Visvesvaraya Technological University

"JnanaSangama", Belagavi – 590018.

A DBMS Mini Project Report

on

"MUSIC MANAGEMENT SYSTEM"

Submitted in partial fulfillment of requirement for the V semester

Bachelor Of Engineering In Computer Science And Engineering

Submitted By

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An ISO 9001:2015 Certified Institute

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C. BYREGOWDA INSTITUTE OF TECHNOLOGY

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CERTIFICATE

This is Certified that the DBMS mini project work entitled **"MUSIC MANAGEMENT SYSTEM"** is a bonafide work carried out by **CHANDAN . B** bearing the university seat number **1CK21CS015** and **CHANDAN GOWDA . M** bearing the university seat number **1CK21CS016** in partial fulfillment for the award of Bachelor of Engineering in Computer Science & Engineering of the Visvesvaraya Technological University, Belagavi during year 2023-2024. It is certified that all corrections/suggestions indicated for the internal assessment have been incorporated in the DBMS mini project report. The mini project report has been approved as it satisfies the academic requirements in respect of DBMS mini project work prescribed for the V Semester Bachelor of Engineering Degree.

_____

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Name of Examiners

Signature of Examiners

1. _____ _____
2. _____ _____

ABSTRACT

The “Music Management System” project is to categorize and catalog every single piece of music, for Internet music service, listing record collections, music downloading and sharing, etc.

This project is carried out using PHP as front end and MYSQL as back end. The main objective of this project is to play the songs using albums, tracks, singers etc

The languages used to develop this system are PHP (Personal Home Page) and Database is MySQL**.** The website has a large memory of storing all the of the information for user to run the program, it is highly effective and accurate. I will recommend that if there is going to be any modification the new admin should endeavor to improve on the limitations, such as making it possible for user to play songs and fill the necessary information.

The objective of this project is to implement a Music CD store web application with user interface. The motivation of this project comes from my desire to learn the increasingly growing field of .NET, SQL server database designing, website designing and their growing popularity by taking up this case study.

ACKNOWLEDGEMENT

` The completion of any work is a showcase of constant dedication and co-operation of many people who lent their hands which went seen or unseen.

We are grateful to our Institution and Management**, C. BYREGOWDA INSTITUTE OF TECHNOLOGY** with its ideals and inspirations for having provided us with the facilities, which has made this, project a success.

We would like to thank our beloved Principal **Dr. CHANDRASHEKARA,** CBIT for his kind disposition for completing this undertaking successfully.

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CHAPTER 1

INTRODUCTION TO DBMS

A database is simply an organized collection of related data, typically stored on disk, and accessible by possibly many concurrent users. Databases are generally separated into application areas. For example, one database may contain Human Resource (employee and payroll) data; another may contain sales data; another may contain accounting data; and so on. Databases are managed by a DBMS.

1. Introduction

A Database Management System (DBMS) is a set of programs that manages any number of databases. DBMS stands for Database Management System. We can break it like this DBMS is Database and Management System. Database is a collection of data and Management System is a set of programs to store and retrieve those data. Based on this we can define DBMS like this, DBMS is a collection of inter-related data and set of programs to store & access those data in an easy and effective manner. Database systems are basically developed for large amount of data. When dealing with huge amount of data, there are two things that require optimization, Storage of data and retrieval of data.

2. Application of DBMS

Applications where we use Database Management Systems are:

- Telecom: There is a database to keeps track of the information regarding calls made, network usage, customer details etc. Without the database systems it is hard to maintain that huge amount of data that keeps updating every millisecond.
- Industry: Where it is a manufacturing unit, warehouse or distribution centre, each one needs a database to keep the records of ins and outs. For example distribution centre should keep a track of the product units that supplied into the centre as well as the products that got delivered out from the distribution centre on each day; this is where DBMS comes into picture.

- Education sector: Database systems are frequently used in schools and colleges to store and retrieve the data regarding student details, staff details, course details, exam details, payroll data, attendance details, fees details etc. There is a hell lot amount of inter-related data that needs to be stored and retrieved in an efficient manner.
- Online shopping: You must be aware of the online shopping websites such as Amazon, Flipkart etc. These sites store the product information, your addresses and preferences, credit details and provide you the relevant list of products based on your query. All this involves a Database management system.

1.3 Introduction to SQL

Structure Query Language (SQL) is a programming language used for storing and managing data in RDBMS. SQL was the first commercial language introduced for E.F Codd's Relational model. Today almost all RDBMS (MySql, Oracle, Infomix, Sybase, MS Access) uses SQL as the standard database language. SQL is used to perform all type of data operations in

RDBMS.

SQL Command

SQL defines following data languages to manipulate data of RDBMS.

DDL : Data Definition Language

All DDL commands are auto-committed. That means it saves all the changes permanently in the database.

Command	Description
Create	to create new table or database
Alter	for alteration
Truncate	delete data from table
Drop	to drop a table
Rename	to rename a table

DML : Data Manipulation Language

DML commands are not auto-committed. It means changes are not permanent to database, they can be rolled back.

Command	Description
Insert	to insert a new row
update	to update existing row
delete	to delete a row
merge	merging two rows or two tables

TCL : Transaction Control Language

These commands are to keep a check on other commands and their effect on the database. These commands can annul changes made by other commands by rolling back to original state. It can also make changes permanent.

Command	Description
commit	to permanently save
rollback	to undo change
savepoint	to save temporarily

DCL : Data Control Language

Data control language provides command to grant and take back authority.

Command	Description
grant	grant permission of right
revoke	take back permission.

DQL : Data Query

Language Command	Description

Select retrieve records from one or more table

Aggregate Functions

- Count, Sum, Avg , Min, Max are aggregate functions used in DBMS.

1.4 Basic Operations Of SQL

Union

UNION is used to combine the results of two or more Select statements. However it will eliminate duplicate rows from its result set. In case of union, number of columns and datatype must be same in both the tables.

Intersect

Intersect operation is used to combine two SELECT statements, but it only returns the records which are common from both SELECT statements. In case of Intersect the number of columns and datatype must be same. MySQL does not support INTERSECT operator.

Minus

Minus operation combines result of two Select statements and return only those result which belongs to first set of result. MySQL does not support INTERSECT operator.

CHAPTER 2

MUSIC MANAGEMENT SYSTEM

2.1 DESCRIPTION

The word “design” in the context of a Web Application can mean many things. Its most popular usage probably refers to the visual and user interface (UI) design of a web site. This aspect is crucial because, the visitor is often more impressed with how a website looks and how easy it is to use than about which technologies and techniques are used behind the scenes, or what operating system the web server is running.

If the site is hard to use and easy to forget, it just doesn’t matter what technologies was used to create it. Unfortunately, this truth makes many inexperienced programmers underestimate the importance of the way the invisible part of the site is implemented—the code, the database, and so on. The visual part of a site gets visitors interested to begin with, but its functionality makes them come back.

A web site can sometimes be implemented very quickly based on certain initial requirements, but if not properly architected, it can become difficult, if not impossible, to change. Thus, performance is also a major thrust area in the Web application which is one of the main reasons why users get attracted to it.

Growing user needs should be taken in to concern with new features to be included. Effective performance can be achieved by making proper Database design strategy. Also, easy navigation also needs to be accomplished while executing this project. These are the main motivations for the project.

2.2 AIM

The goal of this project is to provide an automated .NET Web application that allows a user to browse and buy a music CD over the Internet at any time.

