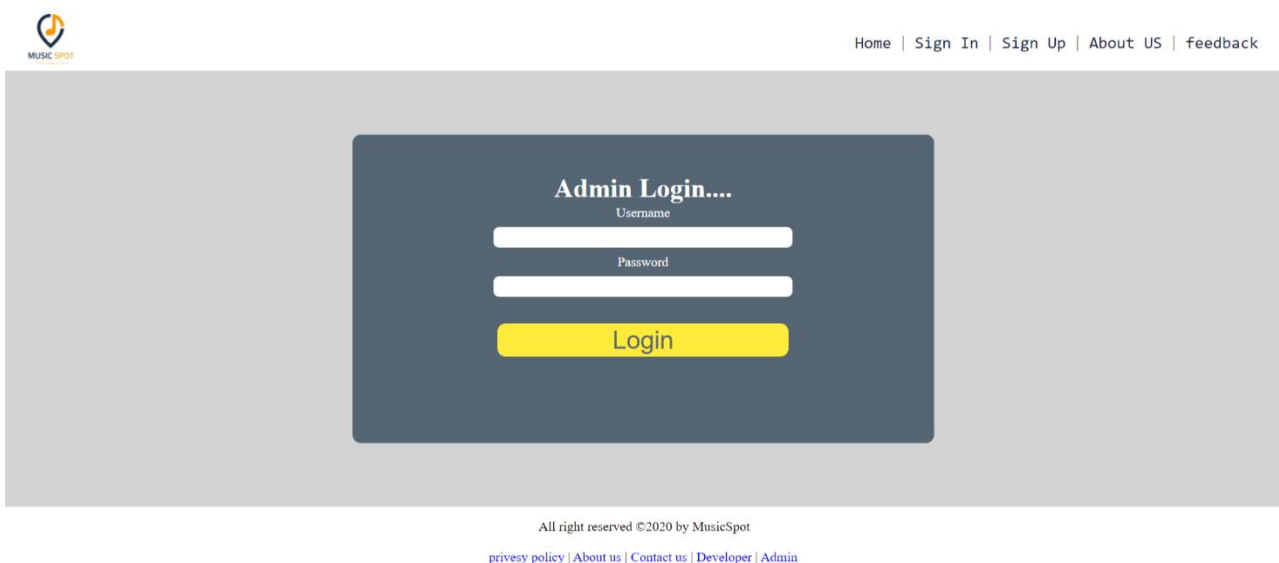


The screenshot shows a user profile on the left with the name 'priyanshi chovatiya' and handle '@priyu_77'. The main area features a blue form titled 'Create New Playlist'. The form includes a 'Playlist Name' input field, a 'select Image' section with 'Choose File' and 'No file chosen' options, and a green 'Create' button.

6. Playlists :



7. Admin Login :



The screenshot shows the 'Admin Login' page. At the top left is the 'MUSIC SPOT' logo. At the top right are navigation links: 'Home | Sign In | Sign Up | About US | feedback'. The central form is titled 'Admin Login....' and contains fields for 'Username' and 'Password', followed by a yellow 'Login' button. At the bottom, there is a copyright notice: 'All right reserved ©2020 by MusicSpot' and a footer with links: 'privacy policy | About us | Contact us | Developer | Admin'.

8. Favorites :

Home > Favorite Songs

priyanshi chovatiya
@priyu_77

- Add playlist
- Play lists
- Favorites
- Artists you Follow

Song Title	Artist	Duration	Like	Add to Playlist
KGF maa theme	@priyu_77	0:00 / 0:24	Like	Add to Playlist
Somnath mahadev	@priyu_77	0:00 / 0:25	Like	Add to Playlist
govind	@priyu_77	0:00 / 0:16	Like	Add to Playlist
may i sing	@priyu_77	0:00 / 0:29	Like	Add to Playlist
Alonweker Moon	@priyu_77	0:00 / 0:45	Like	Add to Playlist
new try	@priyu_77	0:00 / 0:23	Like	Add to Playlist
second_test0001	@priyu_77	0:00 / 0:24	Like	Add to Playlist
shiv Shakti	@priyu_77	0:00 / 0:29	Like	Add to Playlist
shiv shiv	@priyu_77	0:00 / 0:10	Like	Add to Playlist
ganesh vandana	@priyu_77	0:00 / 1:46	Like	Add to Playlist

9. Artist Profile page :

shree shani
followers 0
Songs 0

shree shani
shani_supu

- My profile
- Edit Profile
- Upload Song
- LogOut

Upload Song

- Add playlist
- Play lists
- Favorites
- Artists you Follow

Resent Added

Playlists

- daanji2
- daanji

About...

Songs

Song Title	Artist	Duration	Like	Add to Playlist
may i sing	@shani_supu	0:00 / 0:29	Like	Add to Playlist
shiv Shakti	@shani_supu	0:00 / 0:29	Like	Add to Playlist
shiv shiv	@shani_supu	0:00 / 0:10	Like	Add to Playlist
ganesh vandana	@shani_supu	0:00 / 1:46	Like	Add to Playlist

10. Upload Song:

The screenshot shows a user profile for 'Mayank Sindhiya' on the left sidebar. The main content area is titled 'Home > Upload Song'. A central modal form titled 'Upload Song' contains the following fields:

- 1 Song Image: Choose File dan 193.jpg
- 2 Song Name:
- 3 Category: Classical (dropdown)
- 4 Language: English (dropdown)
- 5 write By/Lyrics by:
- 6 Upload Song: Choose File No file chosen

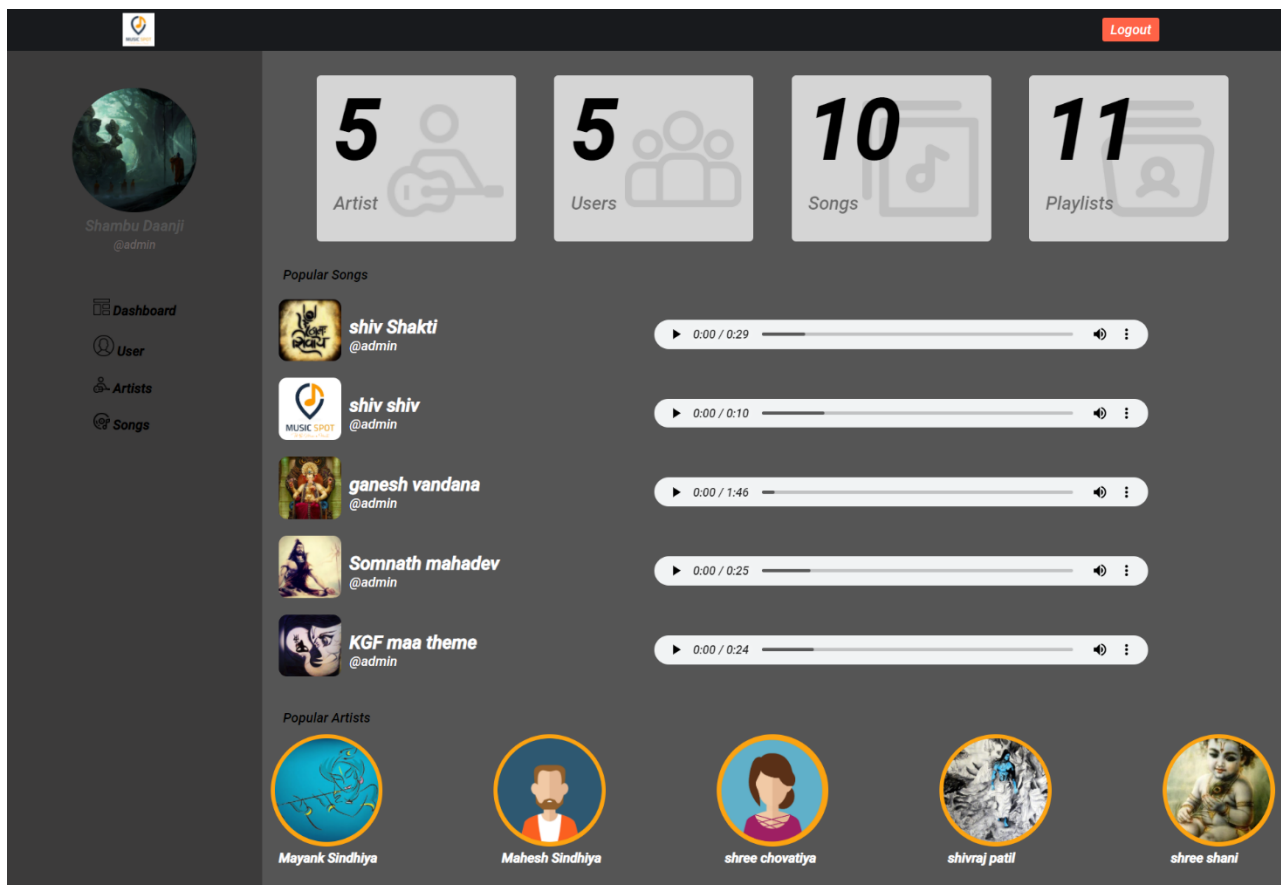
At the bottom of the form are 'Upload' and 'Cancel' buttons.

11. Update Profile :

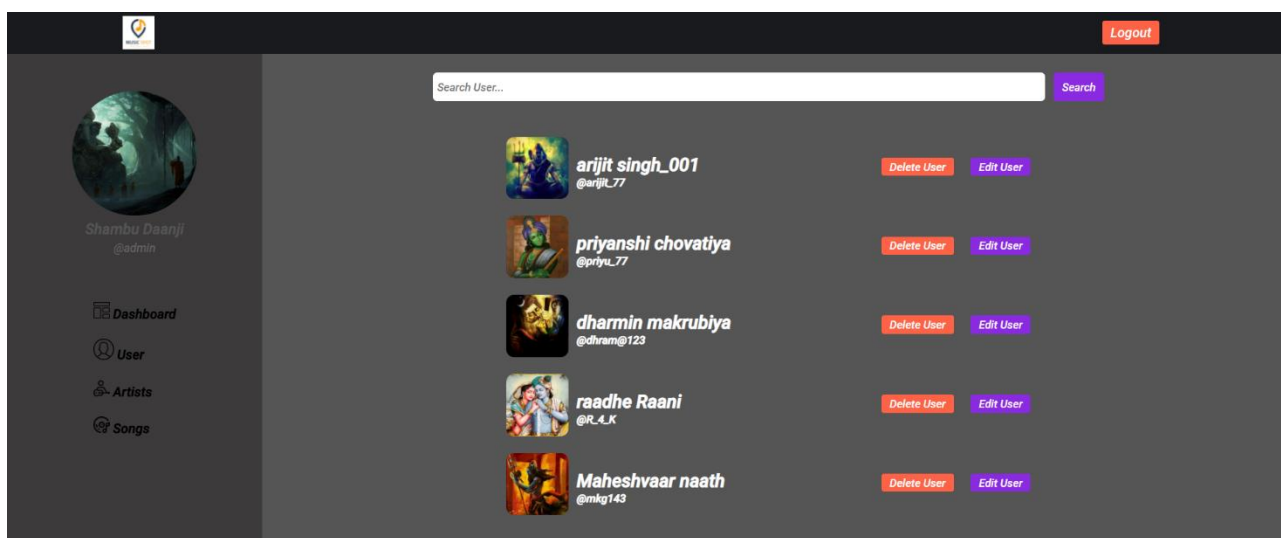
The screenshot shows a user profile for 'priyanshi chovatiya' on the left sidebar. The main content area is titled 'Home > Update Profile Details'. A central modal form titled 'Update Profile Details' contains the following fields:

Change profile Picture		Choose File No file chosen <input type="button" value="Upload"/>
Change First name	priyanshi	First name..... <input type="button" value="Update"/>
Change Last name	chovatiya	Last name..... <input type="button" value="Update"/>
Change Email	priyu_77@gmail.com	Email..... <input type="button" value="Update"/>
Change Birth Date	2004-04-30	dd-mm-yyyy <input type="button" value="Update"/>
Change Password	New Password.... Conform Password.... <input type="button" value="Update"/>	

12. Admin home :



13. Edit or Delete users :



14. Edit of Delete songs :

The screenshot shows the Music Spot dashboard. On the left is a sidebar with a user profile (Shambu Daanji @admin) and navigation links: Dashboard, User, Artists, and Songs. The main area features a search bar and a list of songs. Each song entry includes a thumbnail, the song name, the user (@admin), a progress bar, and two buttons: 'Delete Song' (orange) and 'Edit Song' (purple).

Song Name	User	Duration	Delete Song	Edit Song
shiv shiv	@admin	0:00 / 0:10	Yes	Yes
shiv Shakti	@admin	0:00 / 0:29	Yes	Yes
ganesh vandana	@admin	0:00 / 1:46	Yes	Yes
second_test0001	@admin	0:00 / 0:24	Yes	Yes
KGF maa theme	@admin	0:00 / 0:24	Yes	Yes
Somnath mahadev	@admin	0:00 / 0:25	Yes	Yes
Alonweker Moon	@admin	0:00 / 0:45	Yes	Yes
new try	@admin	0:00 / 0:23	Yes	Yes
may i sing	@admin	0:00 / 0:29	Yes	Yes
govind	@admin	0:00 / 0:16	Yes	Yes

15. Edit Song :

The screenshot shows the 'Edit Song' form. It has a 'Go Back' link at the top left. The form is divided into three columns. The first column contains labels for each field. The second column contains the current values. The third column contains input fields for editing. There are 'Choose File' and 'Upload' buttons for the image and file fields. The 'name', 'category', and 'language' fields are text inputs or dropdowns. An 'Upload' button is at the bottom.

Field	Current Value	Input Field
Change Song Image	MUSIC SPOT logo	Choose File (No file chosen), Upload
Change Song file	0:00 / 0:10	Choose File (No file chosen), Upload
Change Song name	shiv shiv	shiv shiv
Change category	Classical	Classical (dropdown)
Change language	Gujrati	Gujrati (dropdown)

Upload

Coding

<!-- *** update profile pic ***** -->**

```
import java.io.File;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.annotation.MultipartConfig;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.Part;

import DBConnect.JOConnction;

import javax.servlet.http.HttpSession;

@WebServlet("/update_profile_pic")

@MultipartConfig(fileSizeThreshold = 1024 * 1024 * 200, // 2MB

    maxFileSize = 1024 * 1024 * 1000, // 10MB

    maxRequestSize = 1024 * 1024 * 5000)

public class update_profile_pic extends HttpServlet {

    public static final String imgUPLOAD_DIR = "files/profile_pics/";

    public String imgDBFileName = "";

    @Override

    protected void doPost(HttpServletRequest request, HttpServletResponse response)

        throws ServletException, IOException {

        HttpSession session=request.getSession();

        response.setContentType("text/html;charset=UTF-8");

        PrintWriter out = response.getWriter();

        String getartistname = "";
```

```

String admin = request.getParameter("admin");

Part part = request.getPart("pro_pic");//

String fileName = System.currentTimeMillis() + "_" + extractFileName(part);//file name

String savePath = "F:\\setup\\all\\project\\MusicSpot\\web\\files\\profile_pics\\" + File.separator + fileName; //img file

File fileSaveDir = new File(savePath);//img file

part.write(savePath + File.separator); //img file

imgDBFileName = imgUPLOAD_DIR + File.separator + fileName; //Song file

try {
    if(session.getAttribute("artistname") != null ){
        getartistname=(String)session.getAttribute("artistname");
        JOConnction.JConnect();

        PreparedStatement addSongToArtistAccount = JOConnction.conn.prepareStatement("update artists SET img = '"+imgDBFileName+"'
where artistname = '"+getartistname+"' ");

        addSongToArtistAccount.executeUpdate();

        if(admin != null ){
            out.println("<script> alert('Profile Pic Updated Succesfully'); "
                + "window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp?artist_name=" + getartistname + "'; </script>");
        }

        out.println("<script> alert('Profile Pic Updated Succesfully'); "
            + "window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp'; </script>");
    }
} catch (ClassNotFoundException | SQLException e) {
    out.println(e);
}

try {
    if(session.getAttribute("username") != null ){
        getartistname=(String)session.getAttribute("username");
        JOConnction.JConnect();

        PreparedStatement addSongToArtistAccount = JOConnction.conn.prepareStatement("update users SET img = '"+imgDBFileName+"'
where username = '"+getartistname+"' ");

        addSongToArtistAccount.executeUpdate();

        if(admin != null ){
            out.println("<script> alert('Profile Pic Updated Succesfully'); "
                + "window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp?user_name=" + getartistname + "'; </script>");
        }

        out.println("<script> alert('Profile Pic Updated Succesfully'); "

```

```

        + "window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp'; </script>");
    }
} catch (ClassNotFoundException | SQLException e) {
    out.println(e);
}
}

private String extractFileName(Part part) { //This method will print the file name.
    String contentDisp = part.getHeader("content-disposition");
    String[] items = contentDisp.split(";");
    for (String s : items) {
        if (s.trim().startsWith("filename=")) {
            return s.substring(s.indexOf("=") + 2, s.length() - 1);
        }
    }
    return "";
}
}

```

<!-- ***** update song img ***** -->

```

import java.io.File;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import javax.servlet.ServletException;
import javax.servlet.annotation.MultipartConfig;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.Part;
import DBConnect.JOConnction;
import javax.servlet.http.HttpSession;

@WebServlet("/update_song_img")
@MultipartConfig(fileSizeThreshold = 1024 * 1024 * 200, // 2MB
    maxFileSize = 1024 * 1024 * 1000, // 10MB
    maxRequestSize = 1024 * 1024 * 5000)

```

```

public class update_song_img extends HttpServlet {

    public static final String imgUPLOAD_DIR = "files/songs/song_img/";

    public String imgDBFileName = "";

    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        HttpSession session=request.getSession();

        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        String getartistname = "";

        String song_name = request.getParameter("song_name");
        String id = request.getParameter("id");
        Part part = request.getPart("simg");//

        String fileName = System.currentTimeMillis() + "_" + extractFileName(part);//file name

        String savePath = "F:\\setup\\all\\project\\MusicSpot\\web\\files\\songs\\song_img\\" + File.separator + fileName; //img file

        File fileSaveDir = new File(savePath);//img file

        part.write(savePath + File.separator); //img file

        imgDBFileName = imgUPLOAD_DIR + File.separator + fileName; //Song file

        try {

            JOConnction.JConnect();
            PreparedStatement addSongToArtistAccount = JOConnction.conn.prepareStatement("update songs SET img = '"+imgDBFileName+"' where song_id = '"+id+"' ");
            addSongToArtistAccount.executeUpdate();
            out.println("<script> alert('Song Image Updated Succesfully'); "
                + "window.location.href = 'http://localhost:8084/MusicSpot/admin/edit_song.jsp?song_name="+ song_name +"'; </script>");

        } catch (ClassNotFoundException | SQLException e) {
            out.println(e);
        }
    }
}

