VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590014.

MINI PROJECT REPORT

ON

"Movie Database"

Submitted in partial fulfillment for the requirement of V semester for the

Degree of Bachelor of Engineering in

COMPUTER SCIENCE & ENGINEERING

For the academic year 2018-2019

SUBMITTED BY:

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Project Report entitled **"MOVIE DATABASE"** is a bonafide Project work carried out by **LEANDER LEO LAGARDO (1DB16CS072)**, in partial fulfillment of 'V' semester for the Degree of **Bachelor of Engineering in Computer Science and Engineering** of Visvesvaraya Technological University, Belagavi, during the academic year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.

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External Viva

Name of the Examiners	**Signature with Date**
1._____	_____
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DECLARATION

I **LEANDER LEO LAGARDO**, student of fifth semester B.E, Department of Computer Science and Engineering, Don Bosco Institute of Technology, Kumbalagodu, Bengaluru, declare, that the Project Work entitled **"MOVIE DATABASE"** has been carried out by and submitted in partial fulfillment of the requirement of V semester Aug 2018 - Jan 2019. The matter embodied in this report has been submitted to any university or institute for the award of any other degree or diploma.

Place: Bengaluru **LEANDER LEO LAGARDO**

Date: **(1DB16CS072)**

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ABSTRACT

The main aim and objective was to plan and program a web page. We have to apply the best software engineering practice for system application. I developed a “Movie Database” using HTML, CSS, PHP and SQL. If we talk in simple functionality of this project so our basic target is to keep database of movies its cast and other information related to it.

CONTENTS

Chapter 1

INTRODUCTION

We have developed Movie Database to get every information about a movie in a single place. This system is useful in keeping the record of Movies, its cast, directors, etc. The information is maintained by a single person (Admin), hence the data is safe. By using this system a person can get every information about a movie or search a movie according to their choice.

1.1 Aim

The main aim of designing this project is to make a convenient website where a person can find a movie and get information such as its cast, directors, rating, etc.

1.2 Objective

The main objective is to keep the record of Movies, cast, directors, rating, release dates, and many more in a single website.

1.3 Scope

The website "Movie Database" will be used for maintaining the records of movies in an organized manner. Updating and modifications will be easily achievable using this.

1.4 Problem Definition

There are lots of movies in this world with different languages, ratings, genres etc.
It's really difficult to find a movie according to our choice or depending on our mood.

1.5ADVANTAGES/DISADVANTAGES

1.5.1 Advantages

This Project is beneficial for the following

1. User can search any movie or genre of movie as they like.

2. Addition, deletion, modification of records can be done when needed.

3. Instead of going to several websites to find information a user can find everything about a movie in a single website.

4. Manage the entire process.

5. User-friendly error messages are provided wherever necessary.

1.5.2 Disadvantages

1. It's too tiring to give Computerized Timing.

2. Security Limitations.

3. Only a single user (Admin) can modify the data.

1.6 Technology Used: -

Frontend: - HTML, CSS

Backend: - PHP, MySQL

1.7 System Requirements: -

Minimum RAM: -256 MB

Hard Disk: - 40 GB

Processor: - Intel Pentium 4

Operating System: - Windows 10

Chapter 2

OBJECTIVES

- The Admin has complete control as it provides and accept only appropriate and valid data.