The purpose of this project is to explore the capabilities of the Microsoft .NET Framework and to provide a convenient service of buying a music CDs to online customers.

2.3 WORKING

- Music management system is used to play audio files.
- Admin adds user, user will have the access to play the audio files uploaded by Admin.
- User can send feedback to Admin.
- User can create playlist, favourites after loging into the database.

2.4 SIGNIFICANCE OF STUDY

1. An online product catalog that can be browsed: The work starts with adding many new product catalog features which includes displaying categories, products, and product details.

2. Searching the Catalog: For the visual part, a text box is used in which the visitor can enter one or more words to search through the product catalog. In Music CD Shop, the words entered by the visitor are searched for in the products' names and descriptions. Also, the user can search for a particular song by entering the title, artist, style, format and the price range.

3. A Custom Shopping Cart and checkout in ASP.NET: A custom shopping basket is implemented, which stores its data into the local database. Also a "shopping cart summary control" is created that shows up in every catalog page except the shopping cart page.

4. Handling Customer Accounts: In customer account system, details such as credit card numbers are stored in a database so that customers don't have to retype this information each time they place an order. Customers can log in via a login page or dialog box to get access to secured areas of the web site. Once logged in, the Web Application remembers the customer until the customer logs out (either manually via a Log Out button or automatically, if the session times out or a server error occurs). All

secure pages in a Web Application need to check whether a customer is logged in before allowing access.

5. **Making Song Recommendations:** One of the most important advantages of an online store is the capability to customize the web site for each visitor based on his or her preferences, or based on data gathered from other visitors with similar preferences. In product recommendations system, additional products are suggested to an individual visitor in a clever way to increase sales. Here, song (product) will have recommendations based on the users' past purchases and based on data gathered from other users with similar preferences.

6. **Catalog Administration:** This administrative interface is implemented for easy management of the web store data. The catalog administration page allows the administrator to:

- Add or remove genres, and update the details of existing genres
- View and manage the categories that belong to a genre
- Manage the list of products in a specific category, and edit product details
- Assign an existing product to an additional, or move it to another category
- Remove a product from a category or delete the product from the catalog

2. 5 ALGORITHM FOR LOGIN PAGES

Step 1: Start
Step 2: Declare a variable username and password
Step 3: Read variable username and password
Step 4: if username= password
Open a new page
Else
Display error message

2.6 ANALYSIS OF THE PROPOSED SYSTEM

The proposed system is a web based music management system, were the Admin will be using a computer system as a major tool for storing music albums. The system have both admin end and the user end : The admin end is where the system are been controlled, granting access to the users which is managing the music albums according to track, artist etc for proper management of data and information flow of any user. At the user end, this is where direct interaction with the Admin occur. The registration is done by the program itself on logging in to give the required information to be filled on the system to access music files/albums.

2.7 SYSTEM ANALYSIS

System Analysis is a detailed study of the various operations performed by a system and their relationships within and outside of the system. Here the key question is- why all problems exist in the present system? What must be done to solve the problem? Analysis begins when a user or manager begins a study of the program using existing system. During analysis, data collected on the various files, decision points and transactions handled by the present system. The commonly used tools in the system are Data Flow Diagram etc. Training, experience a common sense are required for collection of relevant information needed to develop the system.

System analysis can be categorized into four parts.

- System planning and initial investigation
- Information Gathering
- Applying analysis tools for structured analyze
- Feasibility study
- Cost/ Benefit analysis.

CHAPTER-3

HARDWARE AND SOFTWARE REQUIREMENTS

In the development of any software application we require some particular system configuration of software and hardware components. This configuration helps in achieving the proper execution.

The various requirements that are essential for this project are specified over here. These requirements have to be fulfilled for successful of the project. The purpose, scope along with hardware and software requirements helps proper execution.

3.1 Hardware Requirements

The project works with any IBM PC compatibles, with Intel or AMD processors. A minimum of 32MB RAM is indispensable for smooth running of the package.

1. Processor	:	MinIntelX86
2. Memory requirement	:	Min20MB
3. Display type resolution	:	1366x768pixel

3.2 Software Requirements

A SR description of a software system to be developed. This document enlists enough and necessary requirements that are required for the project development.

1. Software type	:	XAMPP
2. Implementation Language	:	PHP,MYSQL
3. Source code lines	:	About 1000lines
4. Operating System required	:	Windows10

CHAPTER 4

DESIGN PHASE

Design is the creation of a plan or convention for the construction of an object or a system (as in architectural blueprints, engineering drawings, business processes, circuit diagrams and sewing patterns).Design has different connotations in different fields (see design disciplines below). In some cases the direct construction of an object (as in pottery, engineering, management, cow boy coding and graphic design) is also considered to be design. A specification of an object, manifested by an agent, intended to accomplish goals, in a particular environment, using a set of primitive components, satisfying a set of requirements, subject to constraints. Another definition for design is a roadmap or a strategic approach for someone to achieve a unique expectation. It defines the specifications, plans, parameters, costs, activities, processes and how and what to do within legal, political, social, environmental, safety and economic constraints in achieving that objective. Designing often necessitates considering the aesthetic, functional, economic and sociopolitical dimensions of both the design object and design process. It may involve considerable research, thought, modeling, interactive adjustment, and re-design. Meanwhile, diverse kinds of objects may be designed, including clothing, graphical user interfaces, skyscrapers, corporate identities, business processes and even methods of designing.

4.1 Entity Relationship Diagram

Definition of ER Diagram

An Entity relationship describes inter-related things of interest in a specific domain of knowledge. An ER model is composed of entity types and specifies relationships that can exist between instances of those entity types. In software engineering an ER model is commonly formed to represent things that a business needs to remember in order to perform business processes. Consequently, the ER model becomes an abstract data model that defines a data or information structure that can be implemented in a database, typically a relation database.