```



```

    }

    private String extractFileName(Part part) { //This method will print the file name.

        String contentDisp = part.getHeader("content-disposition");

        String[] items = contentDisp.split(";");

        for (String s : items) {

            if (s.trim().startsWith("filename")) {

                return s.substring(s.indexOf("=") + 2, s.length() - 1);

            }

        }

        return "";

    }

}

```

<!-- *** upload song file ***** -->**

```

import java.io.File;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.annotation.MultipartConfig;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.Part;

import DBConnect.JOConnction;

import javax.servlet.http.HttpSession;

@WebServlet("/upload_song_file")

@MultipartConfig(fileSizeThreshold = 1024 * 1024 * 200, // 2MB

    maxFileSize = 1024 * 1024 * 1000, // 10MB

    maxRequestSize = 1024 * 1024 * 5000)

public class upload_song_file extends HttpServlet {

    public static final String imgUPLOAD_DIR = "files/songs/song_img/";

    public String imgDBFileName = "";

    @Override

```

```

protected void doPost(HttpServletRequest request, HttpServletResponse response)

    throws ServletException, IOException {

    HttpSession session=request.getSession();

    response.setContentType("text/html;charset=UTF-8");

    PrintWriter out = response.getWriter();

    String getartistname = "";

    String song_name = request.getParameter("song_name");

    String id = request.getParameter("id");

    Part part = request.getPart("song");//

    String fileName = System.currentTimeMillis() + "_" + extractFileName(part);//file name

    String savePath = "F:\\setup\\all\\project\\MusicSpot\\web\\files\\songs\\" + File.separator + fileName; //img file

    File fileSaveDir = new File(savePath);//img file

    part.write(savePath + File.separator); //img file

    imgDBFileName = imgUPLOAD_DIR + File.separator + fileName; //Song file

    try {

        JOConnction.JConnect();

        PreparedStatement addSongToArtistAccount = JOConnction.conn.prepareStatement("update songs SET song_file = '"+imgDBFileName+"
where song_id = '"+id+"' ");

        addSongToArtistAccount.executeUpdate();

        out.println("<script> alert('Song Image Updated Succesfully'); "

            + "window.location.href = 'http://localhost:8084/MusicSpot/admin/edit_song.jsp?song_name="+ song_name +"'; </script>");

    } catch (ClassNotFoundException | SQLException e) {

        out.println(e);

    }

}

private String extractFileName(Part part) { //This method will print the file name.

    String contentDisp = part.getHeader("content-disposition");

    String[] items = contentDisp.split(";");

    for (String s : items) {

        if (s.trim().startsWith("filename")) {

            return s.substring(s.indexOf("=") + 2, s.length() - 1);

        }

    }

    return "";
}

```

```
}  
}
```

<!-- ***** FILE UPLOAD (JAVA) ***** -->

```
import java.io.File;  
import java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.PreparedStatement;  
import java.sql.SQLException;  
import javax.servlet.ServletException;  
import javax.servlet.annotation.MultipartConfig;  
import javax.servlet.annotation.WebServlet;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
import javax.servlet.http.Part;  
import DBConnect.JOConnction;  
import javax.servlet.http.HttpSession;  
  
@WebServlet("/FileUploadServlet")  
@MultipartConfig(fileSizeThreshold = 1024 * 1024 * 200, // 2MB  
    maxFileSize = 1024 * 1024 * 1000, // 10MB  
    maxRequestSize = 1024 * 1024 * 5000)  
  
public class FileUploadServlet extends HttpServlet {  
  
    public static final String UPLOAD_DIR = "files/songs/song_img/";  
    public static final String SongUPLOAD_DIR = "files/songs/";  
    public String dbFileName = "";  
    public String SongdbFileName = "";  
  
    @Override  
    protected void doPost(HttpServletRequest request, HttpServletResponse response)  
        throws ServletException, IOException {  
        HttpSession session=request.getSession();  
  
        response.setContentType("text/html;charset=UTF-8");  
        PrintWriter out = response.getWriter();  
  
        String admin = request.getParameter("admin");  
        String id = request.getParameter("id");
```

```

String category = request.getParameter("scategory");
session.setAttribute("category", category);

String language = request.getParameter("Language");
session.setAttribute("language", language);

String songName = request.getParameter("sname");
session.setAttribute("songName", songName);

String lyrics = request.getParameter("written_by");
session.setAttribute("lyrics", lyrics);

String getartistname=(String)session.getAttribute("artistname");
int total_Songs = 0;
try{
    JOConnction.JConnect();
    PreparedStatement getNumOfSongs = JOConnction.conn.prepareStatement("select * from artists where artistname='"+getartistname+"'");
    getNumOfSongs.executeQuery();
    while(getNumOfSongs.getResultSet().next()){
        total_Songs = Integer.parseInt(getNumOfSongs.getResultSet().getString("num_songs"));
        total_Songs++;
    }
}catch(ClassNotFoundException | NumberFormatException | SQLException ex){
    out.println("Error...."+ ex);
}

try {
    JOConnction.JConnect();
    if(admin != null){
        PreparedStatement pst = JOConnction.conn.prepareStatement("update songs set name = '"+songName+"', artistname = '"+ admin + "',
language = '"+ language + "', category = '"+ category + "' where song_id = '"+id+"'");
        pst.executeUpdate();
        out.println("<script> alert('Song Uploaded Succesfully'); "
            + "window.location.href = 'http://localhost:8084/MusicSpot/admin/edit_song.jsp'; </script>");
    }
}

try{
    JOConnction.JConnect();
    PreparedStatement SongNameCheck = JOConnction.conn.prepareStatement("select * from songs where name='"+songName+"'");
    SongNameCheck.executeQuery();
    if (SongNameCheck.getResultSet().next()){
        out.println("<script> alert('Song name already exist'); "
            + "window.location.href = 'http://localhost:8084/MusicSpot/upload_song_form.jsp'; </script>");
    }
}

```

```

        out.println("<center><h1>Song name already exist</h1> ");

        out.println("<a href = 'upload_song_form.jsp'> Go back </a> </center>");

        return;
    }

} catch (ClassNotFoundException | SQLException ex) {

    out.println("Error... song name :"+ ex);

}

if(admin == null){

    PreparedStatement addSongToArtistAccount = JOConnction.conn.prepareStatement("update artists SET songs_name =
CONCAT(songs_name,'"+songName+"'), num_songs = '"+total_Songs+"' where artistname = '"+getartistname+"' ");

    addSongToArtistAccount.executeUpdate();

    PreparedStatement pst = JOConnction.conn.prepareStatement("insert into songs(name, song_file, artistname, language, img, category)
values(?,?,?,?,?,?)");

    pst.setString(1, songName);

    pst.setString(2, SongdbFileName);

    pst.setString(3, getartistname);

    pst.setString(4, language);

    pst.setString(5, dbFileName);

    pst.setString(6, category);

    pst.executeUpdate();

    out.println("<script> alert('Song Uploaded Succesfully'); "
        + "window.location.href = 'http://localhost:8084/MusicSpot/upload_song_form.jsp'; </script>");

}

} catch (ClassNotFoundException | SQLException e) {

    out.println(e);

}

}

private String extractFileName(Part part) { //This method will print the file name.

    String contentDisp = part.getHeader("content-disposition");

    String[] items = contentDisp.split(";");

    for (String s : items) {

        if (s.trim().startsWith("filename")) {

            return s.substring(s.indexOf("=") + 2, s.length() - 1);

        }

    }

    return "";

}

}

```

<!-- *** CONNECTION FILE ***** -->**

```

package DBConnect;

import java.sql.*;

public class JOConnction {

    public static Connection conn;

    public static Statement st;

    public static ResultSet rs;

    public static void JConnect() throws ClassNotFoundException, SQLException
    {

        String userid = "root";

        String password = "root";

        Class.forName("com.microsoft.sqlserver.jdbc.SQLServerDriver");

        conn=DriverManager.getConnection("jdbc:sqlserver://localhost:1433;databaseName=music",userid, password);

        st=conn.createStatement();

    }

}

```

<!-- *** srting to array ***** -->**

```

package UserInfo;

import java.util.Arrays;

import java.util.List;

import java.util.stream.Collectors;

public class srting_to_array {

    public static String[] convertSTRtoARY(String commaSeparatedStr)

    {

        String[] commaSeparatedArr = commaSeparatedStr.split(",");

        return commaSeparatedArr;

    }

}

```

<!-- *** UPDATE PROFILE PAGE ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%@page import="UserInfo.srting_to_array"%>

<%

    String getusername = "";

    String artist_name = "";

```

```

String print_img = "";

String FName = "";

String lname = "";

String email = "";

String dob = "" ;

int num_fowl = 0;

int num_songs = 0;

if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}

if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

try{

    if(session.getAttribute("artistname") != null){

        JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusername+"'");

        while(JOConnction.rs.next()){

            num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));

            num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));

            print_img = JOConnction.rs.getString("img");

            FName = JOConnction.rs.getString("fname");

            lname = JOConnction.rs.getString("lname");

            email = JOConnction.rs.getString("email");

            dob = JOConnction.rs.getString("dob");

        }

    }

    if(session.getAttribute("username") != null){

        JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getusername+"'");

        while(JOConnction.rs.next()){

            print_img = JOConnction.rs.getString("img");

            FName = JOConnction.rs.getString("fname");

            lname = JOConnction.rs.getString("lname");

            email = JOConnction.rs.getString("email");

            dob = JOConnction.rs.getString("dob");

        }

    }

}catch (Exception ex){

    out.print("artist qur error..." + ex);

}

%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

<style>

    .upload {

```

```

display: grid;

place-content: center;

height: auto;

margin-bottom: 100px;
}

.form_wreper {

background: #566573;

padding: 20px;

height: 550px;

width: 800px;

display: grid;

line-height: 48px;

border-radius: 10px;

place-content: center;
}

.form_wreper label, .up_btn {

margin: 0 20px 0 0;

background: #fca311;

border: none;

border-radius: 3px;

padding: 3px 10px;

cursor: pointer;

color: white;
}

.upload .form_wreper img{

top: 0px;

left: 0px;

width: 150px;

height: 150px;

object-fit: cover;

margin-top: 25px;

border: none;

border-radius: 50%;
}

.upload .form_wreper .firsr_td1{

width: 30%; padding-left: 10px;
}

.upload .form_wreper .output{

```



```

width: 30%; padding-left: 10px;
}

.upload .form_wreper .submit{
width: 40%; padding-left: 10px;
}
</style>

<div class="main_right" style="color: #FF8A65;">

<div class="breadcrumbs">

<ul class="collapsed">

<li><% if(session.getAttribute("artistname") != null){ %> <a href="artist_home.jsp">Home</a></li> <%}%>

<li><% if(session.getAttribute("username") != null){ %> <a href="home.jsp">Home</a></li> <%}%>

<li> Update Profile Details </li>

</ul>

</div>

<div class="upload">

<div class="form_wreper">

<table border="1px" >

<tr>

<td class="firsr_td1">Change profile Picture </td>

<td class="output" style="text-align: center;"> </td>

<td class="submit" style="text-align: center;">

<form action="update_profile_pic" method="POST" enctype="multipart/form-data">

<input type="file" name="pro_pic" accept="image/*">

<input type="submit" name="pro_pic_btn" class="up_btn" value="Upload">

</form>

</td>

</tr>

<tr>

<td class="firsr_td1">Change First name </td>

<td class="output"><%=Fname%> </td>

<td class="submit">

<form action="execude_update.jsp" method="POST" >

<input type="text" name="firs_tname" placeholder="First name....">

<input type="submit" name="fname_btn" class="up_btn" value="Update">

</form>

</td>

</tr>

<tr>

<td class="firsr_td1">Change Last name </td>

<td class="output"><%=lname%> </td>

<td class="submit">


```

```

        <form action="execude_update.jsp" method="POST" >
            <input type="text" name="lname" placeholder="Last name....">
            <input type="submit" name="lname_btn" class="up_btn" value="Update">
        </form>
    </td>
</tr>
<tr>
    <td class="firsr_td1">Change Email </td>
    <td class="output"> <%=email%> </td>
    <td class="submit">
        <form action="execude_update.jsp" method="POST" >
            <input type="email" name="email" placeholder="Email....">
            <input type="submit" name="email_btn" class="up_btn" value="Update">
        </form>
    </td>
</tr>
<tr>
    <td class="firsr_td1">Change Birth Date </td>
    <td class="output"> <%=dob%> </td>
    <td class="submit">
        <form action="execude_update.jsp" method="POST" >
            <input type="date" name="dob" placeholder="Date Of Birth....">
            <input type="submit" name="dob_btn" class="up_btn" value="Update">
        </form>
    </td>
</tr>
<tr>
    <td class="firsr_td1">Change Password </td>
    <td class="output" colspan="2">
        <form action="execude_update.jsp" method="POST" >
            <input type="password" name="pswd" placeholder="New Password....">
            <input type="password" name="pswd2" placeholder="Conform Password....">
            <input type="submit" name="pswd_btn" class="up_btn" value="Update">
        </form>
    </td>
</tr>
</table>
</div>
</div>
</body>

```

</html>

<!-- *** UPLOAD SONG FORM ***** -->**

```
<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%
    String getartistname = "";
    if(session.getAttribute("artistname") != null){ getartistname = session.getAttribute("artistname").toString();}
    // if(session.getAttribute("artistname") != null){ getartistname = session.getAttribute("artistname").toString();}
%>
<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>
<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>
<style>
    .upload {
        display: grid;
        place-content: center;
    }
    .form_wreper {
        background: bisque;
        padding: 20px;
        height: 450px;
        width: 500px;
        display: grid;
        line-height: 48px;
        border-radius: 10px;
        place-content: center;
    }
    .form_wreper label, input[type="submit"] {
        margin: 0 20px 0 0;
    }
</style>

<div class="main_right">
    <div class="breadcrumbs">
        <ul class="collapsed">
            <li><a href="artist_home.jsp">Home</a></li>
            <li><a href="#">First link</a></li>
        </ul>
    </div>
</div>
```

```

        <li><a href="#">Second link</a></li>

        <li><a href="#">Another lengthier link</a></li>

        <li><a href="#">Final link in the hierarchy</a></li>-->

        <li>Upload Song</li>

    </ul>

</div>

<div class="upload">

    <div class="form_wreper">

        <center> <u> <h1> Upload Song </h1> </u> </center> <br>

        <form action="FileUploadServlet" method="POST" enctype="multipart/form-data">

            1 <label for="Simg">Song Image</label>

            <input type="file" name="simg" id="" accept="image/*" required> <br>

            2 <label for="sname">Song Name</label>

            <input type="text" name="sname" id="" value="<% if (session.getAttribute("songName") != null ) {
out.print(session.getAttribute("songName")); } %>" required> <br>

            3 <label for="category" name="Cetegory" required> Category </label>

            <select name="scategory" id="" value="<% if (session.getAttribute("category") != null ) { out.print(session.getAttribute("category")); }
%>" required>

                <option value="Classical">Classical</option>

                <option value="Hip-hop">Hip-hop</option>

                <option value="Rap">Rap</option>

                <option value="Pop">Pop</option>

                <option value="Bollywood Music">Bollywood Music</option>

                <option value="Hollywood Music">Hollywood Music</option>

            </select> <br>

            4 <label for="Language">Language</label>

            <select name="Language" id="" name="language" value="<% if (session.getAttribute("language") != null ) {
out.print(session.getAttribute("language")); } %>" required>

                <option value="English">English</option>

                <option value="Hindi">Hindi</option>

                <option value="Punjabi">Punjabi</option>

                <option value="Gujrati">Gujrati</option>

            </select> <br>

            5 <label for="Writen_By">write By/Lyrics by</label>

            <input type="text" name="writen_by" id="" value="<% if (session.getAttribute("lyrics") != null ) {
out.print(session.getAttribute("lyrics")); } %>" required> <br>

            6 <label for="Upload Song">Upload Song</label>

            <input type="file" name="song" id="song" accept="audio/*" required> <br>

            <input type="submit" value="Upload" name="UploadSong">

            <input type="reset" value="Candle" name="Candle">

```

```

        </form>

        <%
            if(request.getParameter("Cancle") != null){
                response.sendRedirect("artist_home.jsp");
            }
        %>
    </div>

</div>

</div>

</div>

```

<!-- *** USER (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%
    String getusername = "";
    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}
    else{ response.sendRedirect("login.jsp"); }
%>
<jsp:include page="left.jsp" />
<style>
    input[type="submit"] {
        background: tomato;
        margin: 25px 10px;
        padding: 3px 10px;
        border: none;
        color: white;
        border-radius: 3px;
    }
    .search_user {
        height: 80px;
        width: 100%;
    }
    .form1 {
        height: 100%;
        width: 100%;
    }

```

```

display: flex;

align-items: center;

justify-content: center;
}

input[type="search"] {

height: 35px;

width: 60%;

padding: 5px;

border: none;

border-radius: 5px;
}

.bottum .S_list {

display: flex;

width: 100%;

position: relative;

align-content: center;

margin: 0 0 20px 0;

justify-content: center;
}
</style>

<div class="main_right">

<div class="werper">

<div class="search_user">

<form action="search_results.jsp" class="form1" method="POST">

<input type="search" name="search_user" placeholder="Search User...">

<input type="submit" name="search_btn_user" value="Search" style="background: blueviolet; height: 35px;">

</form>

</div>

<div class="bottum">

<%

JOConnction.rs = JOConnction.st.executeQuery("select * from users ORDER BY user_id desc ");

while(JOConnction.rs.next()){>

<div class="S_list" style="display: flex; margin-bottom:20px">

" alt="">

<div class="detail">

<h2> <%=JOConnction.rs.getString("fname")%> <%=JOConnction.rs.getString("lname")%> </h2>

<h5> @<%=JOConnction.rs.getString("username")%> </h5>

```

```

        </div>

        <form action="delete.jsp?user_name=<%=JOConnction.rs.getString("username")%>" method="POST">

            <input type="submit" name="delete_btn" value="Delete User" >

        </form>

        <form action="edit.jsp?user_name=<%=JOConnction.rs.getString("username")%>" method="POST">

            <input type="submit" name="edit_btn" value="Edit User" style="background: blueviolet;">

        </form>

    </div>

    <%}

    %>

</div>

</div>

</div>

</body>

</html>

```

<!-- *** MAIN LEFT ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    String print_img = "";

    String Fname = "";

    String lname = "";

    int num_fowl = 0;

    int num_songs = 0;

    if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

    else{ response.sendRedirect("signin.jsp"); }

    try{

        JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getusername+"'");

        while(JOConnction.rs.next()){

            print_img = JOConnction.rs.getString("img");

