



# RHYTHM

A MUSIC MANAGEMENT PROJECT

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# INTRODUCTION

WELCOME TO THE MUSIC MANGEMENT WEBSITE,  
**RHYTHM**

In Rhythm you can find your songs according to your favorite genre, language, and artist.

## ABSTRACT:

The aim of this project is the development of a centralized relational Music website.

This website provides users to make accounts and utilize the software to access Music and songs. This will be achieved by implementation of Database management and using a GUI interface for the complete software.



# PROBLEM/ USE

**New or first time user need to register in this website.**

**1**

**2 User need to login with proper credential like username and password.**

**User have the choice to choose songs according to genre, language and artist.**

**3**

**4 After selecting preferences user can view songs of their preferences.**



# MODULES

The whole website has three parts front-end , back-end and database.

- In front end we used **HTML** for structure and **CSS** for styling.
- In backend we used **PHP** language.
- For connecting the two interface we use **XAMPP** server.
- We have used **SQL DATABASE** for storing the data.



# OVERVIEW

## FRONT END

### 1. REGISTER PAGE

- Name
- Username
- Email-ID
- Password

### 2. LOGIN PAGE

- Username
- Password

### 3. MAIN PAGE

- Song
- Artist
- Language
- Genre

### 4. SONG

- Song Name
- Artist Name
- Language
- Genre

### 5. ARTIST

- Picture
- View
- Song by Artist

### 6. LANGUAGE

- Options for 5 Languages

### 7. GENRE

- Options for 6 Genres

localhost/Rhythm/REGISTER.php

RHYTHM

Whats your name?

Enter your Username

Enter your Email

Password

REGISTER    LOGIN

## REGISTER PAGE

localhost/Rhythm/LOGIN.php

RHYTHM

Enter your Username

Password

LOGIN

## LOGIN PAGE

localhost/Rhythm/MAINPAGE.php

RHYTHM

SONGS

ARTISTS

LANGUAGE

GENRE

## MAIN PAGE



A screenshot of a web browser window titled "RHYTHM". The page displays a title "RHYTHM" with a musical note icon above it. Below the title, the word "SONGS" is centered. Three cards are displayed, each containing a musical note icon and song details:

- Song Name : Blank Space  
Artist Name : Taylor Swift  
Language : English  
Genre : Pop
- Song Name : Breathe  
Artist Name : Taylor Swift  
Language : English  
Genre : Lo-fi
- Song Name : Love Story  
Artist Name : Taylor Swift  
Language : English  
Genre : Lo-fi

## SONG PAGE

A screenshot of a web browser window titled "RHYTHM". The page displays a title "RHYTHM" with a musical note icon above it. Below the title, the word "SONGS" is centered. Three cards are displayed, each containing a musical note icon and song details:

- Butter  
BTS  
Korean  
Pop
- Dynamite  
BTS  
Korean  
Pop
- The Truth Untold  
BTS  
Korean  
Soul