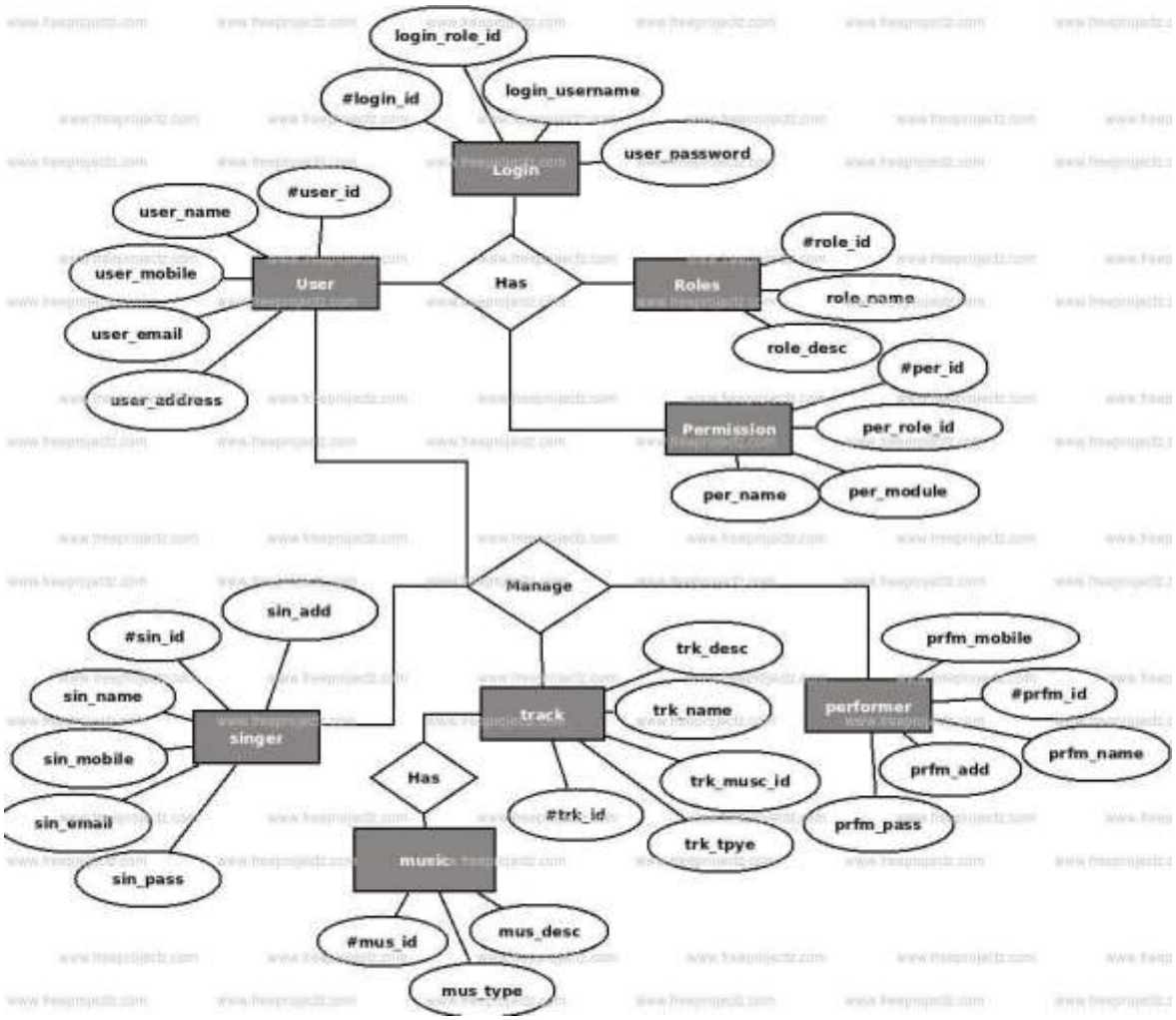


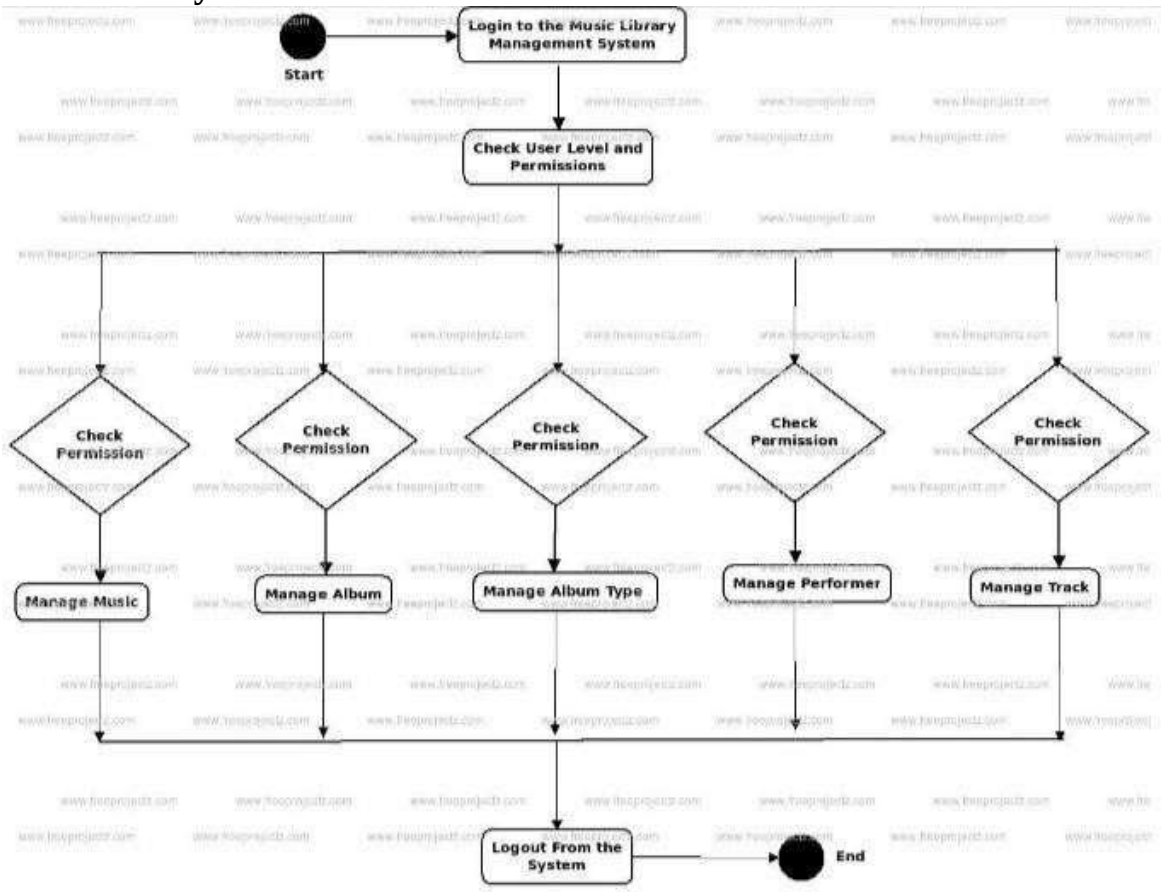
Figure B.1. Entity Relationship diagram

4.2 Schema Diagram

Definition of schema diagram

The database schema of database system is its structure described in a formal language supported by the database management system .The term “schema” refers to the organization of data as a blue print of how the database is constructed .The formal definition of database schema is a set of formulas called integrity constraints imposed on a database. These integrity constraints are expressible in the same language. A database can be considered a structure in realization of the database language. The states of a created conceptual schema are transformed into a explicit mapping, the database schema. This describes how real-world entities are modeled in the database.

4.3 System Architecture



CHAPTER 5

IMPLEMENTATION

The implementation is the process of assuring that the information system is operational and then allowing users take over its operations for use and evaluation .Implementation includes the following activities:

- Obtaining and installing the system Hardware Providing user access to the system.
- Creating and updating the database

Training the users in the new system.

1. Platform

Window 10 is a personal computer operating system developed by Microsoft, a version of Windows NT. Development of 10 occurred as early as 8.1 under the codename "**Blackcomb**". Windows 10 is available in six different editions, of which the Home Premium, Professional, and Ultimate editions are available for retail sale to consumers. **The advantages of windows 10 are:**

- Improved performance.
- Enhanced searching capabilities.
- Location aware printing.
- Virtual hard disk support.
- Expanded security.
- Get better security built-in.
- Hassle-free backups.
- Have all your files instantly at hand.

5.2 Language

PHP is a widely used, general-purpose scripting language that was originally designed for web development, to produce dynamic web pages. It can be embedded into HTML and generally runs and on a web server, which needs to be configured to process PHP code and create web page content from it. It can be deployed on most web servers and on almost on every operating system and platform free of charge. PHP is installed on over 20 million websites and 1 million web servers.

PHP was originally created by Rasmus Lerdorf in 1994 and has been in continuous development ever since. The main implementation of PHP is now produced by the PHP group and serves as the de facto standard for PHP as there is no formal specification. PHP is free software released under the PHP License, which is in compitable with the GNU General public license (GPL) because of restrictions on the use of the term PHP.