            Fname = JOConnction.rs.getString("fname");

            lname = JOConnction.rs.getString("lname");

        }

    }catch (Exception ex){

```

```

        out.print("artist qur error...." + ex);
    }
}

<%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="artist_mainHeader.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="mainHeader.jsp" /> <%}%>

<div class="main_part">

    <div class="main_left">

        <div class="user_ing">

            <h3> <b><%=Fname%> <%=lname%> </b> <br> <span>@<%=getusername%></span></h3>

        </div>

        <% if(session.getAttribute("artistname") != null){ %>

            <div class="upload_action">

                <a href="upload_song_form.jsp"> Upload Song </a>

            </div>

        <% } %>

        <div class="playlists">

            <a href="createPlayList.jsp"> <h4 style=" margin-bottom: 20px;"> Add playlist
</h4> </a>

            <a href="palylist_page.jsp" ><h4 style=" margin-bottom: 20px;"> Play lists </h4></a>

            <a href="favorites_page.jsp" ><h4 style=" margin-bottom: 20px;"> Favorites </h4> </a>

            <a href="flw_artists_page.jsp" ><h4 style=" margin-bottom: 20px;"> Artists you Follow </h4> </a>

        </div>

    </div>

```

<!-- *** ADD TO PLAYLIST ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%

    String getusername = "";

    String getsong_name_rs = "";

    int song_id = 0;

```



```

if(session.getAttribute("artistname") != null){ getUsername = session.getAttribute("artistname").toString(); }

if(session.getAttribute("username") != null){ getUsername = session.getAttribute("username").toString(); }

if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

try{

    if(request.getParameter("song_id") != null){

        song_id = Integer.parseInt(request.getParameter("song_id"));

    }

}catch(Exception ex){

    out.print("Uppler 22222222 half..: \n"+ ex);

}

%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

    <title> </title>

</head>

<body>

<%

    try{

        if(request.getParameter("Add") != null){

            String Pname_add = "";

            String songName_comm_add = "";

            String songName_plist_add = "";

            String songname_add = "";

            int song_id4 = Integer.parseInt(request.getParameter("song_id"));

            JOConnction.rs = JOConnction.st.executeQuery("select * from songs where song_id = '"+song_id4+"'");

            while(JOConnction.rs.next()){

                songname_add = JOConnction.rs.getString("name");

            }

            Pname_add = request.getParameter("plists");

            songName_comm_add = ","+songname_add+",";

            try{

                JOConnction.rs = JOConnction.st.executeQuery("select * from Playlists where name = '"+Pname_add+"'");

                while(JOConnction.rs.next()){

                    songName_plist_add = JOConnction.rs.getString("songs");

                }

                if(songName_plist_add.contains(songName_comm_add)){ %>

                    <script> alert("Song allredy present.... "); </script>

```

```

        <% }

        else{

            JOConnction.st.executeUpdate("update Playlists set songs = CONCAT(songs,'" + songname_add + "',) where name = '" + Pname_add + "'
");

            JOConnction.st.executeUpdate("update songs set plist_name = CONCAT(plist_name,'" + Pname_add + "',) where name =
'" + songname_add + "' ");

        %>

        <script> alert("Song Added sucessfully.... "); </script>

        <% }

        } catch (Exception ex){

            out.print("add btn form : " + ex + "<br>");

        }

    }

} catch (Exception ex){

    out.print("error : " + ex + "<br>");

}

%>

<%

try{

    if(request.getParameter("addPlistBtn") != null){

        int song_id3 = Integer.parseInt(request.getParameter("song_id"));

        try{

            JOConnction.rs = JOConnction.st.executeQuery("select * from Playlists where user_name = '" + getusername + "' ");

            if(JOConnction.rs != null){ %>

                <form name="plist_frm" action="adddToPlist.jsp?song_id=<%=song_id3%>" method="POST" >

                    <select name="plists" id="" required> <!-- -->

                        <%while(JOConnction.rs.next()){ %>

                            <option value="<%=JOConnction.rs.getString("name")%>"> <%=JOConnction.rs.getString("name")%> </option>

                        <% } %>

                    </select>

                    <input type="submit" name="Add" name="addPlistBtn" value="Done" >

                </form>

            <%}

            else{ %>

                <script> alert("No play list found, Please Create playlist. "); </script>

            <%}

        } catch (Exception ex){

            out.print("add_to_plist : " + ex);

        }

    }

}

```

```

    }catch(Exception ex){
        out.print("error : " + ex + "<br>");
    }
%>

<form name="plist_frm" action="adddToPlist.jsp?song_id=<%=song_id%>" method="POST" >

    <input type="submit" name ="addPlistBtn" value = "Add to Playlist" style="background: #fca311; border: none; border-radius: 3px; padding: 3px 10px; cursor: pointer; color: white;" >

</form>

</body>

</html>

```

<!-- ***** ADMIN HOME ***** -->

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%

String getusername = "";
String print_img = "";
String Fname = "";
String lname = "";
String num_artist = "";
String num_songs = "";
String num_user = "";
String num_plist = "";

if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}
else{ response.sendRedirect("login.jsp"); }

try{
    JOConnction.rs = JOConnction.st.executeQuery("select * from admin where admin_username = '"+getusername+"'");
    while(JOConnction.rs.next()){
        print_img = JOConnction.rs.getString("img");
        Fname = JOConnction.rs.getString("fname");
        lname = JOConnction.rs.getString("lname");
    }

    JOConnction.rs = JOConnction.st.executeQuery("select COUNT(*) from artists");
    while(JOConnction.rs.next()){
        num_artist = JOConnction.rs.getString(1);
    }

    JOConnction.rs = JOConnction.st.executeQuery("select COUNT(*) from songs");
    while(JOConnction.rs.next()){
        num_songs = JOConnction.rs.getString(1);
    }
}
}

```

```

    }

    JOConnction.rs = JOConnction.st.executeQuery("select COUNT(*) from users");

    while(JOConnction.rs.next()){

        num_user = JOConnction.rs.getString(1);

    }

    JOConnction.rs = JOConnction.st.executeQuery("select COUNT(*) from playlists");

    while(JOConnction.rs.next()){

        num_plist = JOConnction.rs.getString(1);

    }

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

```

```

<jsp:include page="left.jsp" />

```

```

<style>

```

```

.artist {

    background: #d5d5d5;

    height: 200px;

    padding: 20px;

    box-sizing: border-box;

    display: flex;

    width: 240px;

    border: none;

    border-radius: 5px;

    margin: 10px 0;

}

```

```

.l {

    height: 100%;

    width: 65%;

    line-height: 90px;

}

```

```

.r {

    height: 100%;

    width: 5%;

    display: grid;

    place-content: center;

    opacity: 0.1;

}

```

```
.wreper{
  padding: 20px;
  display: flex;
  flex-wrap: wrap;
  justify-content: space-evenly;
}
```

```
.span{
  font-size: 22px; opacity: 0.5;
}
```

```
</style>
```

```
<div class="main_right">
```

```
  <div class="wreper">
```

```
    <div class="artist">
```

```
      <div class="l">
```

```
        <h1 style="font-size: 100px;"> <%=num_artist%> </h1>
```

```
        <span class="span"> Artist </span> </div>
```

```
        <div class="r">  </div>
```

```
    </div>
```

```
    <div class="artist">
```

```
      <div class="l">
```

```
        <h1 style="font-size: 100px;"> <%=num_user%> </h1>
```

```
        <span class="span"> Users </span> </div>
```

```
        <div class="r">  </div>
```

```
    </div>
```

```
<div class="artist">
```

```
  <div class="l">
```

```
    <h1 style="font-size: 100px;"> <%=num_songs%> </h1>
```

```
    <span class="span"> Songs </span> </div>
```

```
    <div class="r">  </div>
```

```
</div>
```

```
<div class="artist">
```

```
  <div class="l">
```

```
    <h1 style="font-size: 100px;"> <%=num_playlist%> </h1>
```

```
    <span class="span"> Playlists </span> </div>
```

```
    <div class="r">  </div>
```

```

    </div>

</div>

<span style="margin: 0 25px"> Popular Songs </span>

<div class="bottom">

    <%

        JOConnction.rs = JOConnction.st.executeQuery("select TOP(5) * from songs ORDER BY num_likes desc ");

        while(JOConnction.rs.next()){%>

            <div class="S_list" style="display: flex; margin-bottom:20px">

                " alt="">

                <div class="detail">

                    <h2><%=JOConnction.rs.getString("name")%> </h2>

                    <p>@<%=getusername%></p>

                </div>

                <audio src=".."<%=JOConnction.rs.getString("song_file")%>" controls></audio>

            </div>

        <%>

    %>

</div>

<span style="margin: 0 25px"> Popular Artists </span>

<div class="line-3">

    <%

        JOConnction.rs = JOConnction.st.executeQuery("select TOP(6) * from artists ORDER BY num_songs desc ");

        while(JOConnction.rs.next()){%>

            <div class="container-3">

                <div class="werper">

                    <a href=".."<%=JOConnction.rs.getString("artistname")%>">" alt=""></a>

                    <h4><%=JOConnction.rs.getString("fname")%> <%=JOConnction.rs.getString("lname")%></h4>

                </div>

            </div>

        <%>%>

    </div>

</div>

</body>

</html>

```

<!-- *** REGISTER ***** -->**

<jsp:include page="header.jsp" />

```

<style>

.form {

    background-color: #566573;

    height: 350px;

    width: 700px;

    color: white;

    margin-top: 5%;

    border-radius: 10px;

    line-height: 30px;

    padding-top: 50px;

    padding-bottom: 71px;

    margin-bottom: 5%;

}

</style>

<center>

<div class="form">

    <h1> Sign Up here... </h1><br> <br>

    <form action="register.jsp" method="POST">

        <label for="fname">First Name</label>

        <input type="text" name="fname" class="text" required value="<% if (session.getAttribute("fname") != null ) {
out.print(session.getAttribute("fname")); } %>"> <br>

        <label for="lname">Last Name</label>

        <input type="text" name="lname" class="text" required value="<% if (session.getAttribute("lname") != null ) {
out.print(session.getAttribute("lname")); } %>"> <br>

        <label for="username">User Name</label>

        <input type="text" name="username" class="text" required value="<% if (session.getAttribute("uname") != null ) {
out.print(session.getAttribute("uname")); } %>"> <br>

        <label for="psws">Password</label>

        <input type="password" name="pswd" class="text" required value="<% if (session.getAttribute("pswd") != null ) {
out.print(session.getAttribute("pswd")); } %>"> <br>

        <label for="email">Email</label>

        <input type="email" name="email" class="text" required value="<% if (session.getAttribute("email") != null ) {
out.print(session.getAttribute("email")); } %>"> <br>

        <label for="DOB">Date of Birth</label>

        <input type="date" name="dob" id="dob" required value="<% if (session.getAttribute("dob") != null ) {
out.print(session.getAttribute("dob")); } %>"> <br>

        <label for="Gender">Gender</label>

        <input type="radio" name="gender" value="male" required> Male

```

```
<input type="radio" name="gender" value="female" required> Female <Br>
```

```
<input type="submit" value="signup" name="signup"><br>
```

```
<% if(request.getParameter("signup") != null)
```

```
{%>
```

```
<%@page import="java.util.ArrayList"%>
```

```
<%@page import="java.sql.*" %>
```

```
<%@page import="DBConnect.JOConnction"%>
```

```
<%
```

```
String fname = request.getParameter("fname");
```

```
session.setAttribute("fname", fname);
```

```
String lname = request.getParameter("lname");
```

```
session.setAttribute("lname", lname);
```

```
String uname = request.getParameter("username");
```

```
session.setAttribute("uname", uname);
```

```
String pswd = request.getParameter("pswd");
```

```
session.setAttribute("pswd", pswd);
```

```
String email = request.getParameter("email");
```

```
session.setAttribute("email", email);
```

```
String dob = request.getParameter("dob");
```

```
session.setAttribute("dob", dob);
```

```
String gender = request.getParameter("gender");
```

```
// String pro_pic = "";
```

```
ArrayList error_array = new ArrayList();
```

```
int ans = 0;
```

```
try
```

```
{
```

```
JOConnction.JConnect();
```

```
JOConnction.rs = JOConnction.st.executeQuery("select * from users where email='"+email+"'");
```

```
if (JOConnction.rs.next() ) {%>
```

```
<Br><h4> <% out.print("Email already exist"); ans = 1; %> </h4> <%
```

```
}
```

```
JOConnction.rs = JOConnction.st.executeQuery("select * from users where username='"+uname+"'");
```

```
if (JOConnction.rs.next()) {%>
```

```
<Br><h4> <% out.print("User name already exist"); ans = 1; %> </h4> <%
```

```
}
```

```
if(uname.length() < 4 || uname.length() > 20){%>
```

```
<Br><h4> <% out.print("User Name Must be between 4 to 20 charectors"); ans = 1; %> </h4> <%
```

```
}
```

```
if(fname.length() < 4 || fname.length() > 25){ %>
```



```

        <Br><h4> <% out.print("First Name Must be between 4 to 25 charactors"); ans = 1; %> </h4> <%
    }
    if(lname.length() < 4 || lname.length() > 25){ %>
        <Br><h4> <% out.print("Last Name Must be between 4 to 25 charectors"); ans = 1; %> </h4> <%
    }
    if(pswd.length() < 4 || pswd.length() > 45){%>
        <Br><h4> <% out.print("Password Must be between 4 to 40 charectors"); ans = 1; %> </h4> <%
    }
    if(ans == 0){
        String pro_pic = "";
        if(gender.equals("male")){

            pro_pic = "assets/images/male.png";
        }
        if(gender.equals("female")){
            pro_pic = "assets/images/female.png";
        }

        JOConnction.st.executeUpdate("insert into users(username, password, Fname, Lname, email, dob, img, gender, Plist_name,
flw_artist) values('"+uname+"', '"+pswd+"', '"+fname+"', '"+lname+"', '"+email+"', '"+dob+"', '"+pro_pic+"', '"+gender+"', ',', ',')");

        session.setAttribute("username", uname);
        response.sendRedirect("home.jsp");
    }
}
catch(Exception ex)
{
    System.out.println("Error :- " + ex);
}
}
%>
</form>
<br>
<center><a href="artist_register.jsp"> Artist ? Register here... </a></center>
</div>
</center>

<jsp:include page="footer.jsp" />

```

<!-- *** REMOVE PLAYLIST ***** -->**

```

<%@page import="java.util.List"%>

<%@page import="java.util.ArrayList"%>

```

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.srting_to_array"%>
<%
    String getusername = "";
    String getPlistname = "";
    String pimg = "";
    String pname = "";
    String user = "";
    String[] song_ary = {};
    String songs = "";
    int i =0;

    getPlistname = request.getParameter("getPlistname");
    if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
    if(session.getAttribute("artistname") != null)
    {
        getusername = session.getAttribute("artistname").toString();
    }
    if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }
    try{
        Statement st = JOConnction.conn.createStatement();
        ResultSet rs = st.executeQuery("select * from Playlists where name = '"+getPlistname+"'");

    }catch (Exception ex){
        out.print("playlist qur error...." + ex);
    }
%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<%
    if(request.getParameter("rmv_Plist_btn") != null){
        String getPLname = request.getParameter("PList_name");
        String getusernm = "";
        String art_plists = "";
        String rp_plists = "";
        if(session.getAttribute("username") != null){ getusernm = session.getAttribute("username").toString();}
        if(session.getAttribute("artistname") != null) { getusernm = session.getAttribute("artistname").toString(); }
        try{
            JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusernm+"' ");

```

```

while(JOConnction.rs.next()){
    art_plists = JOConnction.rs.getString("plist_name");
}

rp_plists = art_plists.replace(getPLname,"");

JOConnction.st.executeUpdate("delete from Playlists where name = '"+getPLname+"' ");

JOConnction.st.executeUpdate("update artists set plist_name = '"+rp_plists+"' where artistname = '"+getusernm+"' ");

%>

<script>

    alert("palylist removed Sucessfully...");

    window.location.href = 'http://localhost:8084/MusicSpot/palylist_page.jsp';

</script>

<%>catch (Exception ex){

    out.print("rmv Plist : " + ex + "<br>");

}

}

%>

```

<!-- *** REMOVE SONG FROM PLAYLIST ***** -->**

```

<%@page import="java.util.List"%>
<%@page import="java.util.ArrayList"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.srting_to_array"%>
<%

String getusername = "";
String getPlistname = "";
String getsongNM = "";

getPlistname = request.getParameter("getPlistname");
if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
if(session.getAttribute("artistname") != null)
{
    getusername = session.getAttribute("artistname").toString();
}

if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

try{

    getsongNM = request.getParameter("song_name");

    Statement st = JOConnction.conn.createStatement();

```

```

ResultSet rs = st.executeQuery("select * from Playlists where name = '"+getPlistname+"'");
out.print("songname top: " + getsongNM + "<br>");

}catch (Exception ex){
    out.print("playlist qur error..." + ex);
}

%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>

<%
try{
if(request.getParameter("remove_song") != null){
    String get_PlistnamesFromSongsTable = "";
    String Plistname_comm = "";
    String remove_PlistNameFromSongsTable = "";
    String PlistTable_songs = "";
    String rp_songsFromPlistTable = "";

    String get_songName = request.getParameter("song_name");
    String songNameComm = "," + get_songName + ",";

//    String getusernm = session.getAttribute("artistname").toString();
    String getPLname = session.getAttribute("getPlistname").toString();
    Plistname_comm = "," + getPLname + ",";

    JOConnction.rs = JOConnction.st.executeQuery("select * from Playlists where name = '"+getPLname+"' ");
    while(JOConnction.rs.next()){
        PlistTable_songs = JOConnction.rs.getString("songs"); // Getting Songs from Playlist Table
    }
    rp_songsFromPlistTable = PlistTable_songs.replace(songNameComm,""); // removeing song name from Playlist
    JOConnction.st.executeUpdate("update Playlists set songs = '"+rp_songsFromPlistTable+"' where name = '"+getPLname+"' "); //updating
playlist Table

    JOConnction.rs = JOConnction.st.executeQuery("select * from songs where name = '"+get_songName+"'");
    while(JOConnction.rs.next()){
        get_PlistnamesFromSongsTable = JOConnction.rs.getString("plist_name"); // Getting Playlist names for song
    }
    remove_PlistNameFromSongsTable = get_PlistnamesFromSongsTable.replace(Plistname_comm,""); //Removing Playlistname from Song
    JOConnction.st.executeUpdate("update songs set plist_name = '"+remove_PlistNameFromSongsTable+"' where name =
 '"+get_songName+"' "); //updating Songs Table

```

```

%>

<script>

    alert("Song removed Sucessfully...");

    window.location.href = 'http://localhost:8084/MusicSpot/playlist.jsp?getPlistname=<%=getPLname%>';

</script>

<%}

}catch (Exception ex){

    out.print("rmv Plist : " + ex + "<br>");

}

%>