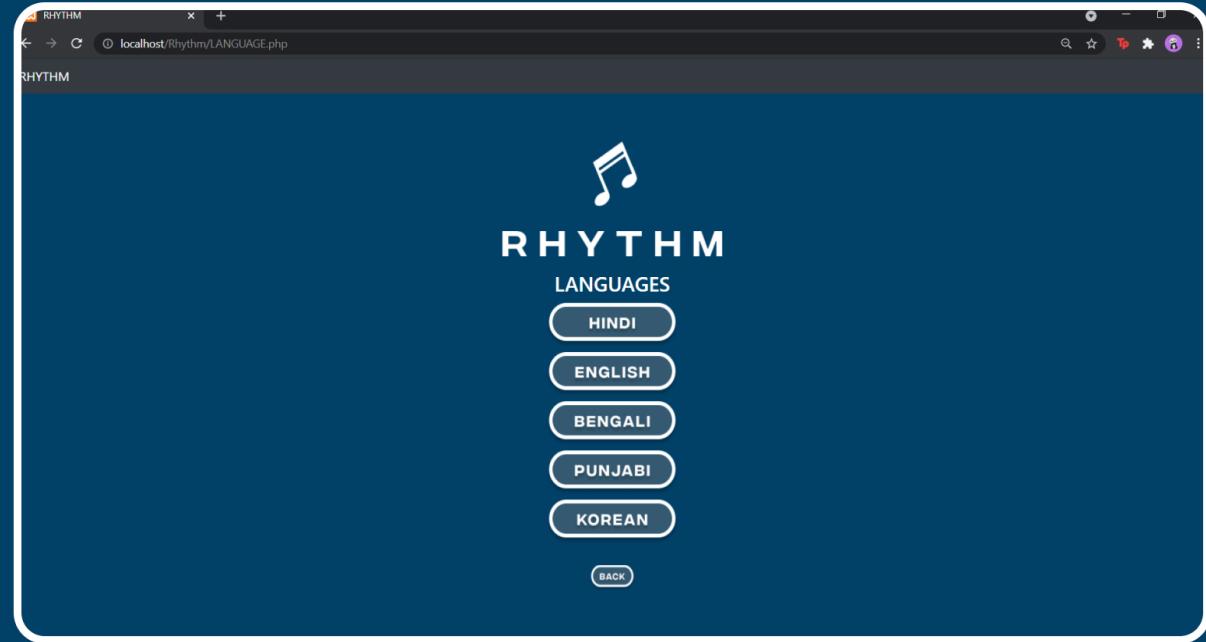
## SELECTED ARTIST PAGE

## ARTIST PAGE

A screenshot of a web browser window titled "RHYTHM". The page displays a title "RHYTHM" with a musical note icon above it. Below the title, the word "ARTIST" is centered. Three cards are displayed, each containing a thumbnail image of an artist and their name:

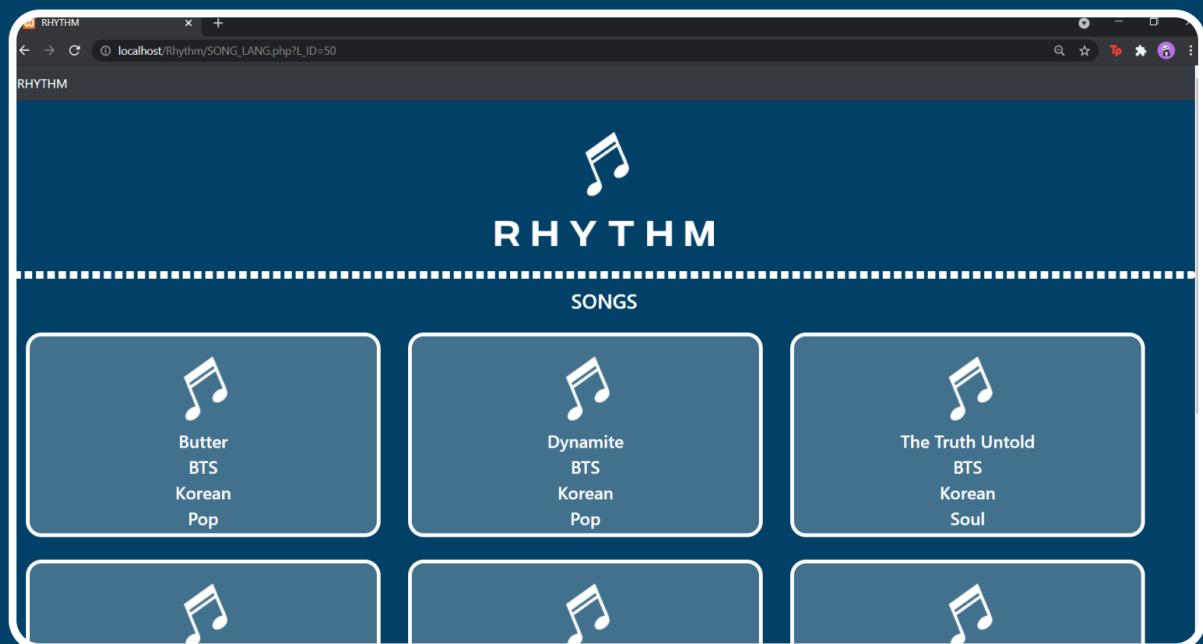
- Taylor Swift
- Imagine Dragons
- Cold Play