5.3 MODULES

* **Module 1- Front End**
* **Module 2- connectivity**
* **Module 3-Back End**

MODULE 1- FRONT END

ADMIN HOME

```
<?php
session_start(); if(isset($_SESSION['user_id'])==0){
header("location:../../loginpage.php");
}else{
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>BMEG | Administrator Page</title>
<link rel="stylesheet" type="text/css" href="../css/AdminStyle.css" />
<script type="text/javascript" src="../Javascript/jquery-1.7.1.min.js"></script>
<script type="text/javascript" src="../Javascript/formvalidation.js"></script>
</head>

<body>

<div class="header_wrapper">
        <div class="login">
       <?php
                                $today = date("F j, Y");
                                echo ' Today is '.$today;
                                ?>
        <ul>

           <li><a href="logout.php">Admin Logout</a></li>
        </ul>
        </div>
</div>
<!--Start Menu-->
<div class="header_menu">
        <div class="menu">
        <ul>
```

```
      <li><a href="AdminHome.php">HOME</a></li>
        <li><a href="AdminCategory.php">CATEGORIES</a></li>
        <li><a href="AdminAlbum.php">ALBUMS</a></li>

        </ul>
   </div>
</div>
<!--End Menu-->
<div class="header_under"></div>
<!--Start Container for the web content-->
<div class="container_wrapper">
        <!--Sidebar-->
   <div class="sidebar_menu">
        <div>
                <h4 class="header">BMEG Menu</h4>
      </div>
         <ul>
      <li><a href="Feedbacks.php"><img src="../Templates/list-style.png" height="8"
width="8"/> Feed Backs</a></li>
        <li><a href="AddUser.php"><img src="../Templates/list-style.png" height="8"
width="8"/> Add User</a></li>
      </ul>
   </div>
   <!--End Sidebar-->
   <!--Start Web Content-->
   <div class="home_content">
        <h2 class="header">Hello Admin <?php echo $_SESSION['name']?></h2>

      <div class="banner">

      </div>
   </div>
    <!--End Web Content-->
</div>
<!--End Container-->
<div class="footer_wrapper">
   <div class="footer_menu">
        <ul>
      <li>Find the us <a href="Frontend/Contacts.php">BMEG Music Office</a> or <a
href="Frontend/Contacts.php">contact us</a> for more information</li>
      </ul>
      <br /> <br /> <br />
      <span style="color:#999; font-size:14px; margin-top:10px;">&copy;2012 BMEG Music,
Inc.</span>
   </div>
```

```
</div>
</body>
</html>
<?php
}
?>
```

ADMIN ADD USER

```
<?php
session_start();
if(isset($_SESSION['user_id'])==0){ header("location:../../loginpage.php");

}else{
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>BMEG | Administrator Page</title>
<link rel="stylesheet" type="text/css" href="../css/AdminStyle.css" />
<script type="text/javascript" src="../Javascript/jquery-1.6.2.min.js"></script>
<script type="text/javascript">

</script>
</head>

<body>
<div class="header_wrapper">
        <div class="login">
       <?php
                                $today = date("F j, Y");
                                echo ' Today is '.$today;
                                ?>
        <ul>

           <li><a href="logout.php">Admin Logout</a></li>
        </ul>
        </div>
</div>
<!--Start Menu-->
```

```
<div class="header_menu">
        <div class="menu">
        <ul>
      <li><a href="AdminHome.php">HOME</a></li>
        <li><a href="AdminCategory.php">CATEGORIES</a></li>
        <li><a href="AdminAlbum.php">ALBUMS</a></li>
        </ul>
  </div>
</div>
<!--End Menu-->
<div class="header_under"></div>
<!--Start Container for the web content-->
<div class="container_wrapper">
        <!--Sidebar-->
  <div class="sidebar_menu">
        <h4 class="header">BMEG Menu</h4>
        <ul>
      <li><a href="Feedbacks.php"><img src="../Templates/list-style.png" height="8" width="8"/> Feed Backs</a></li>
        <li><a href="AddUser.php"><img src="../Templates/list-style.png" height="8" width="8"/> Add User</a></li>
      </ul>
  </div>
  <!--End Sidebar-->
  <!--Start Web Content-->
  <div class="home_content">
        <h2 class="header">Add New User</h2>
      <div class="form">
                <form  method="post" action="AdminAddUser.php" name="myform"/>
              <div>
               <label for="Name">Name</label>
                <input type="text" name="txtname" id="txtname" placeholder="Complete Name" size="39"/>
</div>
              <div>
               <label for="username">Username</label>
                <input type="text" name="txtusername" id="txtusername" placeholder="Username" size="39"/>
              </div>
              <div>
```

```
            <label for="password">Password</label>
              <input type="text" name="txtpass"  placeholder="Password" size="39"/>
</div>              <div>
            <input type="submit" value="Add User" id="button1" name="add"/>
              <input type="reset" value="Cancel" id="button2"/>
            </div>
          </form>
          <br /><br />
          <table  width="650" border="0" cellpadding="1" cellspacing="0">
              <tr>
            <th class="table">Name</th><th class="table">Username</th><th class="table">Password</th><th class="table">Action</th>
          </tr>
                                  <?php
          require_once('connect.php');
                                  $line = 0;
          $getUsers = mysqli_query($connect,"SELECT * FROM tblusers") or die(mysqli_error($connect));
           while($row = mysqli_fetch_array($getUsers)){
                                      if($line == 1){
                                          $bgcolor = '#E0EEF8';
                                          $line = 0;
                                      }else{
                                          $bgcolor = '#FFFFFF';
                                          $line = 1;
                                      }
          ?>
          <tr align="center" bgcolor="<?php echo $bgcolor?>" height="30">
           <td align="center"><?php echo $row['name']?></td>
              <td align="center"><?php echo $row['username']?></td>
              <td align="center"><?php echo $row['password']?></td>
              <td align="center" width="120"><a href="AdminEditUser.php?id=<?php echo $row['user_id']?>" class="link">EDIT</a> | <a href="AdminDeleteUser.php?id=<?php echo $row['user_id']?>" class="link" onclick="return confirm('Do you want to delete this?')">DELETE</a></td>
          </tr>
          <?php } ?>
        </table>
      </div>
```

```
   </div>
    <!--End Web Content-->
</div>
<!--End Container-->
<div class="footer_wrapper">
   <div class="footer_menu">
         <ul>
       <li>Find the us <a href="Frontend/Contacts.php">BMEG Music Office</a> or <a href="Frontend/Contacts.php">contact us</a>  for more information</li>
      </ul>
      <br /> <br /> <br />
      <span style="color:#999; font-size:14px; margin-top:10px;">&copy;2012 BMEG Music, Inc.</span>
   </div>
</div>
</body>
</html><?php } ?>
```

SEARCH

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<link rel="stylesheet" type="text/css" href="CSS/index.css" />
<title>BMEG Music | Search Albums</title>
<style type="text/css">
#f{ font-family:Arial, Helvetica, sans-serif; font-size:13px; font-weight:bold;}
#sub{ cursor:pointer; width:70px; font-family:"Courier New", Courier, monospace; fontweight:600; height:30px;}
#sub:hover{
        color:#06F;
        -moz-box-shadow:0px 0px 5px #B0B0B0;
        -webkit-box-shadow:0px 0px 5px #B0B0B0;        -khtml-box-shadow:0px 0px 5px #B0B0B0;
        border:1.5em medium #B0B0B0;}
</style>
<script type="text/javascript"> function validate(){
        var searchdata = document.forms["search"]["search"].value;
```