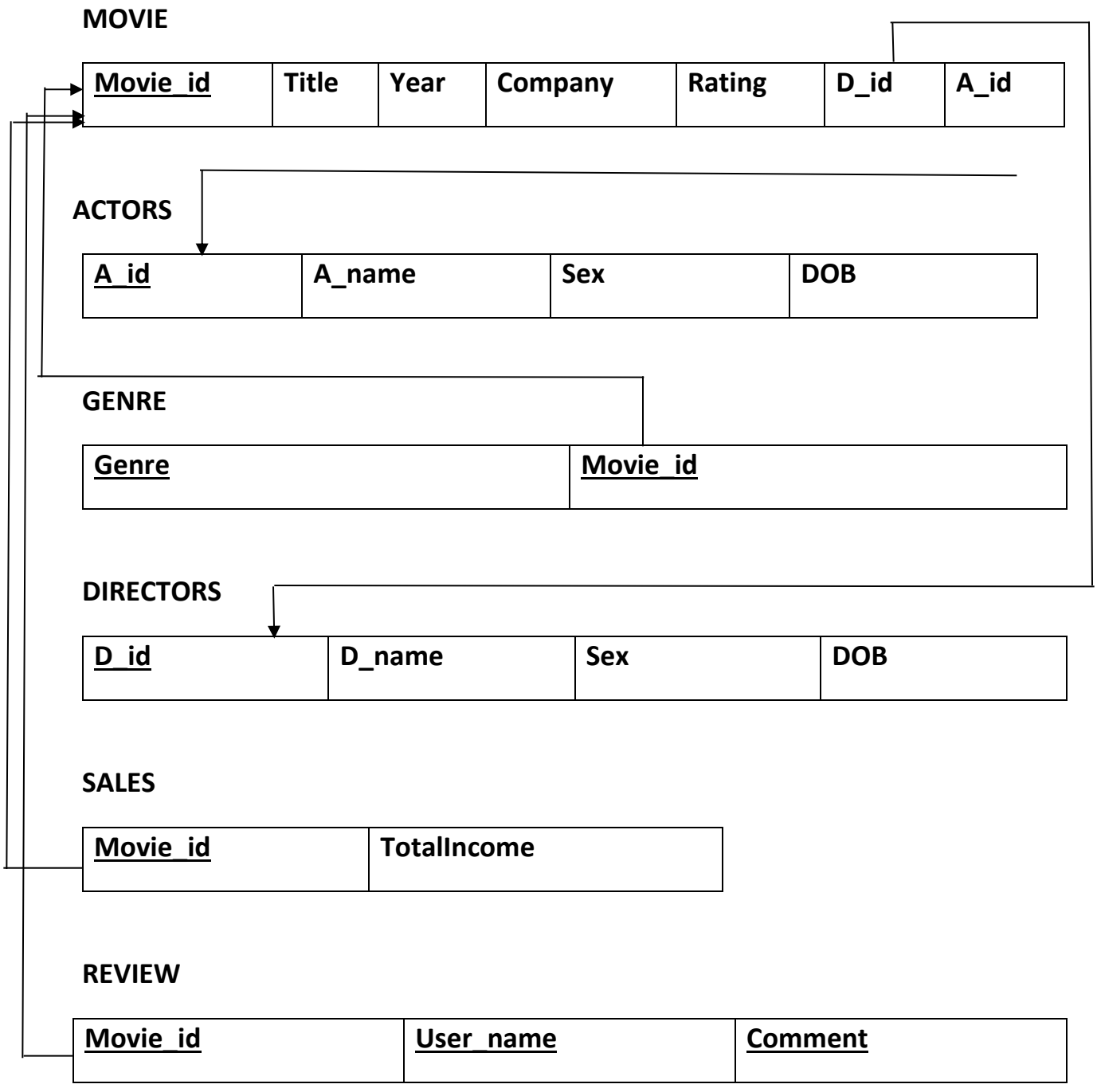
- The basic purpose of designing this project is to keep the record of Movies, cast, directors, rating, release dates, and many more in a single website.

- This project is designed to keep the record of actors, directors and other information related to it.

- It also helps to keep record of these details and enable an interactive way of maintaining and analyzing the data.