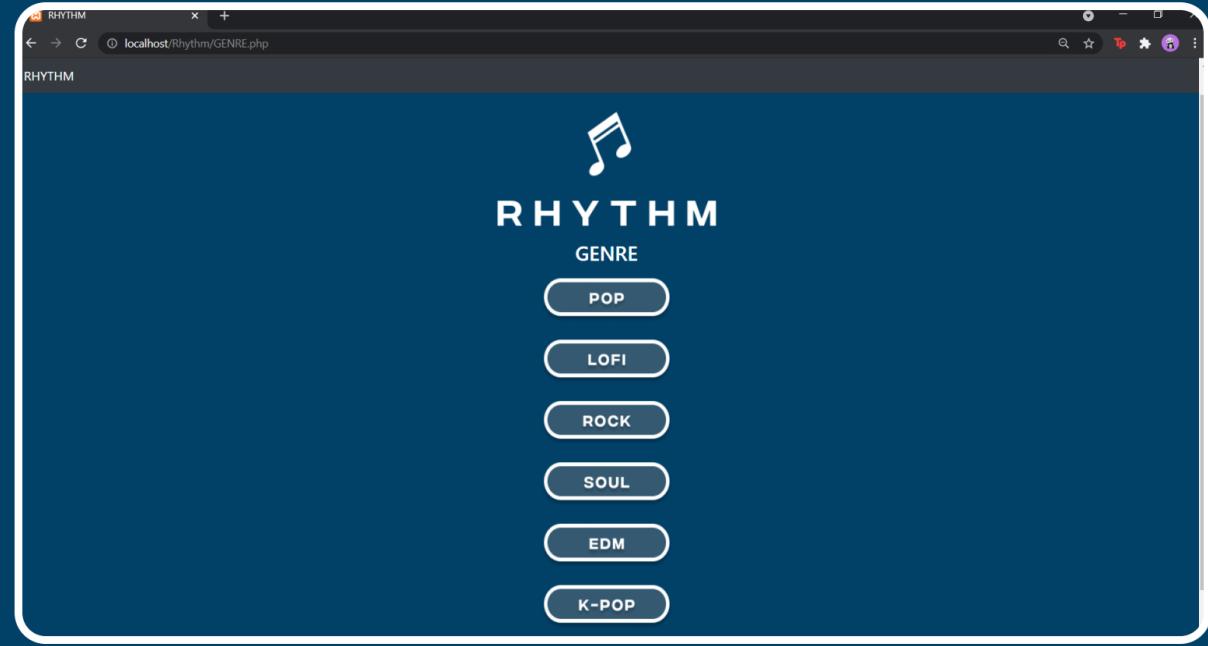




## LANGUAGE PAGE

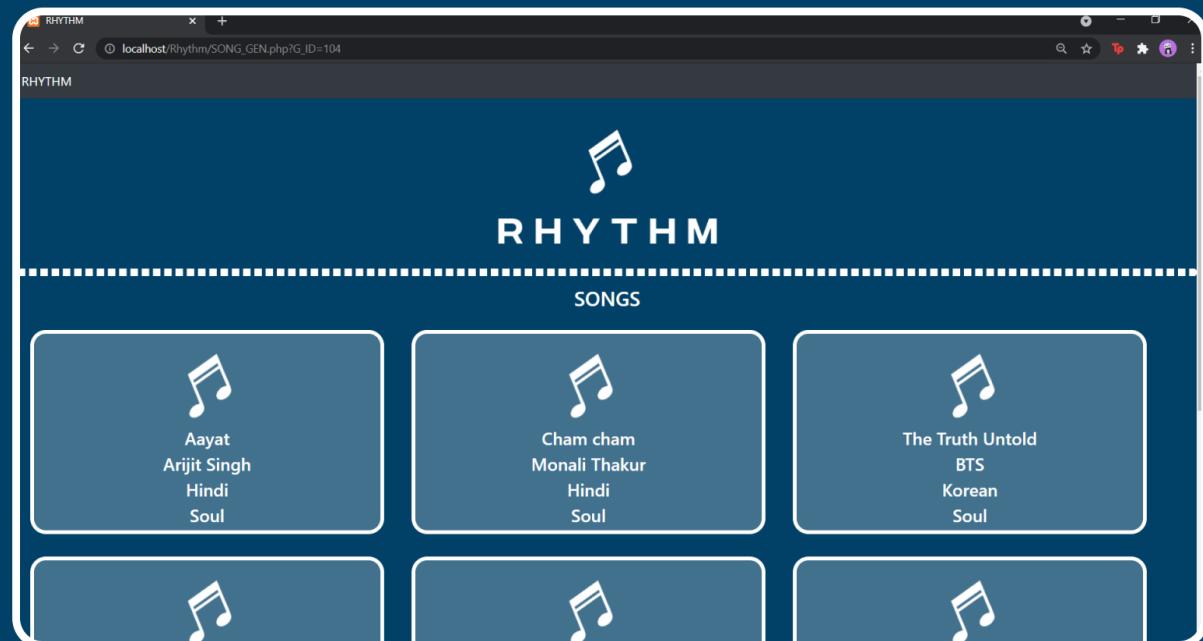
## SELECTED LANGUAGE PAGE





## GENRE PAGE

## SELECTED GENRE PAGE





# OVERVIEW

## BACK END

```
Run SQL query/queries on table vibrato.account: ⓘ  
1 CREATE TABLE ACCOUNT  
2 ( NAME      varchar(70),  
3   USER_NAME  varchar(70),  
4   EMAIL      varchar(40),  
5   U_PASSWORD varchar(30)  
6 );  
7  
8 ALTER TABLE ACCOUNT ADD U_ID int NOT NULL AUTO_INCREMENT PRIMARY KEY first;
```

A snippet into how data was inserted

```
INSERT INTO songs VALUES(1,'Blank Space',1,'Taylor Swift',20,'English',101,'Pop');  
INSERT INTO songs VALUES(2,'Breathe',1,'Taylor Swift',20,'English',102,'Lo-fi');  
INSERT INTO songs VALUES(3,'Love Story',1,'Taylor Swift',20,'English',102,'Lo-fi');  
INSERT INTO songs VALUES(4,'Radioactive',2,'Imagine Dragons',20,'English',103,'Rock');  
INSERT INTO songs VALUES(5,'Believer',2,'Imagine Dragons',20,'English',103,'Rock');  
INSERT INTO songs VALUES(6,'Thunder',2,'Imagine Dragons',20,'English',101,'Pop');  
INSERT INTO songs VALUES(7,'Paradise',3,'Coldplay',20,'English',101,'Pop');  