```

<!-- *** SEARCH RESULT (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

    else{ response.sendRedirect("login.jsp"); }

%>

<jsp:include page="left.jsp" />

<style>

    input[type="submit"] {

        background: tomato;

        margin: 25px 10px;

        padding: 3px 10px;

        border: none;

        color: white;

        border-radius: 3px;

    }

    .search_user {

        height: 80px;

        width: 100%;

```

```

}

.form1 {
    height: 100%;
    width: 100%;
    display: flex;
    align-items: center;
    justify-content: center;
}

input[type="search"] {
    height: 35px;
    width: 60%;
    padding: 5px;
    border: none;
    border-radius: 5px;
}

.bottum .S_list {
    display: flex;
    width: 100%;
    position: relative;
    align-content: center;
    margin: 0 0 20px 0;
    justify-content: center;
}
</style>

<div class="main_right" >
    <div class="bottum">
        <%
            if(request.getParameter("search_btn_user") != null){ %>
                <div class="breadcrumbs">
                    <ul class="collapsed">
                        <li> <a href="user.jsp"> Go Back </a></li>
                    </ul>
                </div>
                <% String get_search = request.getParameter("search_user");
                    JOConnction.rs = JOConnction.st.executeQuery("select * from users where username like '%" + get_search + "%' ORDER BY user_id
desc ");

                    while(JOConnction.rs.next()){%>

```

```

<div class="S_list" style="display: flex; margin-bottom:20px">

    " alt="">

    <div class="detail">

        <h2> <%=JConnction.rs.getString("fname")%> <%=JConnction.rs.getString("lname")%> </h2>

        <h5> @<%=JConnction.rs.getString("username")%> </h5>

    </div>

    <form action="delete.jsp?user_name=<%=JConnction.rs.getString("username")%>" method="POST">

        <input type="submit" name="delete_btn" value="Delete User" >

    </form>

    <form action="edit.jsp?user_name=<%=JConnction.rs.getString("username")%>" method="POST">

        <input type="submit" name="edit_btn" value="Edit User" style="background: blueviolet;">

    </form>

</div>

<%>

}

%>

<%

if(request.getParameter("search_song_btn") != null){ %>

    <div class="breadcrumbs">

        <ul class="collapsed">

            <li> <a href="song.jsp"> Go Back </a></li>

        </ul>

    </div>

    <%String get_search = request.getParameter("search_song");

    JConnction.rs = JConnction.st.executeQuery("select * from songs where name like '%" + get_search + "%' ORDER BY song_id desc ");

    while(JConnction.rs.next()){ %>

    <div class="S_list" style="display: flex; margin-bottom:20px">

        " alt="">

        <div class="detail">

            <h2> <%=JConnction.rs.getString("name")%> </h2>

            <p>@<%=getusername%></p>

        </div>

        <audio src=".."<%=JConnction.rs.getString("song_file")%>" controls></audio>

        <form action="delete.jsp?song_name=<%=JConnction.rs.getString("name")%>" method="POST">

```

```

        <input type="submit" name="delete_btn_song" value="Delete Song" >
    </form>

    <form action="edit_song.jsp?song_name=<%=JConnction.rs.getString("name")%>" method="POST">

        <input type="submit" name="edit_btn_song" value="Edit Song" style="background: blueviolet;">
    </form>

</div>

<%}

}

%>

<%

if(request.getParameter("search_artist_btn") != null){ %>

    <div class="breadcrumbs">
        <ul class="collapsed">
            <li> <a href="artist.jsp"> Go Back </a></li>
        </ul>
    </div>

    <% String get_search = request.getParameter("search_artist");
    JConnction.rs = JConnction.st.executeQuery("select * from artists where artistname like '%" + get_search + "%' ORDER BY artist_id
desc ");

    while(JConnction.rs.next()){%>
    <div class="S_list" style="display: flex; margin-bottom: 20px">
        <%=JConnction.rs.getString("img")%> alt="">
        <div class="detail">
            <h2> <%=JConnction.rs.getString("fname")%> <%=JConnction.rs.getString("lname")%> </h2>
            <h5> @<%=JConnction.rs.getString("artistname")%> </h5>
        </div>
        <form action="delete.jsp?artist_name=<%=JConnction.rs.getString("artistname")%>" method="POST">
            <input type="submit" name="delete_btn" value="Delete Artist" >
        </form>
        <form action="edit.jsp?artist_name=<%=JConnction.rs.getString("artistname")%>" method="POST">
            <input type="submit" name="edit_btn" value="Edit Artist" style="background: blueviolet;">
        </form>
    </div>
    <%}

}

```


%>

</div>

</div>

<!-- *** SEARCH RESULT ***** -->**

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

<div class="main_right" >

<div class="bottum">

<%

String get_search = request.getParameter("search_btn");

JOConnction.rs = JOConnction.st.executeQuery("select * from songs where name like '%" + get_search + "%' ORDER BY song_id desc ");

while(JOConnction.rs.next()){%>

<div class="S_list" style="display: flex; margin-bottom:20px">

" alt="">

<div class="detail">

<h2> <%=JOConnction.rs.getString("name")%> </h2>

<p>@<%=JOConnction.rs.getString("artistname")%></p>

</div>

<audio src="<%=JOConnction.rs.getString("song_file")%>" controls></audio>

<iframe src='like.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 70px;position: relative;top: 25px;' scrolling='no'></iframe> <!-- -->

<iframe src='addToPlist.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 190px;position: relative;top: 25px;' scrolling='no'></iframe> <!-- -->

<!---->

</div>

<%}

%>

</div>

</div>

<!-- *** CREATE PLAYLIST ***** -->**

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

```

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

String getusername = "";

String print_img = "";

String Fname = "";

String lname = "";

int num_fowl = 0;

int num_songs = 0;

if(session.getAttribute("username") != null ){

    getusername = session.getAttribute("username").toString();

}

if(session.getAttribute("artistname") != null){

    getusername = session.getAttribute("artistname").toString();

}

if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusername+"'");

    while(JOConnction.rs.next()){

        num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));

        num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));

        print_img = JOConnction.rs.getString("img");

        Fname = JOConnction.rs.getString("fname");

        lname = JOConnction.rs.getString("lname");

    }

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

<style>

.plist_form {

    height: 200px;

    width: 400px;

    background: bisque;

    padding: 20px;

    border-radius: 10px;

}

```

```

display: grid;

margin: 100px 0 0 0;

place-content: center;

line-height: 30px;

}

.cover {

height: 400px;

width: 800px;

display: grid;

place-content: center;

position: relative;

top: -100px;

}

</style>

<div class="main_right" >

<div class="cover">

<div class="plist_form">

<form action="creatPlist" method="POST" enctype="multipart/form-data">

<label for="plistName">PlayList Name :</label>

<input type="text" name="plName" class="text" required > <br>

<label for="plImg">select Image : </label>

<input type="file" name="plist_img"><br>

<input type="submit" name="createPL" value="Create">

</form>

</div>

</div>

</div>

```

<!-- *** DELETE BTN (ADMIN) ***** -->**

```

<%@page import="java.util.ArrayList"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%@page import="UserInfo.srting_to_array"%>

<%

String getusername = "";

if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

```

```

else{ response.sendRedirect("login.jsp"); }

%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<%--<jsp:include page="left.jsp" />--%>

<div class="main_right">

<div class="wreper">

<%

try{

if(request.getParameter("delete_btn") != null){

String username = request.getParameter("user_name");

JConnction.st.executeUpdate("delete from users where username = '"+username+"' ");

JConnction.st.executeUpdate("delete from playlist where user_name = '"+username+"' ");

%>

<script>

alert("User removed Sucessfully...");

window.location.href = 'http://localhost:8084/MusicSpot/admin/user.jsp';

</script>

<%}

}catch (Exception ex){

out.print("artist qur error...:" + ex);

}

%>

<%

try{

if(request.getParameter("delete_btn") != null){

String username = request.getParameter("artist_name");

JConnction.st.executeUpdate("delete from artists where artistname = '"+username+"' ");

JConnction.st.executeUpdate("delete from playlists where user_name = '"+username+"' ");

%>

<script>

alert("Artist removed Sucessfully...");

window.location.href = 'http://localhost:8084/MusicSpot/admin/artist.jsp';

</script>

<%}

}catch (Exception ex){

```

```

        out.print("artist qur error..." + ex);
    }
%>
<%
try{
    String plist = "";
    String[] plist_ary = {};
    String PlistTable_songs = "";
    String rp_songsFromPlistTable = "";
    int i = 0;
    String getPlistS = ",";
    if(request.getParameter("delete_btn_song") != null){
        String songname = request.getParameter("song_name");
        String songNameComm = "," + songname + ",";
        JOConnction.rs = JOConnction.st.executeQuery("select * from Playlists where songs like '%" + songname + "%'");
        while(JOConnction.rs.next()){
            plist = JOConnction.rs.getString("name");
            getPlistS = getPlistS + plist + ",";
        }
        plist_ary = srting_to_array.convertSTRtoARY(getPlistS);
        String plist_name = "";
        for(i=0;i<plist_ary.length;i++)
        {
            plist_name = plist_ary[i];
            JOConnction.rs = JOConnction.st.executeQuery("select * from Playlists where name = '"+plist_name+"'");
            while(JOConnction.rs.next()){
                PlistTable_songs = JOConnction.rs.getString("songs"); // Getting Songs from Playlist Table
            }
            rp_songsFromPlistTable = PlistTable_songs.replace(songNameComm,""); // removeing song name from Playlist
            JOConnction.st.executeUpdate("update Playlists set songs = '"+rp_songsFromPlistTable+"' where name = '"+plist_name+"'");
//updating playlist Table

        }
        JOConnction.st.executeUpdate("delete from songs where name = '"+songname+"'");
    }
%>
<script>
    alert("Song removed Sucessfully...");

    window.location.href = 'http://localhost:8084/MusicSpot/admin/song.jsp';
</script>
<%
}catch (Exception ex){

```

```

        out.print("rmv Plist : " + ex + "<br>");
    }
    %>
</div>
</div>
</body>
</html>

```

<!-- *** EDIT BTN (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%
    String getusername = "";
    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}
    else{ response.sendRedirect("login.jsp"); }
%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>

<%--<jsp:include page="left.jsp" />--%>
<style>
.upload {
    display: grid;
    place-content: center;
    height: auto;
    margin-bottom: 100px;
}
.form_wreper {
    background: #566573;
    padding: 20px;
    height: 550px;
    width: 800px;
    display: grid;
    line-height: 48px;

    border-radius: 10px;

```

```

        place-content: center;
    }

    .form_wreper label, .up_btn {
        margin: 0 20px 0 0;
        background: #fca311;
        border: none;
        border-radius: 3px;
        padding: 3px 10px;
        cursor: pointer;
        color: white;
    }

    .upload .form_wreper img{
        top: 0px;
        left: 0px;
        width: 150px;
        height: 150px;
        object-fit: cover;
        margin-top: 25px;
        border: none;
        border-radius: 50%;
    }

    .upload .form_wreper .firsr_td1{
        width: 30%; padding-left: 10px;
    }

    .upload .form_wreper .output{
        width: 30%; padding-left: 10px;
    }

    .upload .form_wreper .submit{
        width: 40%; padding-left: 10px;
    }
</style>

<div class="main_right" style="color: #FF8A65;">
    <div class="wreper">
        <%
            try{
                String print_img = "";
                String Fname = "";

```

```

String lname = "";
String email = "";
String dob = "";

if(request.getParameter("user_name") != null){
    String username = request.getParameter("user_name");
    session.setAttribute("username", username);
    JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+username+"'");
    while(JOConnction.rs.next()){
        print_img = JOConnction.rs.getString("img");
        Fname = JOConnction.rs.getString("fname");
        lname = JOConnction.rs.getString("lname");
        email = JOConnction.rs.getString("email");
        dob = JOConnction.rs.getString("dob");
    }
}

if(request.getParameter("artist_name") != null){
    String artistname = request.getParameter("artist_name");

    session.setAttribute("artistname", artistname);
    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+artistname+"'");
    while(JOConnction.rs.next()){
        print_img = JOConnction.rs.getString("img");
        Fname = JOConnction.rs.getString("fname");
        lname = JOConnction.rs.getString("lname");
        email = JOConnction.rs.getString("email");
        dob = JOConnction.rs.getString("dob");
    }
}

%>

<div class="breadcrumbs">
    <ul class="collapsed">
        <% if(session.getAttribute("artistname") != null){ %> <li> <a href="artist.jsp"> Go Back</a> </li> <% } %>
        <% if(session.getAttribute("username") != null){ %> <li> <a href="user.jsp"> Go Back </a></li> <% } %>
    </ul>
</div>

<div class="upload">
    <div class="form_wreper">

        <table border="1px" >

```



```

<tr>

<td class="firsr_td1">Change profile Picture </td>

<td class="output" style=" "> " height="200px"> </td>

<td class="submit" style="">

<form action="../update_profile_pic?admin=admin" method="POST" enctype="multipart/form-data">

<input type="file" name="pro_pic" accept="image/*">

<input type="submit" name="pro_pic_btn" class="up_btn" value="Upload">

</form>

</td>

</tr>

<tr>

<td class="firsr_td1">Change First name </td>

<td class="output"> <%=Fname%> </td>

<td class="submit">

<form action="execude_update.jsp" method="POST" >

<input type="text" name="firs_tname" placeholder="First name....">

<input type="submit" name="fname_btn" class="up_btn" value="Update">

</form>

</td>

</tr>

<tr>

<td class="firsr_td1">Change Last name </td>

<td class="output"> <%=lname%> </td>

<td class="submit">

<form action="execude_update.jsp" method="POST" >

<input type="text" name="lname" placeholder="Last name....">

<input type="submit" name="lname_btn" class="up_btn" value="Update">

</form>

</td>

</tr>

<tr>

<td class="firsr_td1">Change Email </td>

<td class="output"> <%=email%> </td>

<td class="submit">

<form action="execude_update.jsp" method="POST" >

<input type="email" name="email" placeholder="Email....">

<input type="submit" name="email_btn" class="up_btn" value="Update">

</form>

</td>

```

```

        </tr>

        <tr>

            <td class="firsr_td1">Change Birth Date </td>

            <td class="output"> <%=dob%> </td>

            <td class="submit">

                <form action="execude_update.jsp" method="POST" >

                    <input type="date" name="dob" placeholder="Date Of Birth....">

                    <input type="submit" name="dob_btn" class="up_btn" value="Update">

                </form>

            </td>

        </tr>

        <tr>

            <td class="firsr_td1">Change Password </td>

            <td class="output" colspan="2">

                <form action="execude_update.jsp" method="POST" >

                    <input type="password" name="pswd" placeholder="New Password....">

                    <input type="password" name="pswd2" placeholder="Conform Password....">

                    <input type="submit" name="pswd_btn" class="up_btn" value="Update">

                </form>

            </td>

        </tr>

    </table>

</div>

</div>

<%

    }catch (Exception ex){

        out.print("artist qur error...." + ex);

    }

%>

</div>

</div>

</body>

</html>

```

<!-- *** EDIT SONG ***** -->**

```
<%@page import="java.sql.ResultSet"%>
```

```

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

    else{ response.sendRedirect("login.jsp"); }

%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<!--<jsp:include page="left.jsp" />-->

<style>

.upload {

    display: grid;

    place-content: center;

    height: auto;

    margin-bottom: 100px;

}

.form_wreper {

    background: #566573;

    padding: 20px;

    height: 550px;

    width: 800px;

    display: grid;

    line-height: 48px;

    border-radius: 10px;

    place-content: center;

}

.form_wreper label, .up_btn {

    margin: 0 20px 0 0;

    background: #fca311;

    border: none;

    border-radius: 3px;

    padding: 3px 10px;

    cursor: pointer;

    color: white;

}

.upload .form_wreper img{

    top: 0px;

```

```

left: 0px;

width: 150px;

height: 150px;

object-fit: cover;

margin-top: 25px;

border: none;

border-radius: 50%;
}

.upload .form_wreper .firs_td1{

width: 30%; padding-left: 10px;
}

.upload .form_wreper .output{

width: 30%; padding-left: 10px;
}

.upload .form_wreper .submit{

width: 40%; padding-left: 10px;
}
</style>

```

```

<div class="main_right" style="color: #FF8A65;">

<div class="wreper">

<%

try{

String print_img = "";

String name = "";

String category = "";

String language = "";

String song = "" ;

String artist = "" ;

int id = 0;

String song_name = request.getParameter("song_name");

if(request.getParameter("song_name") != null){

//      session.setAttribute("artistname", artistname);

      JOConnction.rs = JOConnction.st.executeQuery("select * from songs where name = '"+song_name+"'");

      while(JOConnction.rs.next()){

          print_img = JOConnction.rs.getString("img");

          name = JOConnction.rs.getString("name");

```

```

        category = JOConnction.rs.getString("category");
        language = JOConnction.rs.getString("language");
        song = JOConnction.rs.getString("song_file");
        artist = JOConnction.rs.getString("artistname");
        id = Integer.parseInt(JOConnction.rs.getString("song_id"));
    }
}

%>

<div class="breadcrumbs">
    <ul class="collapsed">
        <a href="song.jsp"> Go Back </a></li>
    </ul>
</div>

<div class="upload">
    <div class="form_wreper">
        <table border="1px" >

            <tr>

                <td class="firsr_td1">Change Song Image </td>

                <td class="output" style=" "> " height="200px"> </td>

                <td class="submit" style="">

                    <form action="../update_song_img?song_name=<%=song_name%>&id=<%=id%>" method="POST"
enctype="multipart/form-data">

                        <input type="file" name="simg" accept="image/*" >

                        <input type="submit" name="update_song_btn" class="up_btn" value="Upload">

                    </form>

                </td>

            </tr>

            <tr>

                <td class="firsr_td1">Change Song file </td>

                <td class="output" style=" "> <audio src=".."<%=song%>" controls></audio> </td>

                <td class="submit" style="">

                    <form action="../upload_song_file?song_name=<%=song_name%>&id=<%=id%>" method="POST"
enctype="multipart/form-data">

                        <input type="file" name="song" accept="audio/*" >

                        <input type="submit" name="update_song_btn" class="up_btn" value="Upload">

                    </form>

                </td>

            </tr>

            <tr>