```
        if(searchdata =="" || searchdata==null){
        alert("Enter album name!");             return false;
        }
}
</script>
</head>

<body>
<div class="header_wrapper">
        <div class="login">
        <?php
                                $today = date("F j, Y");
                                echo ' Today is '.$today;
                        ?>
           <a href="FeedbackForm.php">Submit Feedback</a>
        <ul>
           <li><a href="../loginpage.php">Admin Login</a></li>
        </ul>
        </div>
</div>
<!--Start Menu-->
<div class="header_menu">
        <div class="menu">
        <ul>
       <li><a href="../index.php">HOME</a></li>
        <li><a href="Albums.php">ALBUMS</a></li>
        <li><a href="Licensing.php">LICENSING</a></li>
        <li><a href="Songs.php">VOTE</a></li>
        <li><a href="AboutUs.php">ABOUT US</a></li>
        <li><a href="News.php">NEWS</a></li>

        </ul>
</div>
</div>
<!--End Menu-->
<div class="header_under"></div>
<div class="container_wrapper"><!--Start Container for the web content-->
   <div class="sidebar_menu"><!--Sidebar-->
        <h3 class="header_1">BMEG Music</h3>
```

```
        <ul>
          <?php
          require_once('../Administrator/PHP/connect.php');
          $getCat= mysqli_query($connect,"SELECT id,catname FROM tblcategory");
while($rowCat = mysqli_fetch_array($getCat)){
          ?>
          <li>
          <a href="AlbumByCategory.php?id=<?php echo $rowCat['id']?>"><img
src="../Templates/list-style.png" height="8" width="8"/> <?php echo
$rowCat['catname']?></a>
          </li>
          <?php } ?>
        </ul>
  </div><!--End Sidebar-->
  <div class="col2"><!--Start second column-->
       <div class="search_box"><!--Start search box container-->
     <form name="search" id="search" method="post" onsubmit="return validate()">
              <table>
              <tr>
            <td>Category</td>
            <td>
                    <select name="category">
                <option value="SELECT" selected="selected">--SELECT CATEGORY-
</option>
                <?php
                                                $getCat=
mysqli_query($connect,"SELECT id,catname FROM tblcategory");
    while($rowCat = mysqli_fetch_array($getCat)){
                                                ?>
                    <option value="<?php echo $rowCat['id']?>"><?php echo
$rowCat['catname']?></option>
                <?php } ?>
                </select>
            </td>
            <td>
                    <input type="text" id="search" name="search" placeholder="Enter
Album Name" size="39"/>
            </td>
            <td>
                    <input type="submit" value="Search" id="sub"/>
                    </td>
```

```
            </tr>
          </table>
        </form>
        </div><!--End search box container-->
                <div id="header_title">Album List</div>
      <?php
                error_reporting(E_ERROR);
        $category = $_POST['category'];
                $search = $_POST['search'];
 $searchquery = mysqli_query($connect,"SELECT * FROM tblalbum WHERE albumcat = '".$category."'
                                                AND albumname LIKE '%$search%' ORDER BY id LIMIT 10");
                while($rowSearch = mysqli_fetch_array($searchquery)){
        ?>
                <div class="content_holder"><!--Start content holder for the album-->
                <div class="info">
                <?php echo "<img src=../Administrator/PHP/upload_images/album/$rowSearch[albumimage] height=70 width=70/>"; ?>
                <div class="info1">
              <?php
                                        $album = strtoupper($rowSearch['albumname']);
                                        echo '<table cellpadding=0 cellspacing=0>';
                                                echo '<tr>';
                                                        echo '<td><label id=album>Album:</label></td>';
                                                        echo "<td><a href='ViewSongs.php?id=".$rowSearch['id']."' id=link>".$album."</td>";
                                                echo '</tr>';
                                        echo '<tr>';
                                                        echo '<td><label id=a1>Singer:</label></td>';
      echo '<td><label id=a2>'.$rowSearch['albumsinger'].'</label></td>';
                                                echo '</tr>';
                                        echo '<tr>';
                                                        echo '<td><label id=a1>Writer:</label></td>';
                                                        echo '<td><label id=a2>'.$rowSearch['albumwriter'].'</label></td>';
                                                echo '</tr>';
```

```
                                        echo '</table>';
                                        ?>
                </div>
              </div>
            </div><!--End content holder for the album-->
        <?php
                    } //End row album
                    if(mysqli_num_rows($searchquery)==0){
                            echo '<div class=error>';
                            echo 'Search Result(0)';
                            echo '</div>';
            }
                    ?>
    </div><!--End second column-->
</div><!--End Container-->
<div class="footer_wrapper">
    <div class="footer_menu">
          <ul>
        <li>Find the us <a href="Contacts.php">BMEG Music Office</a> or <a href="Contacts.php">contact us</a> for more information</li>
        </ul>
        <br /> <br /> <br />
        <span style="color:#999; font-size:14px; margin-top:10px;">&copy;2012 BMEG Music, Inc.</span>
    </div>
</div>
</body> </html>
```

MODULE-2 CONNECTIVITY

```
-- phpMyAdmin SQL Dump
-- version 4.2.11
-- http://www.phpmyadmin.net
--
-- Host: 127.0.0.1
-- Generation Time: Mar 03, 2019 at 05:15 PM
-- Server version: 5.6.21
-- PHP Version: 5.6.3
```

MODULE-3 BACK END

```
-- Table structure for table `tblalbum`
CREATE TABLE IF NOT EXISTS `tblalbum` (
`id` int(100) NOT NULL,
  `albumcat` int(100) DEFAULT NULL,
  `albumname` varchar(60) DEFAULT NULL,
  `albumsinger` varchar(100) DEFAULT NULL,
  `albumwriter` varchar(100) DEFAULT NULL,
  `albumdesc` varchar(250) DEFAULT NULL,
  `albumimage` varchar(30) DEFAULT NULL
) ENGINE=MyISAM AUTO_INCREMENT=113 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `tblalbum`
--