INSERT INTO songs VALUES(8,'Hymn for the Weekend',3,'Coldplay',20,'English',101,'Pop');  
INSERT INTO songs VALUES(9,'Magic',3,'Coldplay',20,'English',101,'Pop');  
INSERT INTO songs VALUES(10,'Enna sona',4,'Arijit Singh',10,'Hindi',102,'Lofi');  
INSERT INTO songs VALUES(11,'Aayat',4,'Arijit Singh',10,'Hindi',104,'Soul');  
INSERT INTO songs VALUES(12,'Hardum Humdum',4,'Arijit Singh',10,'Hindi',102,'Lofi');  
TNSERT INTO songs VALUES(13,'Moh moh ke dhage',5,'Monali Thakur',10,'Hindi',102,'Lo'
```



# OVERVIEW

## BACK END

The screenshot shows the phpMyAdmin interface for the 'rhythm' database. The left sidebar lists databases: information\_schema, mysql, performance\_schema, phpmyadmin, rhythm, New, account, artists, genre, language, songs, and test. The 'account' table under the 'rhythm' database is selected. The main area displays the table structure with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The 'account' table has 2 rows, is InnoDB, latin1\_swedish\_ci, 16.0 Kib, and 0 B overhead. Other tables listed are artists, genre, language, and songs.

Account Table

Tables used for storing information.