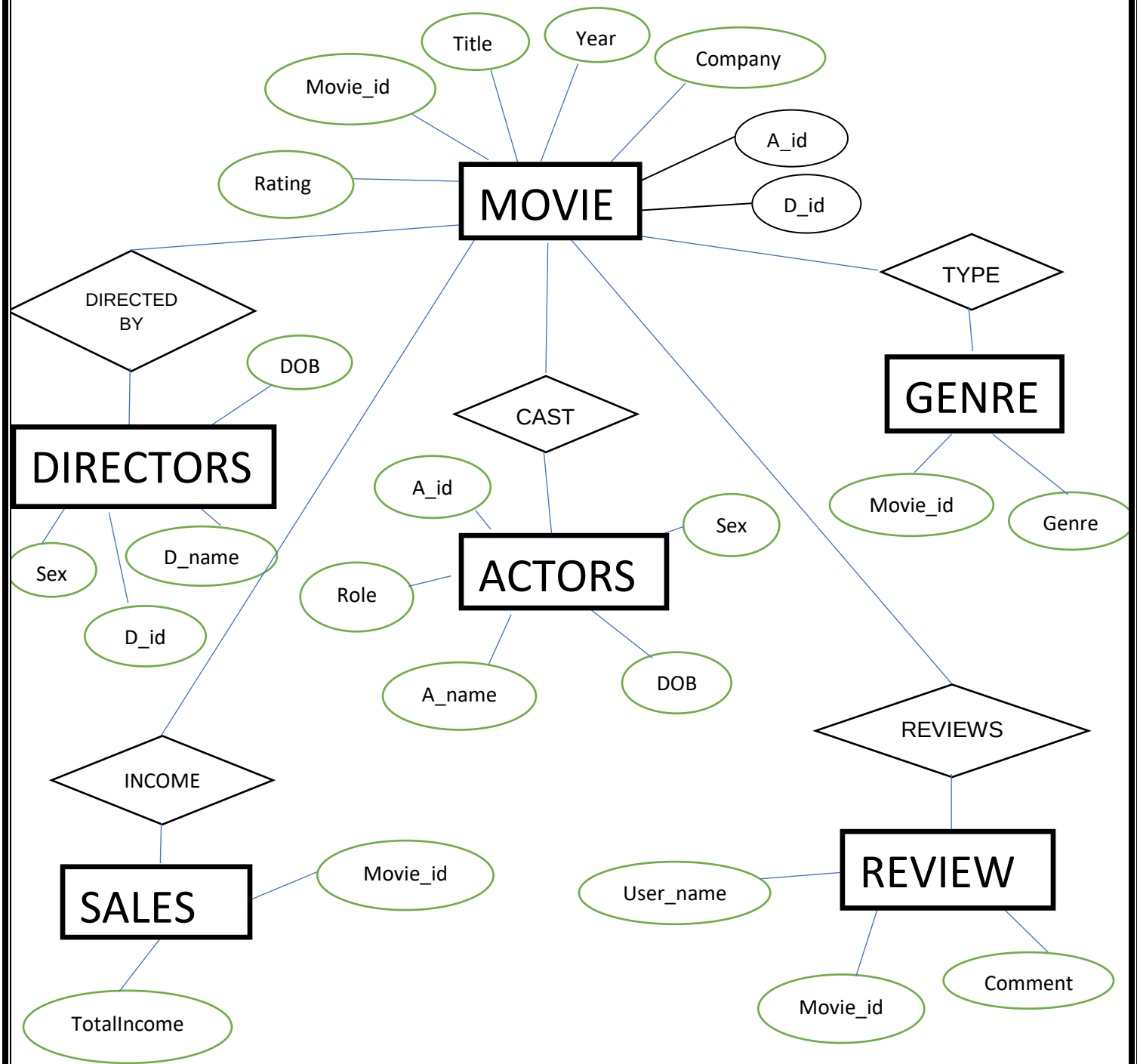
Chapter 3

SCHEMA DIAGRAM



Chapter 4

E-R DIAGRAM



Chapter 5

DATA TABLES

Movie table:

S. No.	Field Name	Data type	Description
1	MOVIE_ID	VARCHAR	Stores the movie id.
2	TITLE	VARCHAR	Stores the name of the movie
3	YEAR	YEAR	Stores the year of release
4	COMPANY	CHAR	Stores the name of the company
5	RATING	FLOAT	Stores the rating of the movie
6	D_ID	VARCHAR	Stores the director id
7	A_ID	VARCHAR	Stores the actor id

Actor table:

S. No	Field Name	Data Type	Description
1	A_ID	VARCHAR	Stores the actor id
2	NAME	CHAR	Stores the actor name
3	ROLE	CHAR	Stores the role played by the actor
4	SEX	CHAR	Stores the gender of the actor
5	DOB	DATE	Stores the date of birth of the actor

Genre table:

S. No.	Field Name	Data type	Description
1	GENRE	CHAR	Stores the genre of the movie
2	MOVIE_ID	VARCHAR	Stores the movie id

Director table:

S. No.	Field Name	Data type	Description
1	D_ID	VARCHAR	Stores the director id.
2	NAME	CHAR	Stores the name of the director
3	SEX	CHAR	Stores the gender of the director
4	DOB	DATE	Stores the date of birth of the director

Sales table:

S.No.	Field Name	Data type	Description
1	MOVIE_ID	VARCHAR	Stores the movie id
2	TOTALINCOME	TEXT	Stores the total income of the movie

Review table:

S.No.	Field Name	Data type	Description
1	MOVIE_ID	VARCHAR	Stores the movie id
2	USER_NAME	VARCHAR	Stores the username
3	COMMENT	TEXT	Stores the comment made by the user

Chapter 6

SOURCE CODES

6.1 INSERT STATEMENTS:

```
<?php
$con = mysqli_connect("localhost","root","","moviedb");
if(mysqli_connect_errno()){
        echo'Failed to connect'.mysqli_connect_error();
}
if (isset($_POST['submit']))
{
// Instructions if $_POST['value'] exist
        $id = mysqli_real_escape_string($con, $_POST['Movie_id']);
        $name = mysqli_real_escape_string($con, $_POST['Title']);
        $year = mysqli_real_escape_string($con, $_POST['Year']);
        $Company = mysqli_real_escape_string($con, $_POST['Company']);
        $Rating = mysqli_real_escape_string($con, $_POST['Rating']);
        $Genre = mysqli_real_escape_string($con, $_POST['Genre']);
        $D_id = mysqli_real_escape_string($con, $_POST['D_id']);
        $A_id = mysqli_real_escape_string($con, $_POST['A_id']);

        $sql = "INSERT INTO movie (Movie_id,Title,Year,Company,Rating,D_id,A_id) VALUES
('$id','$name','$year','$Company','$Rating','$D_id','$A_id')";
        $query=mysqli_query($con,$sql) or die(mysqli_error($con));
        if($query==1){
                $ins = "INSERT INTO genre (Genre,Movie_id) VALUES ('$Genre','$id')";
                $que = mysqli_query($con,$ins) or die(mysqli_error($con));
                        if($query==1){
                                echo "<p style= 'color:#fff; font-size:20px;'>1 row inserted</p>";
```

```
                }
        }
        header("refresh:1 url=viewM.php");
}
?>
```

6.2 DELETE STATEMENT:

```
<?php
$con = mysqli_connect("localhost","root","","moviedb");

if(mysqli_connect_errno()){
        echo'Failed to connect'.mysqli_connect_error();
}
if(isset($_GET['Movie_id']))
{
$Movie_id  = $_GET['Movie_id'];
$sql = "DELETE FROM movie WHERE Movie_id='$Movie_id'";
if(!mysqli_query($con,$sql))
{
        echo "<p style='color:red; font-size:24px;'>Not deleted";
}
        else
        {
                echo "<p style='color:red; font-size:24px;'>row deleted";
                header("refresh:1 url=viewM.php");
        }
}
?>
```

6.3 UPDATE STATEMENTS:

```
<?php
        $con = mysqli_connect("localhost","root","","moviedb");
```

```
//test

if(mysqli_connect_errno()){

        echo'Failed to connect'.mysqli_connect_error();

}

if (isset($_POST['submit'])) {

   $id = mysqli_real_escape_string($con, $_POST['Movie_id']);

        $name = mysqli_real_escape_string($con, $_POST['Title']);

        $year = mysqli_real_escape_string($con, $_POST['Year']);

        $Company = mysqli_real_escape_string($con, $_POST['Company']);

        $Rating = mysqli_real_escape_string($con, $_POST['Rating']);


        $D_id = mysqli_real_escape_string($con, $_POST['D_id']);

        $A_id = mysqli_real_escape_string($con, $_POST['A_id']);


        $sql = "UPDATE movie SET

        Title = '$name',

        Year= '$year',

        Company= '$Company',

        Rating= '$Rating',

        D_id= '$D_id',

        A_id= '$A_id'

        WHERE Movie_id= '$id'";


        if(!mysqli_query($con,$sql)){

                echo "Not updated";

        }

        else{

                echo "<p style= 'color:#fff; font-size:20px;'>Values Updated</p>";

                header("refresh:2 url=viewM.php");

        }
```

```
}

?>
```