INSERT INTO `tblalbum` (`id`, `albumcat`, `albumname`, `albumsinger`, `albumwriter`,
`albumdesc`, `albumimage`) VALUES
(96, 29, 'Slipknot', 'Slipknot', 'Slipknot', 'the rock', 'slipknot.jpg'),
(95, 29, 'Slapshock', 'Slapshock', 'Slapshock', 'the best', 'slap.jpg'),
(97, 33, 'AndrewE Rap', 'Andrew E', 'Andrew E', 'pinoy', 'AndrewE1.jpg'),
(98, 29, 'Amber Pacific', 'Amber Pacific', 'Them', 'the rock', 'Amber2.jpg'),
(99, 35, 'Parokya ', 'Parokya ', 'Parokya ', 'the pinoy band', 'parokya1.jpg'),
(100, 28, 'TREy Songz', 'Trey', 'Trey', 'Trey songs', 'trey.jpg'),
(101, 32, 'How to Love', 'Lil Wayne', 'Lil Wayne', 'Lil Wayne', 'Lilwayne.jpg'),
(102, 33, 'Eminem''s ', 'Eminem', 'Eminem', 'Eminem', 'EMRAP.jpg'),
(103, 32, 'T.I. Songs', 'T.I.', 'T.I.', 'T.I.', 'TI.jpg'),
(104, 34, 'Ayos Land Ako', 'Rocksteddy', 'Rocksteddy', 'Rocksteddy', 'Rocksteddy.jpg'),
(105, 30, 'Boyce Avenue', 'Boyce Avenue', 'Boyce Avenue', 'Boyce Avenue', 'Boyce1.jpg'),
```

(106, 35, 'Bale Wala', 'Siakol', 'Siakol', 'the best', 'siakol.jpg'),

(107, 35, 'Tommorow', 'Bamboo', 'Bamboo', 'Astig', 'bamboo.jpg'),

(108, 35, 'Stars', 'Callalily', 'Callalily', 'Callalily', 'Callalily.jpg'),

(109, 35, 'Crying', 'Silent Sanctuary', 'Silent Sanctuary', 'Silent Sanctuary', 'silent_sanctuary.jpg'),

(110, 35, 'Bagong Liwanag', 'Rivermaya', 'Rivermaya', 'Rivermaya', 'rivermaya.jpg'),

(111, 35, 'Awit Para Sayo', 'Eric Santos', 'John Talbo', 'dadadasd', 'ericsantos.jpg'),

(112, 29, 'OK COMPUTER OKNOTOK', 'Thom Yorke', 'Thom Yorke, Johnny Greenwood, Colin Greenwood, Ed O" Brien, Philip Selway', 'OK Computer OKNOTOK 1997 2017 is a reissue of the 1997 album OK Computer by the English alternative rock band Radiohead. It was released in June 2017, the album"s 20th anniversary, following the acquisition of Radiohead"s back catalogue by XL Recordi', '51MASwsu9rL.jpg');

--

-- Table structure for table `tblcategory`

--

CREATE TABLE IF NOT EXISTS `tblcategory` (

`id` int(10) NOT NULL,

`catname` varchar(50) DEFAULT NULL,

`catdesc` varchar(250) DEFAULT NULL,

`catimage` varchar(30) DEFAULT NULL

) ENGINE=MyISAM AUTO_INCREMENT=36 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tblcategory`

--

INSERT INTO `tblcategory` (`id`, `catname`, `catdesc`, `catimage`) VALUES

(34, 'ALTERNATIVE', 'the one of the best', 'alternative.jpg'),

```
(33, 'RAP', 'the rap', 'RAP.jpg'),
(32, 'HIPHOP', 'the hiphop', 'HIPHOP.jpg'),
(28, 'RNB', 'The best to rnb', 'RNB.jpg'),
(29, 'ROCK', 'the rock', 'ROCK.jpg'),
(30, 'ACOUSTIC', 'the acoustic', 'ACOUSTIC.jpg'),
(35, 'OPM', 'Pinoy music', 'opm.jpg');

--------------------------------------------------------

--
-- Table structure for table `tblfeedback`
--

CREATE TABLE IF NOT EXISTS `tblfeedback` (
`f_id` int(100) NOT NULL,
  `name` varchar(100) NOT NULL,
  `email` varchar(50) NOT NULL,
  `address` varchar(150) NOT NULL,
  `message` varchar(250) NOT NULL,
  `status` int(2) NOT NULL DEFAULT '0'
) ENGINE=MyISAM AUTO_INCREMENT=27 DEFAULT CHARSET=latin1;

--------------------------------------------------------

--
-- Table structure for table `tblip`
--

CREATE TABLE IF NOT EXISTS `tblip` (
`ip_id` int(100) NOT NULL,
```

```
  `ip` varchar(50) NOT NULL,
  `time` varchar(60) NOT NULL
) ENGINE=MyISAM AUTO_INCREMENT=62 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `tblip`
--

INSERT INTO `tblip` (`ip_id`, `ip`, `time`) VALUES
(56, '127.0.0.1', '1330586719'),
(57, '127.0.0.1', '1331066469'),
(58, '127.0.0.1', '1331170565'),
(59, '127.0.0.1', '1355904608'),
(60, '127.0.0.1', '1356076870'),
(61, '127.0.0.1', '1356489054');

--------------------------------------

--
-- Table structure for table `tblsongs`
--

CREATE TABLE IF NOT EXISTS `tblsongs` (
`id` int(100) NOT NULL,
  `songcat` varchar(10) DEFAULT NULL,
  `songalbum` varchar(50) DEFAULT NULL,
  `songsinger` varchar(100) DEFAULT NULL,
  `songdesc` varchar(250) DEFAULT NULL,
  `songfile` varchar(50) DEFAULT NULL,
  `songwriter` varchar(100) NOT NULL,
```

```
  `songpoints` int(100) NOT NULL
) ENGINE=MyISAM AUTO_INCREMENT=55 DEFAULT CHARSET=latin1;


--
-- Dumping data for table `tblsongs`
--

INSERT INTO `tblsongs` (`id`, `songcat`, `songalbum`, `songsinger`, `songdesc`, `songfile`, `songwriter`, `songpoints`) VALUES
(53, 'OPM', '111', 'Eric Santos', 'dsfs', 'Ill never go.mp3', 'John Talbo', 0),
(39, 'HIPHOP', '101', 'Lil Wayne', 'Lil Wayne', 'Lil Wayne - Beat Without Bass.mp3', 'Lil Wayne', 12),
(38, 'OPM', '99', 'Parokya ', 'Parokya ', 'Parokya Ni Edgar - One And Only You.mp3', 'Parokya ', 0),
(37, 'ROCK', '98', 'Amber Pacific', 'Amber Pacific', 'Amber Pacific - Falling Away.mp3', 'Them', 2),
(36, 'ROCK', '96', 'Slipknot', 'Slipknot', 'Slipknot - Before I Forget.mp3', 'Slipknot', 0),
(41, 'ALTERNATIV', '104', 'Rocksteddy', 'Rocksteddy', 'Rocksteady Wag na lang.mp3', 'Rocksteddy', 14),
(42, 'ALTERNATIV', '99', 'Parokya ', 'Parokya ', 'Parokya Ni Edgar - Gitara.mp3', 'Parokya ', 0),
(43, 'ACOUSTIC', '105', 'Boyce Avenue', 'Boyce Avenue', 'Boyce Avenue - Because of You.mp3', 'Boyce Avenue', 24),
(44, 'ACOUSTIC', '105', 'Boyce Avenue', 'Boyce Avenue', 'Boyce Avenue - Every Breath.mp3', 'Boyce Avenue', 0),
(45, 'RAP', '102', 'Eminem', 'EminemEminem', 'Eminen 8 miles.mp3', 'Eminem', 3),
(46, 'RNB', '100', 'Trey', 'Trey', 'Trey Songs-I need a girl.mp3', 'Trey', 1),
(48, 'OPM', '107', 'Bamboo', 'ok din to', 'Hallelujah.MP3', 'Bamboo', 0),
(49, 'OPM', '108', 'Callalily', 'Callalily', 'Stars.mp3', 'Callalily', 0),
(50, 'OPM', '109', 'Silent Sanctuary', 'dasdasd', 'Summer Song.mp3', 'Silent Sanctuary', 0),
(51, 'OPM', '110', 'Rivermaya', 'dasdasd', 'Sleep.mp3', 'Rivermaya', 0),
(52, 'OPM', '106', 'Siakol', 'dsad', 'Ill never go.mp3', 'Siakol', 0),
(54, 'ACOUSTIC', '105', 'Boyce Avenue', 'ghg', 'Firework.mp3', 'Boyce Avenue', 0);
```