The screenshot shows the phpMyAdmin interface for the 'rhythm' database, specifically the 'account' table. The left sidebar shows the same database structure as the first screenshot. The main area shows the table structure with columns: U\_ID, NAME, USER\_NAME, EMAIL, and U\_PASSWORD. Two rows of data are displayed: row 4 with U\_ID 4, NAME Tea, USER\_NAME tb@gmail.com, EMAIL Qqq; and row 5 with U\_ID 5, NAME t, USER\_NAME t@g, EMAIL t. Navigation and search tools are visible at the bottom.



# OVERVIEW

## BACK END

phpMyAdmin

Server: 127.0.0.1 » Database: rhythm » Table: artists

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 12 (13 total, Query took 0.0008 seconds.)

SELECT \* FROM `artists`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

A_ID	Artist_Name	Artist_Image
1	Taylor Swift	taylor swift.jpeg
2	Imagine Dragons	imagine-dragons-online.jpeg
3	Cold Play	Funktasy_Why_Coldplay_is_Biggest_Pop-Band_of_This_.jpeg
4	Arijit Singh	arijit (1).jpeg
5	Monali Thakur	monali_thakur_.jpeg
6	Ritviz	ritviz.jpeg
7	RTS	RTS ines

Genre Table

phpMyAdmin

Server: 127.0.0.1 » Database: rhythm » Table: genre

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 5 (6 total, Query took 0.0007 seconds.)

SELECT \* FROM `genre`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

G_ID	S_GENRE	Genre_Image
101	Pop	pop.png
102	Lofi	lofi.png
103	Rock	rock.png
104	Soul	soul.png
105	EDM	edm.png
106	K-pop	k-pop.png

Artists Table



# OVERVIEW

## BACK END

phpMyAdmin

Server: 127.0.0.1 » Database: rhythm » Table: language

Browse Structure SQL Search Insert Export Import Privileges Operat

Showing rows 0 - 4 (5 total, Query took 0.0015 seconds.) [Lang\_Image: BTN\_BEN.PNG... - BTN\_PUN.PNG...]

SELECT \* FROM `language` ORDER BY `Lang\_Image` ASC

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

L_ID	S_LANGUAGE	Lang_Image
30	Bengali	btn_ben.png
20	English	btn_eng.png
10	Hindi	btn_hin.png
50	Korean	btn_kor.png
40	Punjabi	btn_pun.png

Check all With selected: Edit Copy Delete Export

### Language Table

phpMyAdmin

Server: 127.0.0.1 » Database: rhythm » Table: songs

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Showing rows 0 - 24 (45 total, Query took 0.0010 seconds.)

SELECT \* FROM `songs`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

1 > >> Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

S_ID	Song_Name	A_ID	Artist_Name	L_ID	Language	G_ID	Genre
1	Blank Space	1	Taylor Swift	20	English	101	Pop
2	Breathe	1	Taylor Swift	20	English	102	Lo-fi
3	Love Story	1	Taylor Swift	20	English	102	Lo-fi
4	Radioactive	2	Imagine Dragons	20	English	103	Rock
5	Believer	2	Imagine Dragons	20	English	103	Rock
6	Thunder	2	Imagine Dragons	20	English	101	Pop
7	Paradise	3	Coldplay	20	English	101	Pop
8	Hymn for the Weekend	3	Coldplay	20	English	101	Pop