```

```

        <td class="firs_td1">Change Song name </td>

        <td class="output"> <%=name%> </td>

        <td class="submit">

            <form action=" ../FileUploadServlet?admin=<%=artist%>&id=<%=id%>" method="POST" enctype="multipart/form-
data">

                <input type="text" name="sname" value="<%=name%>">

            </td>

        </tr>

    <tr>

        <td class="firs_td1">Change category </td>

        <td class="output"> <%=category%> </td>

        <td class="submit">

            <select name="scategory" id="" >

                <option value="Classical" <%if(category.equals("Classical")) { out.print("selected"); }%> >Classical</option>

                <option value="Hip-hop" <%if(category.equals("Hip-hop")) { out.print("selected"); }%> >Hip-hop</option>

                <option value="Rap" <%if(category.equals("Rap")) { out.print("selected"); }%> >Rap</option>

                <option value="Pop" <%if(category.equals("Pop")) { out.print("selected"); }%> >Pop</option>

                <option value="Bollywood Music" <%if(category.equals("Bollywood Music")) { out.print("selected"); }%>
>Bollywood Music</option>

                <option value="Hollywood Music" <%if(category.equals("Hollywood Music")) { out.print("selected"); }%>
>Hollywood Music</option>

            </select>

        </td>

    </tr>

    <tr>

        <td class="firs_td1">Change language </td>

        <td class="output"> <%=language%> </td>

        <td class="submit">

            <select name="Language" id="" name="language" >

                <option value="English" <%if(language.equals("English")) { out.print("selected"); }%> >English</option>

                <option value="Hindi" <%if(language.equals("Hindi")) { out.print("selected"); }%> >Hindi</option>

                <option value="Punjabi" <%if(language.equals("Punjabi")) { out.print("selected"); }%> >Punjabi</option>

                <option value="Gujrati" <%if(language.equals("Gujrati")) { out.print("selected"); }%> >Gujrati</option>

            </select>

        </td>

    </tr>

    <tr style="display: grid; height: 50px;">

        <td colspan="3" style="display: grid; place-content: center; width: 439.5%;"> <input type="submit"
name="update_song_btn" class="up_btn" value="Upload">

    </form> </td>

```

```

        </tr>

    </table>

</div>

</div>

<%
    }catch (Exception ex){
        out.print("artist qur error....:" + ex);
    }
%>
</div>
</div>
</body>
</html>

```

<!-- *** EXECUTE UPDATE (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%@page import="UserInfo.srting_to_array"%>
<%
    String getusername = "";

    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}
    else{ response.sendRedirect("login.jsp"); }

%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Update User details </title>
    <style>
        .block {
            height: 90vh;
            width: 97%;
            /* background: aqua; */

```

```

padding: 20px;

display: grid;

color: white;

place-content: center;
}

.block_wr {

background: #673ab7;

height: 200px;

width: 400px;

display: grid;

place-content: center;

line-height: 40px;

border: none;

box-shadow: 10px 20px 30px #311b92;

border-radius: 20px;
}

input[type="password"] {

height: 25px;

padding: 5px;

border: none;

border-radius: 5px;
}

input.btns {

height: 35px;

border: none;

border-radius: 5px;

background: cornflowerblue;

color: white;
}

input.btns:hover {

background: #2b73f3;
}

</style>

</head>

<body>

<%

try{

String get_fname = "";

```



```

String getUserName = "";

get_fname = request.getParameter("firs_tname");

if(request.getParameter("fname_btn") != null){
    if(session.getAttribute("artistname") != null){
        getUserName = session.getAttribute("artistname").toString();

        JOConnction.st.executeLargeUpdate("update artists set fname= '"+get_fname+"' where artistname = '"+getUserName+"' "; %>

<script>

    alert("First name is updated to <%=get_fname%>");

    window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

</script>

<%}

if(session.getAttribute("username") != null){
    getUserName = session.getAttribute("username").toString();

    JOConnction.st.executeLargeUpdate("update users set fname= '"+get_fname+"' where username = '"+getUserName+"' "; %>

<script>

    alert("First name is updated to <%=get_fname%>");

    window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

</script>

<%}

}

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<%

try{
    String get_lname = "";
    String getUserName = "";
    get_lname = request.getParameter("lname");
    if(request.getParameter("lname_btn") != null){
        if(session.getAttribute("artistname") != null){
            getUserName = session.getAttribute("artistname").toString();

            JOConnction.st.executeLargeUpdate("update artists set lname= '"+get_lname+"' where artistname = '"+getUserName+"' "; %>

<script>

            alert("Last name is updated to <%=get_lname%>");

            window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

</script>

<%}

```

```

        if(session.getAttribute("username") != null){
            getUserName = session.getAttribute("username").toString();
            JOConnction.st.executeLargeUpdate("update users set lname= '"+get_lname+"' where username = '"+getUserName+"' "); %>

            <script>

                alert("Last name is updated to <%=get_lname%>");

                window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

            </script>

            <%}

        }
    }catch (Exception ex){

        out.print("artist qur error...." + ex);

    }

    %>

<%

    try{

        String get_email = "";
        String getUserName = "";

        get_email = request.getParameter("email");
        if(request.getParameter("email_btn") != null){
            if(session.getAttribute("artistname") != null){
                getUserName = session.getAttribute("artistname").toString();
                JOConnction.st.executeLargeUpdate("update artists set email= '"+get_email+"' where artistname = '"+getUserName+"' "); %>

                <script>

                    alert("Email address is updated to <%=get_email%>");

                    window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

                </script>

                <%}

                if(session.getAttribute("username") != null){
                    getUserName = session.getAttribute("username").toString();
                    JOConnction.st.executeLargeUpdate("update users set email= '"+get_email+"' where username = '"+getUserName+"' "); %>

                    <script>

                        alert("Email address is updated to <%=get_email%>");

                        window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

                    </script>

                    <%}

                }

            }catch (Exception ex){

                out.print("artist qur error...." + ex);

```

```

    }
    %>

<%
    try{
        String get_dob = "";
        String getUserName = "";
        get_dob = request.getParameter("dob");
        if(request.getParameter("dob_btn") != null){
            if(session.getAttribute("artistname") != null){
                getUserName = session.getAttribute("artistname").toString();
                JOConnction.st.executeLargeUpdate("update artists set dob= '"+get_dob+"' where artistname = '"+getUserName+"' "); %>
                <script>
                    alert("Date of Birth is updated to <%=get_dob%>");
                    window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';
                </script>
            }
        }
        if(session.getAttribute("username") != null){
            getUserName = session.getAttribute("username").toString();
            JOConnction.st.executeLargeUpdate("update users set dob= '"+get_dob+"' where username = '"+getUserName+"' "); %>
            <script>
                alert("Date of Birth is updated to <%=get_dob%>");
                window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';
            </script>
        }
    }
    }catch (Exception ex){

        out.print("artist qur error...." + ex);
    }
    %>

<%
    try{
        if(request.getParameter("oldpswd_btn") != null){
            String getUserName = "";
            String getOldPswd = "";
            String setPSWD = "";
            String getPSWD = request.getParameter("oldpswd");
            out.print(getPSWD);
            setPSWD = request.getParameter("set_pswd");

```

```

if(session.getAttribute("artistname") != null){

    getUserName = session.getAttribute("artistname").toString();

    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getUserName+"' ");

    while(JOConnction.rs.next()){

        getOldPswd = JOConnction.rs.getString("password");

    }

    if(getPSWD.equals(getOldPswd)){

        JOConnction.st.executeLargeUpdate("update artists set password= '"+setPSWD+"' where artistname = '"+getUserName+"' "); %>

        <script>

            alert("Password has changed to <%=setPSWD%>");

            window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

        </script>

        <%}

    else{ %>

        <script>

            alter("Password Does not Metch...");

            window.location.href = 'http://localhost:8084/MusicSpot/execude_update.jsp';

        </script>

        <%}

    }

}

if(session.getAttribute("username") != null){

    getUserName = session.getAttribute("username").toString();

    JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getUserName+"' ");

    while(JOConnction.rs.next()){

        getOldPswd = JOConnction.rs.getString("password");

    }

    if(getPSWD.equals(getOldPswd)){

        JOConnction.st.executeLargeUpdate("update users set password= '"+setPSWD+"' where username = '"+getUserName+"' "); %>

        <script>

            alert("Password has Changed to <%=setPSWD%>");

            window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';

        </script>

        <%}

    else{ %>

        <script>

            alter("Password Does not Metch...");

            window.location.href = 'http://localhost:8084/MusicSpot/execude_update.jsp';

        </script>

        <%}

    }

}

```

```

    }
}

}catch (Exception ex){
    out.print("artist qur error...." + ex);
}
%>

<%
try{
    String getUserName = "";
    String getPSWD1 = "";
    String getPSWD2 = "";
    if(request.getParameter("pswd_btn") != null){
        getPSWD1 = request.getParameter("pswd");
        getPSWD2 = request.getParameter("pswd2");
        if(getPSWD1.equals(getPSWD2)){ %>
<div class="block">
    <div class="block_wr">
        <form action="execude_update.jsp?set_pswd=<%=getPSWD1%>" method="POST">
            <label for="oldpswd"> Enter Your old Password to set new password </label> <br>
            <input type="password" name="oldpswd" placeholder="Enter Old Password....">
            <input type="submit" name="oldpswd_btn" class="btns" value="Change Password">
        </form>
    </div>
</div>

    <%}
    else{ %>
    <script>
        alert("Password Does not Metch...");

        window.location.href = 'http://localhost:8084/MusicSpot/admin/edit.jsp';
    </script>
    <%}
    }
}catch (Exception ex){
    out.print("artist qur error...." + ex);
}
%>
</body>

```

</html>

<!-- ***** HOME ***** -->

```
<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%
    String getusername = "";
    if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
    if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}
    if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }
%>

<jsp:include page="user_main_left.jsp" />

<div class="main_right" >
    <h3 style="font-size: 32px; color: #fd9a00; margin: 15px 0 0 25px;">Artists you may Like</h3>
    <div class="line-3">
        <%
            JOConnction.rs = JOConnction.st.executeQuery("select TOP(6) * from artists ORDER BY num_songs desc ");
            while(JOConnction.rs.next()){%>
                <div class="container-3">
                    <div class="werper">
                        <a href="artist_profile.jsp?artist_name=<%=JOConnction.rs.getString("artistname")%>">" alt=""></a>
                        <h4><%=JOConnction.rs.getString("fname")%> <%=JOConnction.rs.getString("lname")%></h4>
                    </div>
                </div>
            <%}%>
        </div>
        <div class="bottum">
            <%
                JOConnction.rs = JOConnction.st.executeQuery("select * from songs ORDER BY song_id desc ");

                while(JOConnction.rs.next()){%>
                    <div class="S_list" style="display: flex; margin-bottom:20px">
                        " alt="">
```

```

<div class="detail">

    <h2> <%=JConnction.rs.getString("name")%> </h2>

    <p>@<%=JConnction.rs.getString("artistname")%></p>

</div>

<audio src="<%=JConnction.rs.getString("song_file")%>" controls></audio>

<iframe src='like.jsp?song_id=<%=JConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 70px;position:
relative;top: 25px;' scrolling='no'></iframe> <!-- -->

<iframe src='addtoPlist.jsp?song_id=<%=JConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width:
195px;position: relative;top: 25px;' scrolling='no'></iframe> <!-- -->

<!---->

</div>

<%>

%>

</div>

</div>

</div>

<jsp:include page="footer.jsp" />

```

<!-- ***** INDEX ***** -->

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Welcome To MusicSpot</title>

    <link rel="stylesheet" href="assets/css/index_style.css">

    <link rel="stylesheet" href="assets/css/footer_style.css">

</head>

<body>

    <div class="benner" style="background-image: url(assets/images/wave.jpg); background-repeat: round; background-size: contain;">

        <header>

            <div class="logo" style="float: left;">

            </div>

            <div class="links">

                <a href="index.jsp">Home</a> |

                <a href="signin.jsp">Sign In</a> |

            </div>

        </header>

    </div>

```

```

        <a href="register.jsp">Sign Up</a> |
        <a href="#">About US</a> |
        <a href="#">feedback</a>
    </div>
</header>
<main>
    <div class="first">
        <div class="fs_wer">
            <h1> Welcome to World of <span>Music</span></h1>
        </div>
    </div>
</div>
</main>
<footer>
    <div class="footer">
        <div class="footer_pages">
            <span style="padding-left: 60px;"> All right reserved ♦2020 by MusicSpot </span><br>
            <span> <a href="index.jsp">privesy policy</a> |
            <a href="signin.jsp">About us</a> |
            <a href="#">Contact us</a> |

            <a href="#">Developer</a> |
            <a href="admin/login.jsp"> Admin </a> </span>
        </div>
    </div>
</footer>
</body>
</html>

```

<!-- *** LEFT MENU BAAR (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%
    String getusername = "";
    String print_img = "";
    String Fname = "";
    String lname = "";

```



```

int num_fowl = 0;

int num_songs = 0;

if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

else{ response.sendRedirect("login.jsp"); }

try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from admin where admin_username = '"+getusername+"'");

    while(JOConnction.rs.next()){

        print_img = JOConnction.rs.getString("img");

        Fname = JOConnction.rs.getString("fname");

        lname = JOConnction.rs.getString("lname");

    }

}

} catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<jsp:include page="header.jsp" />

<div class="main_part">

<div class="main_left">

<div class="user_ing">



<h3> <b><%=Fname%> <%=lname%> </b> <br> <span>@<%=getusername%></span></h3>

</div>

<div class="playlists" style="margin: 50px">

<a href="admin_home.jsp"> <h4 style=" margin-bottom: 20px;">
Dashboard </h4> </a>

<a href="user.jsp"> <h4 style=" margin-bottom: 20px;"> User </h4> </a>

<a href="artist.jsp"> <h4 style=" margin-bottom: 20px;"> Artists
</h4> </a>

<a href="song.jsp"> <h4 style=" margin-bottom: 20px;"> Songs
</h4> </a>

</div>

</div>

<!-- ***** LIKE SONG ***** -->

```

```

<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%
    String getusername = "";
    String plist_name = "";
    String userid = "";
    int song_id = 0;
    String songName = "";
    String getSongName = "";
    int num_song_like = 0;
    Statement stArtist_id = JOConnction.conn.createStatement();
    Statement stSongName = JOConnction.conn.createStatement();
    Statement stSongAction = JOConnction.conn.createStatement();
    Statement likeUpdate = JOConnction.conn.createStatement();
//    int song_id = 0;
    try{
        if(session.getAttribute("artistname") != null){
            getusername = session.getAttribute("artistname").toString();
            ResultSet rs = stArtist_id.executeQuery("select * from artists where artistname = '"+getusername+"'");
            while (rs.next()){
                userid = rs.getString("artist_id");
            }
        }
        if(session.getAttribute("username") != null){
            getusername = session.getAttribute("username").toString();
            ResultSet rs = stArtist_id.executeQuery("select * from users where username = '"+getusername+"'");
            while (rs.next()){
                userid = rs.getString("user_id");
            }
        }
        if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

    }catch(Exception ex){
        out.print("Uppler 1111111 half... \n"+ ex);
    }
    try{
        if(request.getParameter("song_id") != null){

```

```

song_id = Integer.parseInt(request.getParameter("song_id"));

ResultSet rs2 = stSongName.executeQuery("select * from songs where song_id = '"+song_id+"'");

while (rs2.next()){

    getSongName = rs2.getString("name");

    songName = ","+getSongName+",";

    num_song_like = Integer.parseInt(rs2.getString("num_likes"));

}

}

}catch(Exception ex){

    out.print("Uppler 22222222 half..: \n"+ ex);

}

%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<link rel="stylesheet" type="text/css" href="assets/style.css">

<style type="text/css">

.S_list #like, #plist {

    cursor: pointer;

    height: 20px;

    width: 20px;

    margin: 0 10px;

    position: relative;

    top: 35px;

    filter: invert(100%) sepia(94%) saturate(929%) hue-rotate(183deg) brightness(121%) contrast(101%);

}

.forms{

    display: flex;

    justify-content: space-between;

}

.btns{

    background: #fca311; border: none; border-radius: 3px; padding: 3px 10px; cursor: pointer; color: white;

}

```

```
</style>
</head>
<body>

<div class="forms">

<%
    try{
        if(request.getParameter("like_song") != null){
            int song_id2 = Integer.parseInt(request.getParameter("song_id"));
            JOConnction.rs = JOConnction.st.executeQuery("select * from favorites where user_name = '"+getusername+"'");
            if(JOConnction.rs.next()){
                JOConnction.st.executeUpdate("update favorites set song_name = CONCAT(song_name,'" +getSongName+"',') where user_name = '"+getusername+"'");
            }
            else{
                String qur = "insert into favorites(user_name, song_name) values('" +getusername+"','"+songName+"')";
                JOConnction.st.executeUpdate(qur);
            }
            num_song_like++;
            likeUpdate.executeUpdate("update songs set num_likes = '"+num_song_like+"' where name = '"+getSongName+"'");
        }
    } catch(Exception ex){
        out.print("Like Button....: " + ex);
    }
%>

<%
    try{
        String rpsong = "";
        String rp_song = "";

        if(request.getParameter("unlike_song") != null)
        {
            int song_id2 = Integer.parseInt(request.getParameter("song_id"));
            JOConnction.rs = JOConnction.st.executeQuery("select * from favorites where user_name = '"+getusername+"' ");
            while(JOConnction.rs.next()){
                rpsong = JOConnction.rs.getString("song_name");
            }
        }
    }
%>
```

</head>

<body>

```
<div class="forms">
```

<0%

```
try{
```

```
if(request.getParameter("like_song") != null){
```

```
int song_id2 = Integer.parseInt(request.getParameter("song_id"));
```

```
JOConnction.rs = JOConnction.st.executeQuery("select * from favorites where user_name = '"+getusername+"'");
```

```
if(JOConnction.rs.next()){
```

```
JOConnction.st.executeUpdate("update favorites set song_name = CONCAT(song_name,'" +getSongName+"',') where user_name = '" +getusername+"'"");
```

}

```
else{
```

```
String qur = "insert into favorites(user_name, song_name) values('"+getusername+"','"+songName+"')";
```

```
JOConnction.st.executeUpdate(qur);
```

}

```
num_song_like++;
```

```
likeUpdate.executeUpdate("update songs set num_likes = '"+num_song_like+"' where name = '"+getSongName+"'");
```

%>

```
<script> alert("Song Added to favorite succesfully :)"); </script>
```

<0%

```
} catch (Exception ex){
```

```
out.print("Like Button...: " + ex);
```

}

%>

<0%

```
try{
```

```
String rpsong = "";
```

```
String rp_song = "";
```

```
if(request.getParameter("unlike_song") != null)
```

 $\{$

```
int song_id2 = Integer.parseInt(request.getParameter("song_id"));
```

```
JOConnction.rs = JOConnction.st.executeQuery("select * from favorites where user_name = '"+getusername+"' ");
```

```
while(JOConnction.rs.next()){
```

```
rsong = JOConnction.rs.getString("song_name");
```

```

rp_song = rpsong.replace(songName, "");