```
-- --------------------------------------------------------

--
-- Table structure for table `tblusers`
--

CREATE TABLE IF NOT EXISTS `tblusers` (
`user_id` int(100) NOT NULL,
  `name` varchar(60) NOT NULL,
  `username` varchar(30) NOT NULL,
  `password` varchar(30) NOT NULL
) ENGINE=MyISAM AUTO_INCREMENT=17 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `tblusers`
--

INSERT INTO `tblusers` (`user_id`, `name`, `username`, `password`) VALUES
(15, 'jaryl alvero', 'jaryl', 'alvero'),
(3, 'john', 'john', 'talbo'),
(4, 'Harry Den', 'harry', 'pass'),
(5, 'rolando', 'rolando', 'parado'),
(10, 'alvin', 'alvin', 'espejo');

-- --------------------------------------------------------

--
```

```
--
--
  Table structure for table `tblvotes`


CREATE TABLE IF NOT EXISTS `tblvotes` (
`vid` int(10) NOT NULL,
 `vname` varchar(50) NOT NULL,
 `vpoints` int(10) NOT NULL DEFAULT '0'
) ENGINE=MyISAM AUTO_INCREMENT=10 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `tblvotes`
--

INSERT INTO `tblvotes` (`vid`, `vname`, `vpoints`) VALUES
(7, 'Waray2x Hip-hop', 15),
(6, 'Waray2x Rock', 51),
(5, 'Waray2x Rap', 35),
(8, 'Waray2x Acoustic', 40),
(9, 'Waray2x RNB', 9);

--
-- Indexes for dumped tables
--

--
-- Indexes for table `tblalbum`
--
ALTER TABLE `tblalbum`
```

```
-- --
--
 ADD PRIMARY KEY (`id`);

    Indexes for table `tblcategory`

ALTER TABLE `tblcategory`
 ADD PRIMARY KEY (`id`);


--
 -- Indexes for table `tblfeedback`
--
ALTER TABLE `tblfeedback`
 ADD PRIMARY KEY (`f_id`);


--
-- Indexes for table `tblip`
--
ALTER TABLE `tblip`
 ADD PRIMARY KEY (`ip_id`);


--
-- Indexes for table `tblsongs`
--
ALTER TABLE `tblsongs`
 ADD PRIMARY KEY (`id`);


--
-- Indexes for table `tblusers`
--
```

```
-- --
--
ALTER TABLE `tblusers`
 ADD PRIMARY KEY (`user_id`); Indexes for table `tblvotes`

ALTER TABLE `tblvotes`
 ADD PRIMARY KEY (`vid`);


--
-- AUTO_INCREMENT for dumped tables
--


--
-- AUTO_INCREMENT for table `tblalbum`
--
ALTER TABLE `tblalbum`
MODIFY `id` int(100) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=113;
--
-- AUTO_INCREMENT for table `tblcategory`
--
ALTER TABLE `tblcategory`
MODIFY `id` int(10) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=36;
--
-- AUTO_INCREMENT for table `tblfeedback`
--
ALTER TABLE `tblfeedback`
MODIFY `f_id` int(100) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=27;
--
-- AUTO_INCREMENT for table `tblip`
--
```

```
-- --

--
ALTER TABLE `tblip`

MODIFY `ip_id` int(100) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=62;
AUTO_INCREMENT for table `tblsongs`


ALTER TABLE `tblsongs`

MODIFY `id` int(100) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=55;

--

-- AUTO_INCREMENT for table `tblusers`

--

ALTER TABLE `tblusers`

MODIFY `user_id` int(100) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=17;

--

-- AUTO_INCREMENT for table `tblvotes`

--

ALTER TABLE `tblvotes`

MODIFY `vid` int(10) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=10;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