### Songs Table

# BEHIND THE SCENES



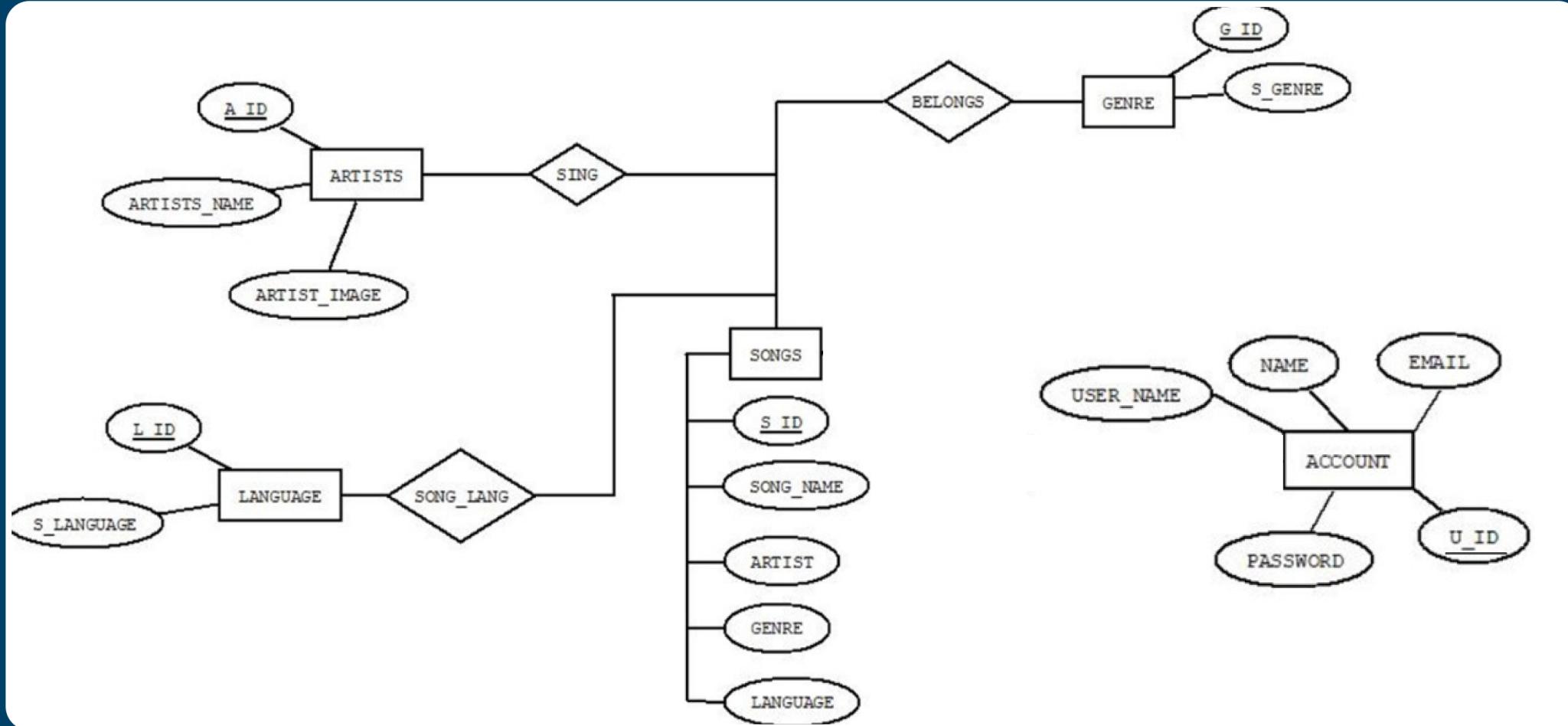
```
RHYTHM L E O B
> Artist_pics
> Logos
🐘 ADMIN PANEL.php
🐘 ADMIN.php
🐘 ARTISTS.php
🐘 CONNECT.php
🐘 GENRE.php
🐘 LANGUAGE.php
🐘 LOGIN.php
🐘 MAIN PAGE.php
🐘 REGISTER.php
🐘 SONG_ART.php
🐘 SONG_GEN.php
🐘 SONG_LANG.php
🐘 SONGS.php
```

```
CONNECT.php X
CONNECT.php
1 <?php
2
3 $conn = mysqli_connect('localhost','root', '', 'Rhythm');
4
5 if( !$conn )
6 {
7     die('Unable to connect');
8 }
9 ?>
```

```
50
51 <?php
52 if(isset($_POST['SONGS']))
53 {
54     header('Location: SONGS.php');
55 }
56 else if(isset($_POST['ARTISTS']))
57 {
58     header('Location: ARTISTS.php');
59 }
60 else if(isset($_POST['LANGUAGE']))
61 {
62     header('Location: LANGUAGE.php');
63 }
64 else if(isset($_POST['GENRE']))
65 {
66     header('Location: GENRE.php');
67 }
68 ?>
```