String qur = "update favorites set song_name = '"+rp_song+"' where user_name = '"+getusername+"' ";

JOConnction.st.executeUpdate(qur);

num_song_like--;

likeUpdate.executeUpdate("update songs set num_likes = '"+num_song_like+"' where name = '"+getSongName+"'");

%>

<script>

    alert("Song removed from favorite succesfully :)");

</script>

<%}

}catch(Exception ex){

    out.print("Unlike :"+ ex);

}

%>

<%

try{

    String checkSong = "";

    ResultSet rsSongAction = stSongAction.executeQuery("select song_name from favorites where user_name = '"+getusername+"' ");

    while(rsSongAction.next()){

        checkSong = rsSongAction.getString("song_name");

//        out.print(checkSong);

    }

    if(checkSong.contains(songName)){ //remove song from liked songs%>

        <form name="lick" action="like.jsp?song_id=<%=song_id%>" method="POST" >

            <input type="submit" class="btns" name="unlike_song" value = "Unlike" >

        </form>

    <% }

    else{ //like Song%>

        <form name="lick" action="like.jsp?song_id=<%=song_id%>" method="POST" style="display: grid">

            <input type="submit" class="btns" name="like_song" value = "Like" style="background: #3875C5;">

        </form>

    <%}

}catch(Exception ex){

    out.print("\n hello...: \n" + ex);

}

%>

<!--Add to play List Part-->

```

```
</div>

</body>

</html>
```

```
<!-- ***** LOGIN ***** -->
```

```
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*" %>
<!DOCTYPE html>

<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Welcome To MusicSpot</title>
  <link rel="stylesheet" href="../assets/css/header_style.css">
  <link rel="stylesheet" href="../assets/css/footer_style.css">
  <link rel="shortcut icon" href="../assets/images/logo.png" type="image/x-icon">
  <link href="../assets/css/signin_style.css" rel="stylesheet" type="text/css"/>
</head>
<body>

  <header>
    <div class="logo" style="float: left;">
      
    </div>
    <div class="pages">
      <a href="index.jsp">Home</a> |
      <a href="signin.jsp">Sign In</a> |
      <a href="register.jsp">Sign Up</a> |
      <a href="#">About US</a> |
      <a href="#">feedback</a>
    </div>
  </header>

  <body>
    <center>
      <div class="form">
        <h1> Admin Login.... </h1>
        <form action="login.jsp" method="GET">
```

```

<label for="username">Username</label><br>
<input type="text" name="uname" id=""><br>
<label for="pswd">Password</label> <br>
<input type="password" name="pswd" id=""><br><br>
<input type="submit" value="Login" name="login"><br>

<% if(request.getParameter("login") != null)
{
    String uname = request.getParameter("uname");
    String pswd = request.getParameter("pswd");
    try
    {
        JOConnction.JConnect();
        String qry = "select * from admin where admin_username='"+uname+"' and password='"+pswd+"'";
        JOConnction.rs = JOConnction.st.executeQuery(qry);
        if(JOConnction.rs.next()){
            String admin = JOConnction.rs.getString("admin_username");
            session.setAttribute("admin", admin);

            response.sendRedirect("admin_home.jsp");
        }
        else{ %>
<div id="error">
        <Br><h4> <% out.print("Username or Password is incorrect");%> </h4>
    </div>
    <%}
}
catch(Exception ex)
{
    System.out.println("Error :- " + ex);

}

}%>

</form>
</div>
</center>

<jsp:include page="../footer.jsp" />

```

```

<%@page import="java.util.List"%>
<%@page import="java.util.ArrayList"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.srting_to_array"%>
<%
    String getusername = "";
    String getPlistname = "";
    String pimg = "";
    String pname = "";
    String user = "";
    String[] song_ary = {};
    String songs = "";
    int i =0;

    getPlistname = request.getParameter("getPlistname");
    if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
    if(session.getAttribute("artistname") != null) { getusername =

session.getAttribute("artistname").toString(); }

    if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }
    try{
        Statement st = JOConnction.conn.createStatement();
        ResultSet rs = st.executeQuery("select * from Playlists where name = '"+getPlistname+"'");
        session.setAttribute("getPlistname", getPlistname);
        while(rs.next()){
            pimg = rs.getString("img");
            pname = rs.getString("name");
            user = rs.getString("user_name");
            songs = rs.getString("songs");
            song_ary = srting_to_array.convertSTRtoARY(songs);
        }
    }catch (Exception ex){
        out.print("playlist qur error...." + ex);
    }
%>
<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>
<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>
<style>
    #btn {

```



```

padding: 5px 10px;

background: #fca311;

border: none;

border-radius: 5px;

color: white;

cursor: pointer;

}

#btn:hover{

    background: #ff253a;

}

.btns{

    background: #fca311; border: none; border-radius: 3px; padding: 3px 10px; cursor: pointer; color: white; position: relative; top: 35px;

}

.btns:hover{

    background: #ff253a;

}

.rmv_Plist {

    position: relative;

    top: 140px;

    left: 50px;

}

</style>

<%

    if(request.getParameter("rmv_Plist_btn") != null){

        String getPLname = session.getAttribute("getPlistname").toString();

        String getusernm = session.getAttribute("artistname").toString();

        String art_plists = "";

        String rp_plists = "";

        try{

            JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusernm+"' ");

            while(JOConnction.rs.next()){

                art_plists = JOConnction.rs.getString("plist_name");

            }

            rp_plists = art_plists.replace(getPLname, ",");

            JOConnction.st.executeUpdate("delete from Playlists where name = '"+getPLname+"' ");

            JOConnction.st.executeUpdate("update artists set plist_name = '"+rp_plists+"' where artistname = '"+getusernm+"' ");

        }

    }

%>

```

```

<script>
    alert("palylist removed Sucessfully...");
    window.location.href = 'http://localhost:8084/MusicSpot/palylist_page.jsp';
</script>
<%>catch (Exception ex){
    out.print("rmv Plist : " + ex + "<br>");
}
}
%>

<div class="main_right" style="color: #FF8A65;">
    <div class="breadcrumbs">
        <ul class="collapsed">
            <li><a href="artist_home.jsp">Home</a></li>
            <li><%=pname%></li>
        </ul>
    </div>
    <div class="upper">
        
        <div class="detail">
            <h2><%=pname%></h2>
            <h4>By @<%=user%></h4>
        </div>
        <div class="rmv_Plist">
            <form action="remove_plist.jsp?Plist_name=<%=getPlistname%>" method="POST">

                <input type="submit" name="rmv_Plist_btn" id="btn" value="Remove Playlist" >

            </form>
        </div>
    </div>
    <div class="bottum">
        <%
            String song_name = "";
            try{
                for(i=0;i<song_ary.length;i++)
                {
                    song_name = song_ary[i];
                    JOConnction.rs = JOConnction.st.executeQuery("select * from songs where name = '"+song_name+"'");

                    while(JOConnction.rs.next()){<%>
                        <div class="S_list" style="display: flex; margin-bottom:20px">
                            " alt="">

```

```

        <div class="detail">

            <h2> <%=JOConnction.rs.getString("name")%> </h2>

            <p>@<%=getusername%></p>

        </div>

        <audio src="<%=JOConnction.rs.getString("song_file")%>" controls></audio>

        <iframe src='like.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 70px;position:
        relative;top: 25px;' scrolling='no'></iframe> <!-- -->

        <form action="RemoveSongFromPlist.jsp?song_name=<%=JOConnction.rs.getString("name")%>" method="POST" >

            <input type="submit" class="btns" name="remove_song" value="Remove Song" >

        </form>

    </div>

<%>

}

}catch (Exception ex){

    out.print("song print ...:" + ex);

}

%>

</div>

</div>

</div>

```

<!-- ***** SIGNIN ***** -->

```

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<!DOCTYPE html>

<jsp:include page="header.jsp" />

    <center>

        <div class="form">

            <div class="left_form">

                <!--      -->

            </div>

            <div class="right_form">

                <form action="signin.jsp" method="GET">

                    <label for="role"> Are you a</label>

                    <U><input type="radio" name="role" value="user" required> User</u> or

                    <u><input type="radio" name="role" value="artist" required> Artist</u> ?<br><br>

                    <label for="username">Username</label><br>

                    <input type="text" name="uname" id=""><br>

                    <label for="pswd">Password</label> <br>

                    <input type="password" name="pswd" id=""><br><br>

```

```

<input type="submit" value="Login" name="login"><br>

<% if(request.getParameter("login") != null)
{
    String uname = request.getParameter("uname");
    String pswd = request.getParameter("pswd");
    String role = request.getParameter("role");

    if(role.equals("user")){
        try
        {
            JOConnction.JConnect();

            String qry = "select * from users where username='"+uname+"' and password='"+pswd+"'";
            JOConnction.rs = JOConnction.st.executeQuery(qry);
            if(JOConnction.rs.next()){
                String username = JOConnction.rs.getString("username");
                session.setAttribute("username", username);

                response.sendRedirect("home.jsp");
            }
        }
        else{ %>
            <div id="error">
                <Br><h4> <% out.print("user name or Password is incorrect");%> </h4>
            </div>
            <%}
        }
        catch(Exception ex)
        {

            System.out.println("Error :- " + ex);
        }
    }
    else{
        try{
            String qry2 = "select * from artists where artistname='"+uname+"' and password='"+pswd+"'";
            JOConnction.rs = JOConnction.st.executeQuery(qry2);
            if(JOConnction.rs.next()){
                String artistname = JOConnction.rs.getString("artistname");
                session.setAttribute("artistname", artistname);

                response.sendRedirect("artist_home.jsp");
            }
        }
    }
}
}

```

```

    }

    else{ %>

        <div id ="error">

            <Br><h4> <% out.print("user name or Password is incorrect");%> </h4>

        </div>

        <%}

    }

    catch(Exception ex)

    {

        System.out.println("Error :- " + ex);

    }

}

} %>

</form>

</div>

</div>

</center>

<jsp:include page="footer.jsp" />

```

<!-- *** SONG (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

    else{ response.sendRedirect("login.jsp"); }

%>

<jsp:include page="left.jsp" />

<style>

    input[type="submit"] {

        background: tomato;

        margin: 25px 10px;

        padding: 3px 10px;

        border: none;

        color: white;
    }

```

```

        border-radius: 3px;
    }

    .search_user {
        height: 80px;
        width: 100%;

    }

    .form1 {
        height: 100%;
        width: 100%;
        display: flex;
        align-items: center;
        justify-content: center;
    }

    input[type="search"] {
        height: 35px;
        width: 60%;
        padding: 5px;
        border: none;
        border-radius: 5px;
    }

    .bottom .S_list {
        display: flex;
        width: 100%;
        position: relative;
        align-content: center;
        margin: 0 0 20px 0;
        justify-content: center;
    }
</style>

<div class="main_right">
    <div class="werper">

        <div class="search_user">

            <form action="search_results.jsp" class="form1" method="POST">
                <input type="search" name="search_song" placeholder="Search User...">

```

```

        <input type="submit" name="search_song_btn" value="Search" style="background: blueviolet; height: 35px;">
    </form>
</div>

<div class="bottom">
<%
    JOConnction.rs = JOConnction.st.executeQuery("select * from songs ORDER BY num_likes desc ");

    while(JOConnction.rs.next()){%>
        <div class="S_list" style="display: flex; margin-bottom:20px">
            " alt="">
            <div class="detail">
                <h2><%=JOConnction.rs.getString("name")%> </h2>
                <p>@<%=getusername%></p>
            </div>

            <audio src="..<%=JOConnction.rs.getString("song_file")%>" controls></audio>

            <form action="delete.jsp?song_name=<%=JOConnction.rs.getString("name")%>" method="POST">
                <input type="submit" name="delete_btn_song" value="Delete Song" >
            </form>

            <form action="edit_song.jsp?song_name=<%=JOConnction.rs.getString("name")%>" method="POST">
                <input type="submit" name="edit_btn_song" value="Edit Song"

style="background: blueviolet;">
        </form>

    </div>

<%}
%>
</div>
</div>
</div>
</body>
</html>

```

<!-- *** ARTIST (ADMIN) ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>

```

```

<%@page import="UserInfo.user"%>

<%

String getusername = "";

if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

else{ response.sendRedirect("login.jsp"); }

%>

<jsp:include page="left.jsp" />

<style>

input[type="submit"] {

    background: tomato;

    margin: 25px 10px;


    padding: 3px 10px;

    border: none;

    color: white;

    border-radius: 3px;

}

.search_user {

    height: 80px;

    width: 100%;

}

.form1 {

    height: 100%;

    width: 100%;

    display: flex;

    align-items: center;

    justify-content: center;

}

input[type="search"] {

    height: 35px;

    width: 60%;

    padding: 5px;

    border: none;

    border-radius: 5px;

}

.bottum .S_list {

```



```

display: flex;

width: 100%;

position: relative;


align-content: center;

margin: 0 0 20px 0;

justify-content: center;

}
</style>


<div class="main_right">

    <div class="werper">


        <div class="search_user">

            <form action="search_results.jsp" class="form1" method="POST">

                <input type="search" name="search_artist" placeholder="Search User...">

                <input type="submit" name="search_artist_btn" value="Search" style="background: blueviolet; height: 35px;">

            </form>

        </div>


        <div class="bottum">

            <%

                JOConnction.rs = JOConnction.st.executeQuery("select * from artists ORDER BY artist_id desc ");

                while(JOConnction.rs.next()){%>

                    <div class="S_list" style="display: flex; margin-bottom:20px">

                        " alt="">

                        <div class="detail">

                            <h2> <%=JOConnction.rs.getString("fname")%> <%=JOConnction.rs.getString("lname")%> </h2>

                            <h5> @<%=JOConnction.rs.getString("artistname")%> </h5>

                        </div>

                        <form action="delete.jsp?artist_name=<%=JOConnction.rs.getString("artistname")%>"

method="POST">

                            <input type="submit" name="delete_btn" value="Delete Artist" >

                        </form>

                        <form action="edit.jsp?artist_name=<%=JOConnction.rs.getString("artistname")%>" method="POST">

                            <input type="submit" name="edit_btn" value="Edit Artist" style="background: blueviolet;">

                        </form>

                    </div>

                <%}


```

```

        %>

    </div>

</div>

</div>

</body>

</html>

```

<!-- *** ARTIST HOME ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    String print_img = "";

    String Fname = "";

    String lname = "";

    int num_fowl = 0;

    int num_songs = 0;

    //  if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

    if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}

    else{ response.sendRedirect("signin.jsp"); }

    try{

        JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusername+"'");

        while(JOConnction.rs.next()){

            num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));

            num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));

            print_img = JOConnction.rs.getString("img");

            Fname = JOConnction.rs.getString("fname");

            lname = JOConnction.rs.getString("lname");

        }

    }catch (Exception ex){

        out.print("artist qur error...." + ex);

    }

%>

<jsp:include page="main_left.jsp" />

<div class="main_right" >

    <div class="upper_wreper">

```

```

<div class="profile_upper">

    <div class="detail">

        <h2> <%=Fname%> <%=Iname%> </h2>

        <h4>followers <span> <%=num_fowl %></span></h4>

        <h4>Songs <span> <%=num_songs%> </span> </h4>

        <!-- <input type="submit" name="follow" value="Follow"> -->

    </div>

    <div class="about">

        <h4>About...</h4>

        <p> </p>

    </div>

</div>

<div class="profile_bottom">

    <h2> Resent Added </h2> <br>

    <div class="wreper">

        <div class="line-2">

            <h3> Playlists </h3>

            <%

                try{

                    JOConnction.rs = JOConnction.st.executeQuery("select TOP(5) * from Playlists where user_name = '"+getusername+"' ORDER BY
plist_id desc ");

                    while(JOConnction.rs.next()){ %>

                        <div class="container-2">

                            <div class="werper">

                                <a href="playlist.jsp?getPlistname=<%=JOConnction.rs.getString("name")%>">" alt="">

                                    <h4> <%=JOConnction.rs.getString("name")%> </h4></a>

                                </div>

                            </div>

                        <%}

                    }catch (Exception ex){

                        out.print("play list...: " + ex);

                    }

                %>

            </div>

        </div>

        <h3 style="margin: 0 0 20px;"> Songs </h3> <br>

```

```

<div class="bottom">

    <%

        JOConnction.rs = JOConnction.st.executeQuery("select * from songs where artistname = '"+getusername+"' ORDER BY song_id desc ");

        while(JOConnction.rs.next()){%>

            <div class="S_list" style="display: flex; margin-bottom:20px">

                " alt="">

                <div class="detail">

                    <h2> <%=JOConnction.rs.getString("name")%> </h2>

                    <p>@<%=getusername%></p>

                </div>

                <audio src="<%=JOConnction.rs.getString("song_file")%>" controls></audio>

                <iframe src='like.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 70px;position:
relative;top: 25px;' scrolling='no'></iframe> <!-- -->

                <iframe src='addToPlist.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width:
190px;position: relative;top: 25px;' scrolling='no'></iframe> <!-- -->

                <!---->

            </div>

        <%}

    %>

</div>

</div>

<jsp:include page="footer.jsp" />

```

<!-- *** aRTIST MAIN HEADER ***** -->**

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    String print_img = "";

    String FName = "";

    String lname = "";

    int num_fowl = 0;

    int num_songs = 0;

    // if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

    if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}

```

```

else{ response.sendRedirect("signin.jsp"); }

try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusername+"'");

    while(JOConnction.rs.next()){

        print_img = JOConnction.rs.getString("img");

        Fname = JOConnction.rs.getString("fname");

        lname = JOConnction.rs.getString("lname");

    }

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="assets/fontawesome-free-5.15.1-web/css/all.css" type="text/css"/>

    <link rel="stylesheet" href="assets/css/footer_style.css">

    <link rel="stylesheet" href="assets/css/style.css" type="text/css"/>

    <link rel="shortcut icon" href="assets/images/logo.png" type="image/x-icon">

    <title>MusicSpot</title>

    <script>

        function menuToggle(){

            const toggleMenu = document.querySelector('.menu');

            toggleMenu.classList.toggle('active');

        }

    </script>

    <style>

        .breadcrumbs {

            font-family: Helvetica, Arial, sans-serif;

            margin: 0;

            padding: 1em;

            background-color: rgba(227, 227, 227, 0);

        }

        /* Regular breadcrumbs */

```

```
.breadcrumbs ul {  
list-style-type: none;  
margin: 0;  
padding: 2em;  
color: #333;  
}  
  
.breadcrumbs li {  
display: inline-block;  
position: relative;  
padding-right: 2em;  
margin: 0;  
}  
  
.breadcrumbs li:after {  
content: '>';  
position: absolute;  
display: inline-block;  
right: 0;  
width: 2em;  
text-align: center;  
}  
  