/*!40101 SET COLLATION_CONNECTION=@OLD
```

CHAPTER 6

CONCLUSION AND FUTURE ENHANCEMENT

1. Conclusion

- This Project concentrates on Online Music Streaming
- Songs added by Admin, accessed by registered Users
- Search a song as per album, genre, Lyrics, artist
- Can create Playlists
- Can Maintain Favourite Songs
- Users can maintain their music files on their account

2. Future Enhancements

This application can be easily implemented under various situations. We can add new features as and when we require. Reusability is possible as and when require in this application. There is flexibility in all the modules.

Software Scope:

- Extensibility
- Reusability
- Understandability
- Cost-effectiveness

REFERENCES

1) Book : Ramez **Elmasri and Shamkant B.Navanthe, 7th Edition,2017,Pearson**

2) Book : Ramakrishnan and 3rd Edition, 2014, McGraw Hill Reference

REFERENCE WEBSITES

3) www.freeprojectz.com

4) www.googlegroups.com/MUKESHKUMAR

5) www.slideshare.net

APPENDIX A

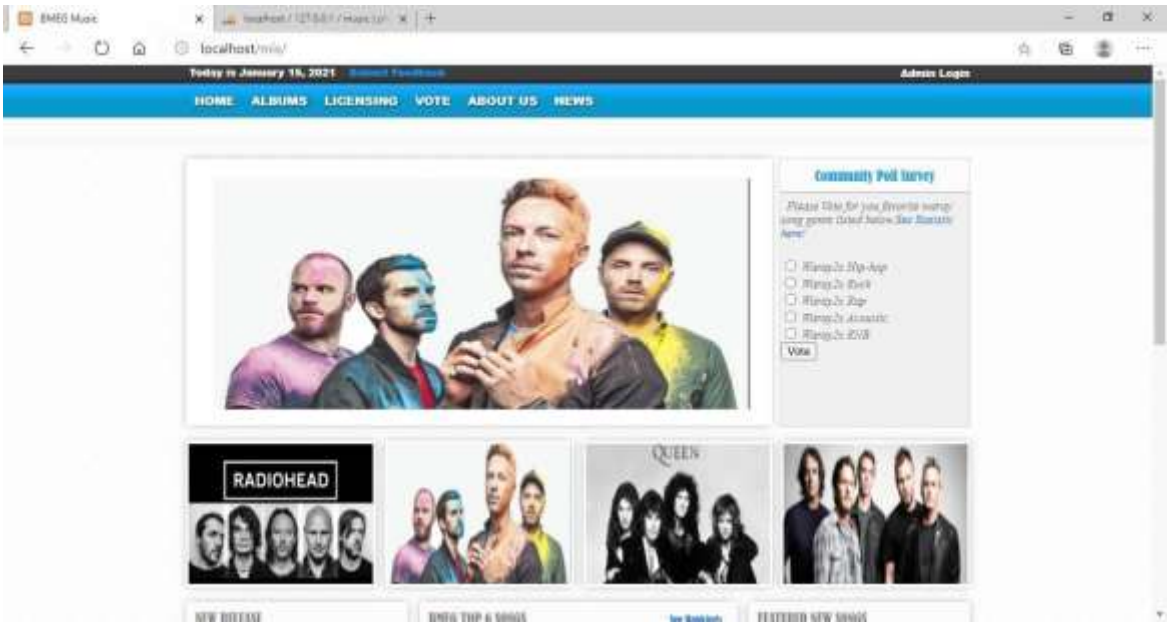
ACRONYMS AND SYNONYMS

ER	: Entity Relationship
SR	: Software requirements
SQL	: Structured Query Language
DBMS	: Database Management System
PHP	: Hypertext Preprocessor (earlier called, Personal Home Page)

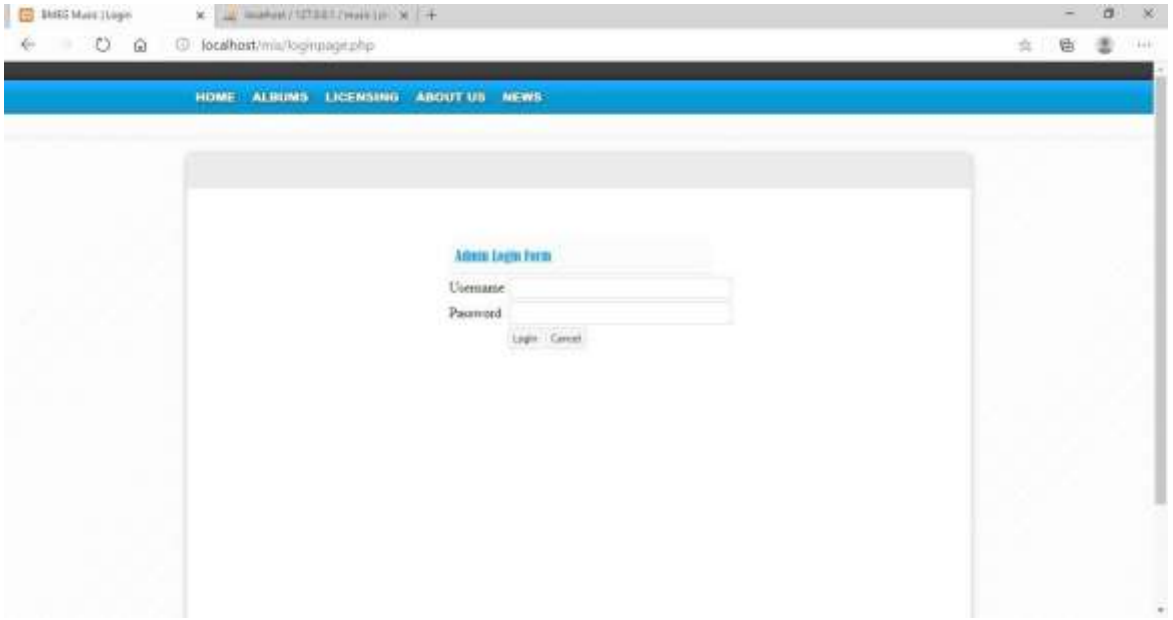
APPENDIX B

SNAPSHOTS

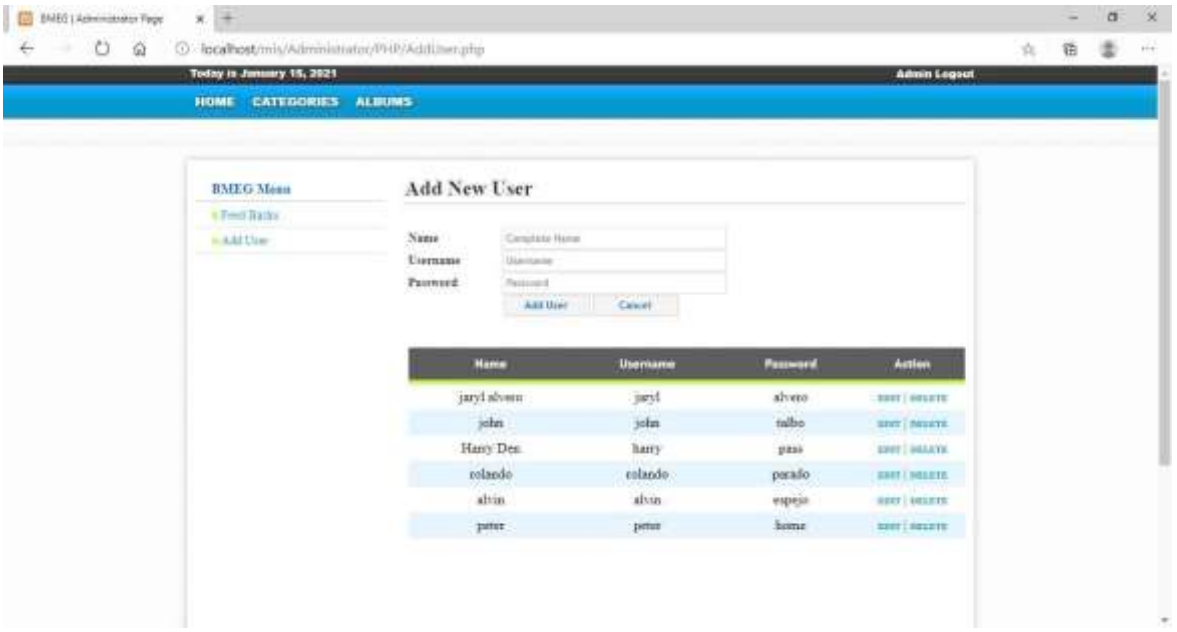
HOMEPAGE



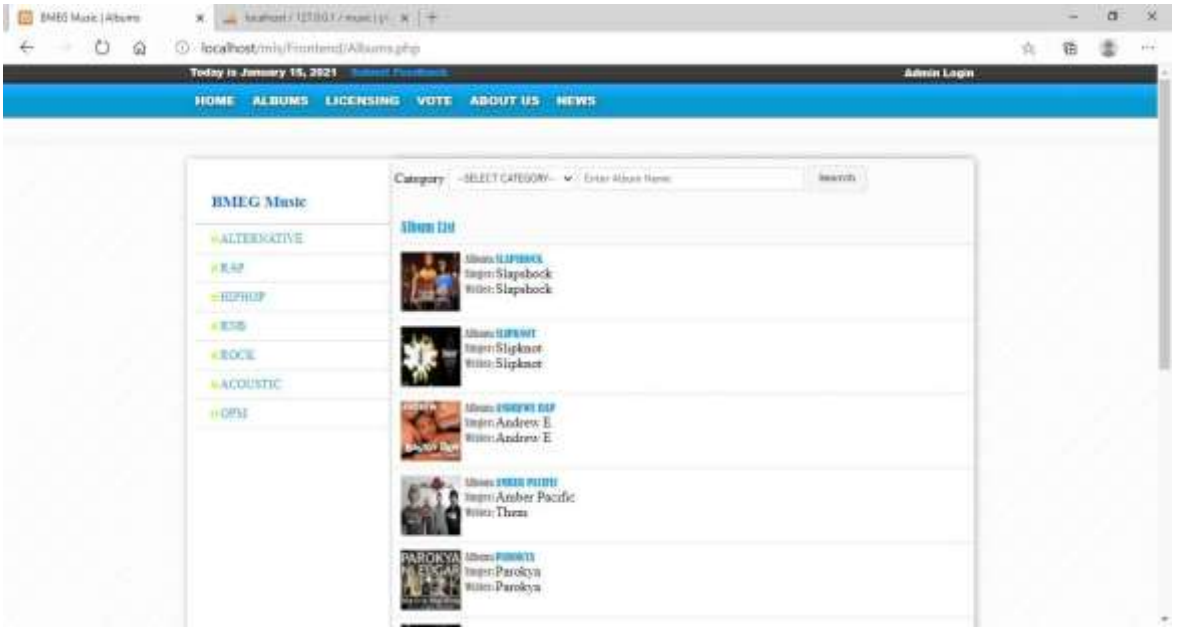
ADMIN LOGIN PAGE



ADMIN ADD NEW USER



MANAGE ALBUMS



FEEDBACK FORM