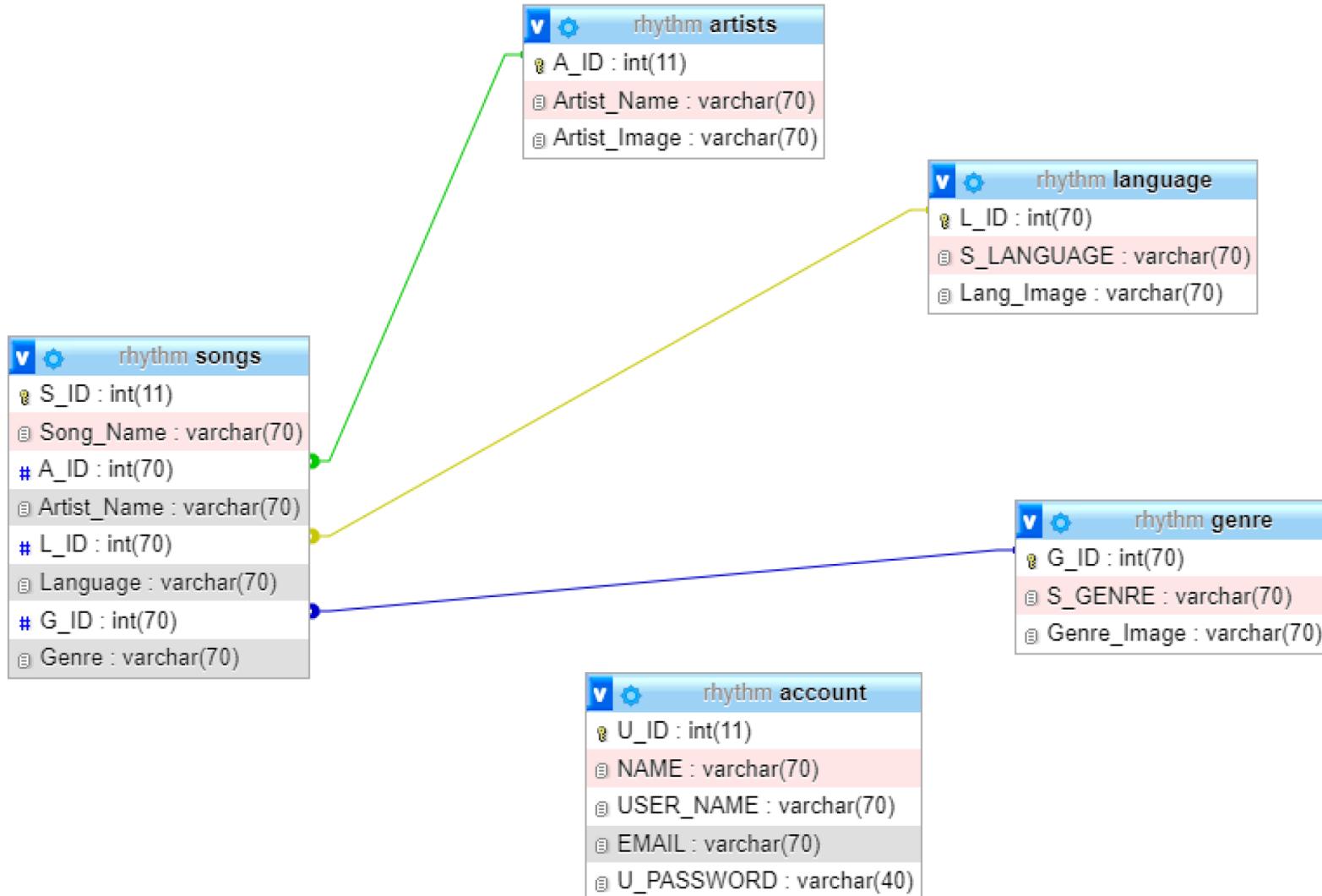
```
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>RHYTHM</title>
<link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400;600&display=swap" />
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" />
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" />
<link rel="stylesheet" href="./style3.css" /> ←
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.bundle.min.js"></script>
<script src="https://rawcdn.githack.com/albburtsev/jquery.typist/f4f429fad5bab374b1cf01da52ce4e469758afe6/dist/jquery.typist.min.js">
<script src="./script.js"></script>
</head>
```

# ER DIAGRAM





# ER DIAGRAM





# RHYTHM

A MUSIC MANAGEMENT PROJECT

# THANK YOU