.breadcrumbs li:last-child {  
font-weight: bold;  
}  
  
.breadcrumbs li:last-child:after {  
content: " ";  
}  
  
.breadcrumbs a {  
text-decoration: none;  
display: inline-block;  
  
color: #333;  
white-space: nowrap;  
}  
  
.breadcrumbs a:hover {  
text-decoration: underline;  
}  
  
.breadcrumbs .collapsed li {  
overflow: hidden;  
}
```

```

.breadcrumbs .collapsed li:after {
    background: rgb(227,227,227);

    background: linear-gradient(90deg, rgb(227 227 227 / 0%) 0%, rgb(86 86 86) 35%);

    padding-left: 1em;
}

.breadcrumbs .collapsed a {
    max-width: 2em;

    transition: max-width 300ms ease-in-out;
}

.breadcrumbs .collapsed a:hover,
.breadcrumbs .collapsed a:focus,
.breadcrumbs .collapsed li:hover a {
    max-width: 1000px;
}

.breadcrumbs .collapsed li:hover:after {
    padding-left: 0em;

    background: transparent;
}
</style>

</head>

<body>
<div class="header">
<div class="header_left">
    <a href="mainheader.html"></a>
</div>
<div class="search">
    <form action="searchResults.jsp">
        <input type="search" name="search_btn" placeholder="Search song...">

        <i class="fa fa-search"></i>
    </form>
</div>
<div class="header_right">
<div class="inner" style="display: flex;">
    <div class="action">
        <div class="profile" onclick="menuToggle();">
            
        </div>
        <div class="menu">
            <h3> <b><%=Fname%> <%=lname%> </b> <br> <span> <%=getusername %> </span></h3>

```

```

        <ul>

            <li><a href="#">  My profile</a></li>

            <li><a href="update_profile.jsp">  Edit Profile</a></li>

            <li><a href="upload_song_form.jsp">  Upload Song</a></li>

            <li><a href="logout.jsp">  LogOut</a></li>

        </ul>

    </div>

</div>

</div>

</div>

```

<!-- *** ARTIST PROFILE ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%

    String getusername = "";
    String artist_name = "";
    String print_img = "";
    String Fname = "";
    String lname = "";
    int num_fowl = 0;
    int num_songs = 0;
    artist_name = request.getParameter("artist_name");
    if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
    if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}
    if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }
    try{
        JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+artist_name+"'");
        while(JOConnction.rs.next()){
            num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));

            num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));
            print_img = JOConnction.rs.getString("img");
            Fname = JOConnction.rs.getString("fname");
            lname = JOConnction.rs.getString("lname");

```



```

    }

    }catch (Exception ex){

        out.print("artist qur error...:" + ex);

    }

%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

<div class="main_right" >

    <div class="breadcrumbs">

        <ul class="collapsed">

            <li><a href="home.jsp">Home</a></li>

            <li><%=artist_name%></li>

        </ul>

    </div>

    <div class="upper_wreper">

        <div class="profile_upper">

            <div class="detail">

                <h2> <%=Fname%> <%=lname%> </h2>

                <h4>followers <span> <%=num_fowl %></span></h4>

                <h4>Songs <span> <%=num_songs%> </span></h4>

                <%

String artist_names_from_users = "";

String artist_names_comm = "";

artist_names_comm = ","+artist_name+",";

JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getusername+"' ");

while(JOConnction.rs.next()){

    artist_names_from_users = JOConnction.rs.getString("flw_artist");

}

if(artist_names_from_users.contains(artist_names_comm)){%>

    <form action="follow_artist.jsp?artist_name=<%=artist_name%>" method="POST">

        <input id="follow" type="submit" name="Unfollow" value="Unfollow" style="background: #FF8A65;">

    </form>

<%}

else{ %>

    <form action="follow_artist.jsp?artist_name=<%=artist_name%>" method="POST">

        <input id="follow" type="submit" name="follow" value="Follow">

    </form>

```

```

        <%}%>

    </div>

    <div class="about">

        <h4>About...</h4>

        <p> </p>

    </div>

</div>

<div class="profile_bottom">

    <h2> Resent Added </h2> <br>

    <h3 style="margin: 0 0 20px;"> Songs </h3> <br>

<div class="bottum">

    <%

        JOConnction.rs = JOConnction.st.executeQuery("select * from songs where artistname = '"+artist_name+"' ORDER BY song_id desc ");

        while(JOConnction.rs.next()){<%>

            <div class="S_list" style="display: flex; margin-bottom:20px">

                " alt="">

                <div class="detail">

                    <h2> <%=JOConnction.rs.getString("name")%> </h2>

                    <p>@<%=JOConnction.rs.getString("artistname")%></p>

                </div>

                <audio src="<%=JOConnction.rs.getString("song_file")%>" controls></audio>

                <iframe src='like.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 70px;position:
relative;top: 25px;' scrolling='no'></iframe> <!-- -->

                <iframe src='addtoPlist.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width:
190px;position: relative;top: 25px;' scrolling='no'></iframe> <!-- -->

                <!---->

            </div>

        <%}

    %>

</div>

</div>

</body>

</html>

<!-- ***** ARTIST REGISTRESION ***** -->

```

```

<jsp:include page="header.jsp" />

<center>

<div class="form">

    <h1> Sign Up here for Artist... </h1><br> <br>

    <form action="artist_register.jsp" method="POST">

        <label for="fname">First Name</label>

        <input type="text" name="fname" class="text" required value="<% if (session.getAttribute("fname") != null ) {
out.print(session.getAttribute("fname")); } %>"> <br>

        <label for="lname">Last Name</label>

        <input type="text" name="lname" class="text" required value="<% if (session.getAttribute("lname") != null ) {
out.print(session.getAttribute("lname")); } %>"> <br>

        <label for="username">Artist Name</label>

        <input type="text" name="username" class="text" required value="<% if (session.getAttribute("uname") != null ) {
out.print(session.getAttribute("uname")); } %>"> <br>

        <label for="pswd">Password</label>

        <input type="password" name="pswd" class="text" required value="<% if (session.getAttribute("pswd") != null ) {
out.print(session.getAttribute("pswd")); } %>"> <br>

        <label for="email">Email</label>

        <input type="email" name="email" class="text" required value="<% if (session.getAttribute("email") != null ) {
out.print(session.getAttribute("email")); } %>"> <br>

        <label for="DOB">Date of Birth</label>

        <input type="date" name="dob" id="dob" required value="<% if (session.getAttribute("dob") != null ) {
out.print(session.getAttribute("dob")); } %>"> <br>

        <label for="Gender">Gender</label>

        <input type="radio" name="gender" value="male" required> Male

        <input type="radio" name="gender" value="female" required> Female <Br>

        <input type="submit" value="signup" name="signup"><br>

        <% if(request.getParameter("signup") != null)
        {%>

            <%@page import="java.util.ArrayList"%>

            <%@page import="java.sql.*" %>

            <%@page import="DBConnect.JOConnction"%>

        <%

            String fname = request.getParameter("fname");

            session.setAttribute("fname", fname);

```

```

String lname = request.getParameter("lname");
session.setAttribute("lname", lname);

String uname = request.getParameter("username");
session.setAttribute("uname", uname);

String pswd = request.getParameter("pswd");
session.setAttribute("pswd", pswd);

String email = request.getParameter("email");
session.setAttribute("email", email);

String dob = request.getParameter("dob");
session.setAttribute("dob", dob);

String gender = request.getParameter("gender");

//      String pro_pic = "";

ArrayList error_array = new ArrayList();
int ans = 0;
try
{
    JOConnction.JConnect();
    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where email='"+email+"'");
    if (JOConnction.rs.next() ) {%>
        <Br><h4> <% out.print("Email already exist"); ans = 1; %> </h4> <%
    }

    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname='"+uname+"'");
    if (JOConnction.rs.next()) {%>
        <Br><h4> <% out.print("Artist name already exist"); ans = 1; %> </h4> <%
    }

    if(uname.length() < 4 || uname.length() > 20){%>
        <Br><h4> <% out.print("User Name Must be between 4 to 20 charectors"); ans = 1; %> </h4> <%
    }

    if(fname.length() < 4 || fname.length() > 25){ %>
        <Br><h4> <% out.print("First Name Must be between 4 to 25 charactors"); ans = 1; %> </h4> <%
    }

    if(lname.length() < 4 || lname.length() > 25){ %>
        <Br><h4> <% out.print("Last Name Must be between 4 to 25 charectors"); ans = 1; %> </h4> <%
    }

    if(pswd.length() < 4 || pswd.length() > 45){%>
        <Br><h4> <% out.print("Password Must be between 4 to 40 charectors"); ans = 1; %> </h4> <%
    }

    if(ans == 0){
        String pro_pic = "";
        if(gender.equals("male")){

```

```

        pro_pic = "assets/images/male.png";
    }

    if(gender.equals("female")){
        pro_pic = "assets/images/female.png";
    }

    try{
        JOConnction.st.executeUpdate("insert into artists(artistname, password, Fname, Lname, img, email, dob, gender)
values('"+uname+"', '"+pswd+"', '"+fname+"', '"+lname+"', '"+pro_pic+"', '"+email+"', '"+dob+"', '"+gender+"')");

        out.print("hello Daan");

        session.setAttribute("artistname", uname);

        response.sendRedirect("artist_home.jsp");

    }catch (Exception ex){

        out.print("error" + ex);

    }

}

}

catch(Exception ex)

{

    System.out.println("Error :- " + ex);

}

}

%>

</form>

</div>

</center>

<jsp:include page="footer.jsp" />

```

<!-- *** EXECUTE UPDATE ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%@page import="UserInfo.srting_to_array"%>
<%

String getusername = "";

String artist_name = "";

String print_img = "";

String Fname = "";

String lname = "";

```

```

String email = "";

String dob = "" ;

int num_fowl = 0;

int num_songs = 0;

if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}

if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Update User details </title>

<style>

.block {

    height: 90vh;

    width: 97%;

    /* background: aqua; */

    padding: 20px;

    display: grid;

    color: white;

    place-content: center;

}

.block_wr {

    background: #673ab7;

    height: 200px;

    width: 400px;

    display: grid;

    place-content: center;

    line-height: 40px;

    border: none;

    box-shadow: 10px 20px 30px #311b92;

    border-radius: 20px;

}

input[type="password"] {

    height: 25px;

    padding: 5px;

```

```

        border: none;

        border-radius: 5px;
    }

    input.btns {

        height: 35px;


        border: none;

        border-radius: 5px;

        background: cornflowerblue;

        color: white;
    }


    input.btns:hover {

        background: #2b73f3;
    }
</style>
</head>
<body>
<%
    try{
        String get_fname = "";

        String getUsername = "";

        get_fname = request.getParameter("firs_tname");

        if(request.getParameter("fname_btn") != null){

            if(session.getAttribute("artistname") != null){

                getUsername = session.getAttribute("artistname").toString();

                JOConnction.st.executeLargeUpdate("update artists set fname= '"+get_fname+"' where artistname = '"+getUsername+"' "); %>

                <script>

                    alert("First name is updated to <%=get_fname%>");

                    window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';

                </script>

            <%}

            if(session.getAttribute("username") != null){

                getUsername = session.getAttribute("username").toString();

                JOConnction.st.executeLargeUpdate("update users set fname=

 '"+get_fname+"' where username = '"+getUsername+"' "); %>

                <script>

                    alert("First name is updated to <%=get_fname%>");

                    window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';

                </script>

```

```

        <%}

    }

} catch (Exception ex){
    out.print("artist qur error...." + ex);
}
%>

<%
try{
    String get_lname = "";
    String getUserName = "";
    get_lname = request.getParameter("lname");
    if(request.getParameter("lname_btn") != null){
        if(session.getAttribute("artistname") != null){
            getUserName = session.getAttribute("artistname").toString();
            JOConnction.st.executeLargeUpdate("update artists set lname= '"+get_lname+"' where artistname = '"+getUserName+"' "); %>

            <script>
                alert("Last name is updated to <%=get_lname%>");
                window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';
            </script>

            <%}

            if(session.getAttribute("username") != null){

                getUserName = session.getAttribute("username").toString();
                JOConnction.st.executeLargeUpdate("update users set lname= '"+get_lname+"' where username = '"+getUserName+"' "); %>

                <script>
                    alert("Last name is updated to <%=get_lname%>");
                    window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';
                </script>

                <%}

            }

        } catch (Exception ex){
            out.print("artist qur error...." + ex);
        }
    }
%>

<%
try{
    String get_email = "";

```



```

String getUserName = "";

get_email = request.getParameter("email");

if(request.getParameter("email_btn") != null){

    if(session.getAttribute("artistname") != null){

        getUserName = session.getAttribute("artistname").toString();

        JOConnction.st.executeLargeUpdate("update artists set email= '"+get_email+"' where artistname = '"+getUserName+"' "); %>

<script>

    alert("Email address is updated to <%=get_email%>");

    window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';

</script>

<%}

if(session.getAttribute("username") != null){

    getUserName = session.getAttribute("username").toString();

    JOConnction.st.executeLargeUpdate("update users set email= '"+get_email+"' where username = '"+getUserName+"' "); %>

<script>

    alert("Email address is updated to <%=get_email%>");

    window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';

</script>

<%}

}

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<%

try{

    String get_dob = "";

    String getUserName = "";

    get_dob = request.getParameter("dob");

    if(request.getParameter("dob_btn") != null){

        if(session.getAttribute("artistname") != null){

            getUserName = session.getAttribute("artistname").toString();

            JOConnction.st.executeLargeUpdate("update artists set dob= '"+get_dob+"' where artistname = '"+getUserName+"' "); %>

<script>

            alert("Date of Birth is updated to <%=get_dob%>");

            window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';

</script>

```



```

<div class="block">

    <div class="block_wr">

        <form action="execude_update.jsp?set_pswd=<%=getPSWD1%>" method="POST">

            <label for="oldpswd"> Enter Your old Password to set new password </label> <br>

            <input type="password" name="oldpswd" placeholder="Enter Old Password....">

            <input type="submit" name="oldpswd_btn" class="btns" value="Change Password">

        </form>

    </div>

</div>

<%>

else{ %>

<script>

    alert("Password Does not Metch...");

    window.location.href = 'http://localhost:8084/MusicSpot/update_profile.jsp';

</script>

<%>

}

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

</body>

</html>

```

<!-- ***** FAVORITE SOGS ***** -->

```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConncction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%@page import="UserInfo.srting_to_array"%>

<%

    String getusername = "";

    String songs = "";

    String[] song_ary = {};

    if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

    if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}

```

```

        if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

try{

    Statement st = JOConnction.conn.createStatement();

    ResultSet rs = st.executeQuery("select * from favorites where user_name = '"+getusername+"'");

    while(rs.next()){

        songs = rs.getString("song_name");

        song_ary = srting_to_array.convertSTRtoARY(songs);

    }

}catch (Exception ex){

    out.print("playlist qur error...." + ex);

}

%>

```

```

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

```

```

<div class="main_right" style="color: #FF8A65;">

```

```

    <div class="breadcrumbs">

```

```

        <ul class="collapsed">

```

```

            <li><a href="artist_home.jsp">Home</a></li>

```

```

            <li> Favorite Songs</li>

```

```

        </ul>

```

```

    </div>

```

```

<div class="bottum">

```

```

    <%

```

```

        int i = 0;

```

```

        String song_name = "";

```

```

        try{

```

```

            for(i=0;i<song_ary.length;i++)

```

```

            {

```

```

                song_name = song_ary[i];

```

```

                JOConnction.rs = JOConnction.st.executeQuery("select * from songs where name = '"+song_name+"'");

```

```

                while(JOConnction.rs.next()){%>

```

```

                <div class="S_list" style="display: flex; margin-bottom:20px">

```

```

                    " alt="">

```

```

                    <div class="detail">

```

```

                        <h2> <%=JOConnction.rs.getString("name")%> </h2>

```

```

                        <p>@<%=getusername%></p>

```

```

                    </div>

```

```

                    <audio src="<%=JOConnction.rs.getString("song_file")%>" controls></audio>

```

```
<iframe src='like.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width: 70px;position:
relative;top: 25px;' scrolling='no'></iframe> <!-- -->
```

```
<iframe src='adddToPlist.jsp?song_id=<%=JOConnction.rs.getString("song_id")%>' style='border: 0px;height: 30px;width:
190px;position: relative;top: 25px;' scrolling='no'></iframe> <!-- -->
```

```
</div>
```

```
<%=
```

```
}
```

```
}catch (Exception ex){
```

```
out.print("song print ...:" + ex);
```

```
}
```

```
%>
```

```
</div>
```

```
</div>
```

```
</div>
```

<!-- *** FOLLOW ARTIST PAGE ***** -->**

```
<%@page import="java.sql.ResultSet"%>
```

```
<%@page import="DBConnect.JOConnction"%>
```

```
<%@page import="java.sql.*"%>
```

```
<%@page import="UserInfo.user"%>
```

```
<%@page import="UserInfo.srting_to_array"%>
```

```
<%
```

```
String getusername = "";
```

```
String artist_name = "";
```

```
String print_img = "";
```

```
String Fname = "";
```

```
String lname = "";
```

```
int num_fowl = 0;
```

```
int num_songs = 0;
```

```
if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
```

```
if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}
```

```
if(session.getAttribute("username") == null && session.getAttribute("artistname") ==
```

```
null){ response.sendRedirect("signin.jsp"); }
```

```
try{
```

```
JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+artist_name+"'");
```

```
while(JOConnction.rs.next()){
```

```
num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));
```

```
num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));
```

```
print_img = JOConnction.rs.getString("img");
```

```

        Fname = JOConnction.rs.getString("fname");
        lname = JOConnction.rs.getString("lname");
    }

} catch (Exception ex){
    out.print("artist qur error...." + ex);
}
%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>
<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

<div class="main_right" style="color: #FF8A65;">
    <div class="breadcrumbs">
        <ul class="collapsed">
            <li><% if(session.getAttribute("artistname") != null){ %> <a href="artist_home.jsp">Home</a></li> <%}%>
            <% if(session.getAttribute("username") != null){ %> <a href="home.jsp">Home</a></li> <%}%>
            <li> Artists you Follow </li>
        </ul>
    </div>

    <div class="line-3">
        <%
        try{
            String[] artist_ary = {};
            int i = 0;
            String artists = "";
            String one_artist = "";
            JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getusername+"' ");
            while(JOConnction.rs.next()){
                artists = JOConnction.rs.getString("flw_artist");
            }
            artist_ary = srting_to_array.convertSTRtoARY(artists);
            for(i=0;i<artist_ary.length;i++)
            {
                one_artist = artist_ary[i];
                JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+one_artist+"'");
                while(JOConnction.rs.next()){ %>
                    <div class="container-3">
                        <div class="werper">
                            <a href="artist_profile.jsp?artist_name=<%=JOConnction.rs.getString("artistname")%>">" alt=""></a>

```

```

        <h4><%=JOConnction.rs.getString("fname")%> <%=JOConnction.rs.getString("lname")%></h4>

    </div>

</div>

<%}%>

<% }

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}%>

</div>

</div>

</body>

</html>

```

<!-- *** FOLLOW ARTIST ***** -->**

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%

String getusername = "";
String artist_name = "";
String print_img = "";
String FName = "";
String lname = "";
int num_fowl = 0;
int num_songs = 0;
artist_name = request.getParameter("artist_name");
if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}
if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }
try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where

artistname = '"+artist_name+"'");

    while(JOConnction.rs.next()){

        num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));

        num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));

```



```

        print_img = JOConnction.rs.getString("img");

        Fname = JOConnction.rs.getString("fname");

        lname = JOConnction.rs.getString("lname");

    }

} catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

        <title>JSP Page</title>

    </head>

    <body>

        <%

            try{

                if(request.getParameter("follow") != null){

                    String get_artist_name = request.getParameter("artist_name");

                    num_fowl++;

                    JOConnction.st.executeUpdate("update artists set followers = CONCAT(followers, '"+getusername+"',), num_followers = '"+num_fowl+"'"
                    where artistname = '"+artist_name+"' ");

                    JOConnction.st.executeUpdate("update users set flw_artist =

CONCAT(flw_artist, '"+artist_name+"',) where username = '"+getusername+"' "); %>

                    <script>

                        alert("You Started Following '<%=Fname%> <%=lname%>'...");

                        window.location.href = 'http://localhost:8084/MusicSpot/artist_profile.jsp?artist_name=<%=artist_name%>';

                    </script>

                <%}

            } catch (Exception ex){

                out.print("artist follw error...." + ex);

            }

        %>

        <%

            try{

                String get_flws_name_from_artistT = "";

                String get_artist_name_from_userT = "";

```

```

String remove_flw_name_from_artist = "";
String remove_artist_name_from_user = "";
String username_comm = "";
String artistName_comm = "";
if(request.getParameter("Unfollow") != null){
    String get_artist_name = request.getParameter("artist_name");
    num_fowl--;
    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+artist_name+"' ");
    while(JOConnction.rs.next()){
        get_flws_name_from_artistT = JOConnction.rs.getString("followers");
    }
    username_comm = ","+getusername+",";
    remove_flw_name_from_artist = get_flws_name_from_artistT.replace(username_comm, "");
    JOConnction.st.executeUpdate("update artists set followers = '"+remove_flw_name_from_artist+"', num_followers = '"+num_fowl+"'
where artistname = '"+artist_name+"' ");

    JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getusername+"' ");
    while(JOConnction.rs.next()){
        get_artist_name_from_userT = JOConnction.rs.getString("flw_artist");
    }
    artistName_comm = ","+artist_name+",";
    remove_artist_name_from_user = get_artist_name_from_userT.replace(artistName_comm, "");
    JOConnction.st.executeUpdate("update users set flw_artist = '"+remove_artist_name_from_user+"' where username =
 '"+getusername+"' "); %>

<script>
    alert("You just Unfollowed '<%=Fname%> <%=Iname%>'...");
    window.location.href = 'http://localhost:8084/MusicSpot/artist_profile.jsp?artist_name=<%=artist_name%>';
</script>

<% }
}catch (Exception ex){
    out.print("artist Unfollow error...." + ex);
}

%>

</body>
</html>

```

<!-- *** FOOTER ***** -->**

```

<footer>
    <div class="footer">

```

```

<div class="footer_pages">

    <span style="padding-left: 60px;"> All right reserved 2020 by MusicSpot </span><br>

    <span> <a href="index.jsp">privesy policy</a> |

    <a href="signin.jsp">About us</a> |

    <a href="#">Contact us</a> |

    <a href="#">Developer</a> |

    <a href="admin/login.jsp"> Admin </a> </span>

</div>

</div>

</footer>

</body>

</html>

```

<!-- ***** HEADER (ADMIN) ***** -->

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%

String getusername = "";
String print_img = "";
String Fname = "";
String lname = "";
int num_fowl = 0;
int num_songs = 0;

if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

else{ response.sendRedirect("login.jsp"); }

try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from admin where admin_username = '"+getusername+"'");

    while(JOConnction.rs.next()){

        print_img = JOConnction.rs.getString("img");
        Fname = JOConnction.rs.getString("fname");
        lname = JOConnction.rs.getString("lname");

    }

}

} catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

```

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="../assets/fontawesome-free-5.15.1-web/css/all.css" type="text/css"/>

  <link rel="stylesheet" href="../assets/css/footer_style.css">

  <link rel="stylesheet" href="../assets/css/style.css" type="text/css"/>

  <link rel="shortcut icon" href="../assets/images/logo.png" type="image/x-icon">

  <title>MusicSpot</title>

  <style>

    .breadcrumbs {

      font-family: Helvetica, Arial, sans-serif;

      margin: 0;

      padding: 1em;

      background-color: rgba(227, 227, 227, 0);

    }

    /* Regular breadcrumbs */

    .breadcrumbs ul {

      list-style-type: none;

      margin: 0;

      padding: 2em;

      color: #333;

    }

    .breadcrumbs li {

      display: inline-block;

      position: relative;

      padding-right: 2em;

      margin: 0;

    }

    .breadcrumbs li:after {

      content: '>';

      position: absolute;

      display: inline-block;

      right: 0;

      width: 2em;

      text-align: center;

```

```

}

.breadcrumbs li:last-child {
font-weight: bold;
}

.breadcrumbs li:last-child:after {
    content: ";
}

.breadcrumbs a {
text-decoration: none;
display: inline-block;
color: #333;
white-space: nowrap;
}

.breadcrumbs a:hover {
    text-decoration: underline;
}

/* Collapsed breadcrumbs */

.breadcrumbs .collapsed li {
overflow: hidden;
}

.breadcrumbs .collapsed li:after {
    background: rgb(227,227,227);
    background: linear-gradient(90deg, rgb(227 227 227 / 0%) 0%, rgb(86 86 86) 35%);
    padding-left: 1em;
}

.breadcrumbs .collapsed a {
max-width: 2em;
transition: max-width 300ms ease-in-out;
}

.breadcrumbs .collapsed a:hover,
.breadcrumbs .collapsed a:focus,
.breadcrumbs .collapsed li:hover a {
    max-width: 1000px;
}

.breadcrumbs .collapsed li:hover:after {
    padding-left: 0em;
}

```

```

        background: transparent;

    }

</style>

</head>

<body>

    <div class="header">

        <div class="header_left">

            <a href="../mainheader.html"></a>

        </div>

        <div class="right_portion" style="width: 70%; color: white;">

            <span style="float: right;margin: 5px 0;background: tomato;padding: 5px 10px;border: none;border-radius: 3px;"> <a href="../logout.jsp">
Logout </a> </span>

        </div>

    </div>

```

<!-- *** HEADER ***** -->**

```

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Welcome To MusicSpot</title>

    <link rel="stylesheet" href="assets/css/header_style.css">

    <link rel="stylesheet" href="assets/css/footer_style.css">

    <link rel="shortcut icon" href="assets/images/logo.png" type="image/x-icon">

    <link href="assets/css/signin_style.css" rel="stylesheet" type="text/css"/>

</head>

<body>

    <header>

        <div class="logo" style="float: left;">

        </div>

        <div class="pages">

            <a href="index.jsp">Home</a> |

            <a href="signin.jsp">Sign In</a> |

            <a href="register.jsp">Sign Up</a> |

            <a href="#">About US</a> |

            <a href="#">feedback</a>

        </div>

```

```
</div>

</header>
```

<!-- *** LOGOUT ***** -->**

```
<%@page import="javafx.scene.control.Alert"%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>LogOut</title>

</head>

<body>

<%

    session.removeAttribute("username");

    session.removeAttribute("password");

    session.invalidate();

    response.sendRedirect("signin.jsp");

%>

</body>

</html>
```

<!-- *** LEFT MENUBAAR (ARTIST) ***** -->**

```
<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    String print_img = "";

    String FName = "";

    String lname = "";

    int num_fowl = 0;

    int num_songs = 0;

    // if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

    if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}

    else{ response.sendRedirect("signin.jsp"); }

    try{

        JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusername+"'");
```

```

while(JOConnction.rs.next()){

    print_img = JOConnction.rs.getString("img");

    Fname = JOConnction.rs.getString("fname");

    lname = JOConnction.rs.getString("lname");

}

}catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="artist_mainHeader.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="mainHeader.jsp" /> <%}%>

<div class="main_part">

<div class="main_left">

<div class="user_ing">



<h3> <b><%=Fname%> <%=lname%> </b> <br> <span>@<%=getusername%></span></h3>

</div>

<% if(session.getAttribute("artistname") != null){ %>

<div class="upload_action">

<a href="upload_song_form.jsp"> Upload Song </a>

</div>

<% } %>

<div class="playlists">

<a href="createPlayList.jsp"> <h4 style=" margin-bottom: 20px;"> Add playlist

</h4> </a>

<a href="palylist_page.jsp" ><h4 style=" margin-bottom: 20px;"> Play lists </h4></a>

<a href="favorites_page.jsp" ><h4 style=" margin-bottom: 20px;"> Favorites </h4> </a>

<a href="flw_artists_page.jsp" ><h4 style=" margin-bottom: 20px;"> Artists you Follow </h4> </a>

</div>

</div>

<!-- ***** MAIN HEDER (USER) ***** -->

```



```

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

String getusername = "";

String print_img = "";

String Fname = "";

String lname = "";

int num_fowl = 0;

int num_songs = 0;

if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}

else{ response.sendRedirect("signin.jsp"); }

try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from users where username = '"+getusername+"'");

    while(JOConnction.rs.next()){

        print_img = JOConnction.rs.getString("img");

        Fname = JOConnction.rs.getString("fname");

        lname = JOConnction.rs.getString("lname");

    }

}

} catch (Exception ex){

    out.print("artist qur error...." + ex);

}

%>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="assets/fontawesome-free-5.15.1-web/css/all.css" type="text/css"/>

    <link rel="stylesheet" href="assets/css/footer_style.css">

    <link rel="stylesheet" href="assets/css/style.css" type="text/css"/>

    <link rel="shortcut icon" href="assets/images/logo.png" type="image/x-icon">

    <title>MusicSpot</title>

    <script>

        function menuToggle(){

            const toggleMenu = document.querySelector('.menu');

            toggleMenu.classList.toggle('active')

        }

    </script>

```

```
</script>
```

```
<style>
```

```
.breadcrumbs {
```

```
    font-family: Helvetica, Arial, sans-serif;
```

```
    margin: 0;
```

```
    padding: 1em;
```

```
    background-color: rgba(227, 227, 227, 0);
```

```
}
```

```
/* Regular breadcrumbs */
```

```
.breadcrumbs ul {
```

```
    list-style-type: none;
```

```
    margin: 0;
```

```
    padding: 2em;
```

```
    color: #333;
```

```
}
```

```
.breadcrumbs li {
```

```
    display: inline-block;
```

```
    position: relative;
```

```
    padding-right: 2em;
```

```
    margin: 0;
```

```
}
```

```
.breadcrumbs li:after {
```

```
    content: '>';
```

```
    position: absolute;
```

```
    display: inline-block;
```

```
    right: 0;
```

```
    width: 2em;
```

```
    text-align: center;
```

```
}
```

```
.breadcrumbs li:last-child {
```

```
    font-weight: bold;
```

```
}
```

```
.breadcrumbs li:last-child:after {
```

```
    content: '';
```

```
}
```

```
.breadcrumbs a {
```

```
    text-decoration: none;
```

```
    display: inline-block;
```

```

        color: #333;

        white-space: nowrap;

    }

    .breadcrumbs a:hover {

        text-decoration: underline;

    }

    .breadcrumbs .collapsed li {

        overflow: hidden;

    }

    .breadcrumbs .collapsed li:after {

        background: rgb(227,227,227);

        background: linear-gradient(90deg, rgb(227 227 227 / 0%) 0%, rgb(86 86 86) 35%);

        padding-left: 1em;

    }

    .breadcrumbs .collapsed a {

        max-width: 2em;

        transition: max-width 300ms ease-in-out;

    }


    .breadcrumbs .collapsed a:hover,

    .breadcrumbs .collapsed a:focus,

    .breadcrumbs .collapsed li:hover a {

        max-width: 1000px;

    }

    .breadcrumbs .collapsed li:hover:after {

        padding-left: 0em;

        background: transparent;

    }

</style>

</head>

<body>

<div class="header">

<div class="header_left">

    <a href="mainheader.html"></a>

</div>

<div class="search">

<form action="searchResults.jsp">

    <input type="search" name="search_btn" placeholder="Search song...">

    <i class="fa fa-search"></i>

</form>

```

```

</div>

<div class="header_right">

    <div class="inner" style="display: flex;">

        <div class="action">

            <div class="profile" onclick="menuToggle();">

            </div>

            <div class="menu">

                <h3> <b><%=Fname%> <%=Iname%> </b> <br> <span> <%=getusername %> </span></h3>

                <ul>

                    <li><a href="#">  My profile</a></li>

                    <li><a href="update_profile.jsp">  Edit Profile</a></li>

                    <li><a href="artist_register.jsp">  Became artist</a></li>

                    <li><a href="logout.jsp"> 

LogOut</a></li>

                </ul>

            </div>

        </div>

    </div>

</div>

</div>

</div>

```

<!-- ***** PLAYLIST PAGE ***** -->

```

<%@page import="java.sql.ResultSet"%>
<%@page import="DBConnect.JOConnction"%>
<%@page import="java.sql.*"%>
<%@page import="UserInfo.user"%>
<%

String getusername = "";
int num_fowl = 0;
int num_songs = 0;

if(session.getAttribute("username") != null){ getusername = session.getAttribute("username").toString();}
if(session.getAttribute("artistname") != null){ getusername = session.getAttribute("artistname").toString();}
if(session.getAttribute("username") == null && session.getAttribute("artistname") == null){ response.sendRedirect("signin.jsp"); }

try{

    JOConnction.rs = JOConnction.st.executeQuery("select * from artists where artistname = '"+getusername+"'");

    while(JOConnction.rs.next()){

        num_fowl = Integer.parseInt(JOConnction.rs.getString("num_followers"));

```

```

        num_songs = Integer.parseInt(JOConnction.rs.getString("num_songs"));
    }

}

} catch (Exception ex){
    out.print("artist qur error..." + ex);
}

%>

<% if(session.getAttribute("artistname") != null){ %> <jsp:include page="main_left.jsp" /> <%}%>

<% if(session.getAttribute("username") != null){ %> <jsp:include page="user_main_left.jsp" /> <%}%>

<div class="main_right" style="color: #FF8A65;">

<div class="page_main" style="height: 100vh">
    <div class="wreper">
        <div class="items" style="display: flex; flex-wrap: wrap; justify-content: flex-start; margin: 0 0 20px">
            <%
                try{
                    JOConnction.rs = JOConnction.st.executeQuery("select * from Playlists where user_name = '"+getusername+"'");
                    while(JOConnction.rs.next()){ %>
                        <div class="container-2" style="width: 180px; height: 205px;">

                            <div class="werper">
                                <a href="playlist.jsp?getPlistname=<%=JOConnction.rs.getString("name")%>">" alt="">

                                    <h4> <%=JOConnction.rs.getString("name")%> </h4></a>

                                </div>
                            </div>
                        <%}
                    } catch (Exception ex){
                        out.print("play list..." + ex);
                    }
                }
            %>
        </div>
    </div>

<!-- ***** PLAY LIST (ADMIN) ***** -->

<%@page import="java.sql.ResultSet"%>

<%@page import="DBConnect.JOConnction"%>

```

```

<%@page import="java.sql.*"%>

<%@page import="UserInfo.user"%>

<%

    String getusername = "";

    if(session.getAttribute("admin") != null){ getusername = session.getAttribute("admin").toString();}

    else{ response.sendRedirect("login.jsp"); }

%>

<jsp:include page="left.jsp" />

<style>

input[type="submit"] {

    background: tomato;

    margin: 25px 10px;

    padding: 3px 10px;

    border: none;

    color: white;

    border-radius: 3px;

}

.search_user {

    height: 80px;

    width: 100%;

}

.form1 {

    height: 100%;

    width: 100%;

    display: flex;

    align-items: center;

    justify-content: center;

}

input[type="search"] {

    height: 35px;

    width: 60%;

    padding: 5px;

    border: none;

    border-radius: 5px;

}

.bottum .S_list {

    display: flex;

```

```

width: 100%;

position: relative;

align-content: center;

margin: 0 0 20px 0;

justify-content: center;

}

</style>

<div class="main_right">

  <div class="werper">

    <div class="search_user">

      <form action="" class="form1" method="POST">

        <input type="search" name="search" placeholder="Search User...">

        <input type="submit" name="search_btn" value="Search" style="background: blueviolet; height: 35px;">

      </form>

    </div>

    <div class="bottum">

      <%

        JOConnction.rs = JOConnction.st.executeQuery("select * from playlists ORDER BY plist_id desc ");

        while(JOConnction.rs.next()){>%>

          <div class="S_list" style="display: flex; margin-bottom:20px">

            " alt="">

            <div class="detail">

              <h2> <%=JOConnction.rs.getString("name")%> </h2>

              <h5> @<%=JOConnction.rs.getString("user_name")%> </h5>

            </div>

            <form action="delete.jsp?pl_name=<%=JOConnction.rs.getString("name")%>" method="POST">

              <input type="submit" name="delete_btn" value="Delete Playlist" >

            </form>

            <form action="edit.jsp?pl_name=<%=JOConnction.rs.getString("name")%>" method="POST">

              <input type="submit" name="edit_btn_plist" value="Edit Playlist" style="background: blueviolet;">

            </form>

          </div>

        <%>

      <%>

    </div>

  </div>

</body>

</html>

```

Bibliography

During the project we were getting help to our college faculties and we also referred few books and get help on search engines. The following books I refer to this project. The bibliography contains reference to all the documents that were used to develop the webapplication.

Books:

- ✓ JavaEEglashfish 3 application server
- ✓ J2EE Complete Reference
- ✓ SQL for MYSQL Developers

Websites:

www.w3schools.com

www.stackoverflow.com

Conclusion

It was a grate learning experience for us. This project is very helpful in our life. After this project also we are very impress from Back-end Front-end used in website. This is useful for any one how wants to create a Social Media website.

We are really thankful to our faculties and assistance first for giving us chance to make a website and having a faith and supporting to us during whole website, without we are not able to make our website successfully.

We here by conclude this report, which gives information regarding the development and use of the application with an overview of different aspect us of it. Thus, at end of this we all would like to status this as fun with persistence and dedication.