6.4 VIEW STATEMENTS

```
<?php

$servername = "localhost";

$username ="root";

$password = "";

$db = "moviedb";

// Create connection

$conn = new mysqli($servername, $username, $password, $db);



$sql = "CALL `getMovie`()";

$result = $conn->query($sql);

if ($result->num_rows > 0) {

        while($row = $result->fetch_assoc()) {

        echo"<tr><td>$row[Movie_id]</td><td>

        <a href='cast.php?Movie_id=$row[Movie_id]&A_id=$row[A_id]&D_id=$row[D_id]'><span style='color:#EFEBEB; text-decoration:none;'>$row[Title]</span></a>

        </td><td>$row[Year]</td><td>$row[Company]</td><td>$row[Rating]</td><td><a href='editM.php?Movie_id=$row[Movie_id]&Title=$row[Title]&Year=$row[Year]&Company=$row[Company]&Rating=$row[Rating]&D_id=$row[D_id]&A_id=$row[A_id]'><button class='btn'><i class='fa fa-cog fa-spin'></i> Edit</button></a><a href='deleteM.php?Movie_id=$row[Movie_id]'><button class='btn'><i class='fa fa-trash'></i> Delete</button></a><a href='comment.php?Movie_id=$row[Movie_id]'><button class='btn'><i class='fa fa-comment'></i> Comment</button></a></td></tr>";

   }

} else {

echo "0 results";

}

$conn->close();

?>
```

Chapter 7

SNAPSHOTS

7.1 Login Page:

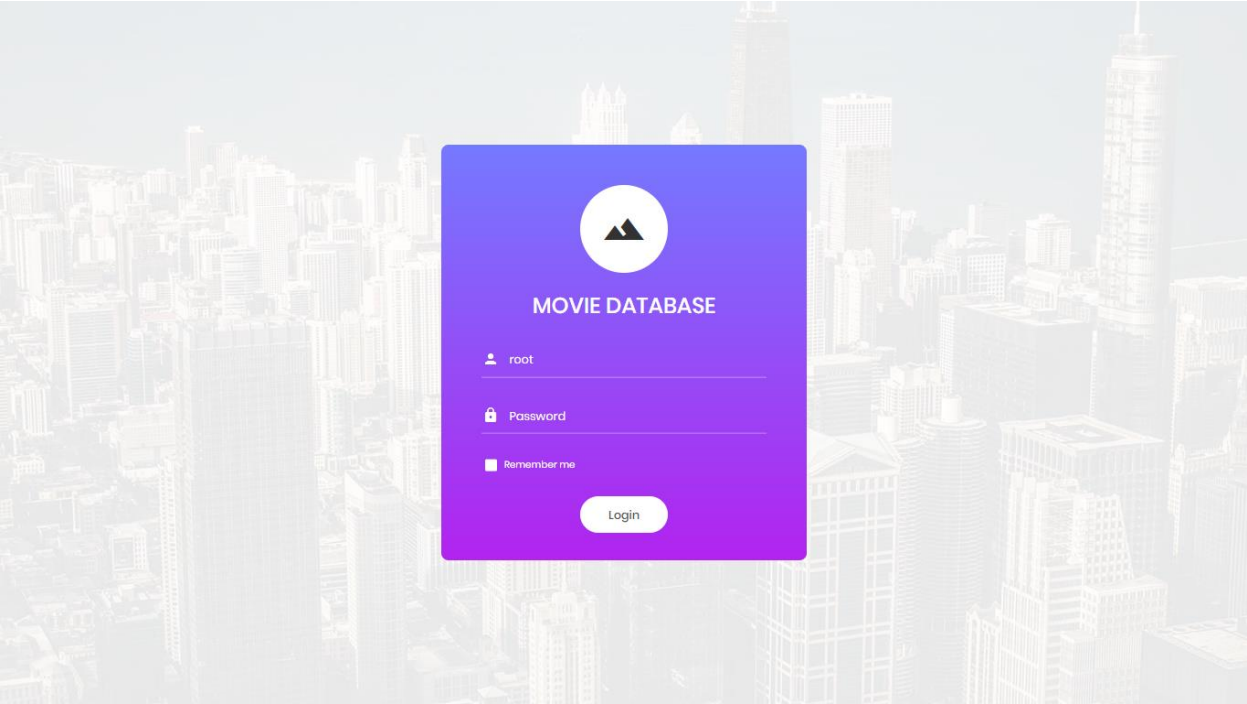


Fig 7.1: Login page

Admin need to enter user name and password and press login if username and password correct then admin will be switched on to next page if incorrect password then he is not able to open the next page.

7.2 Home page:

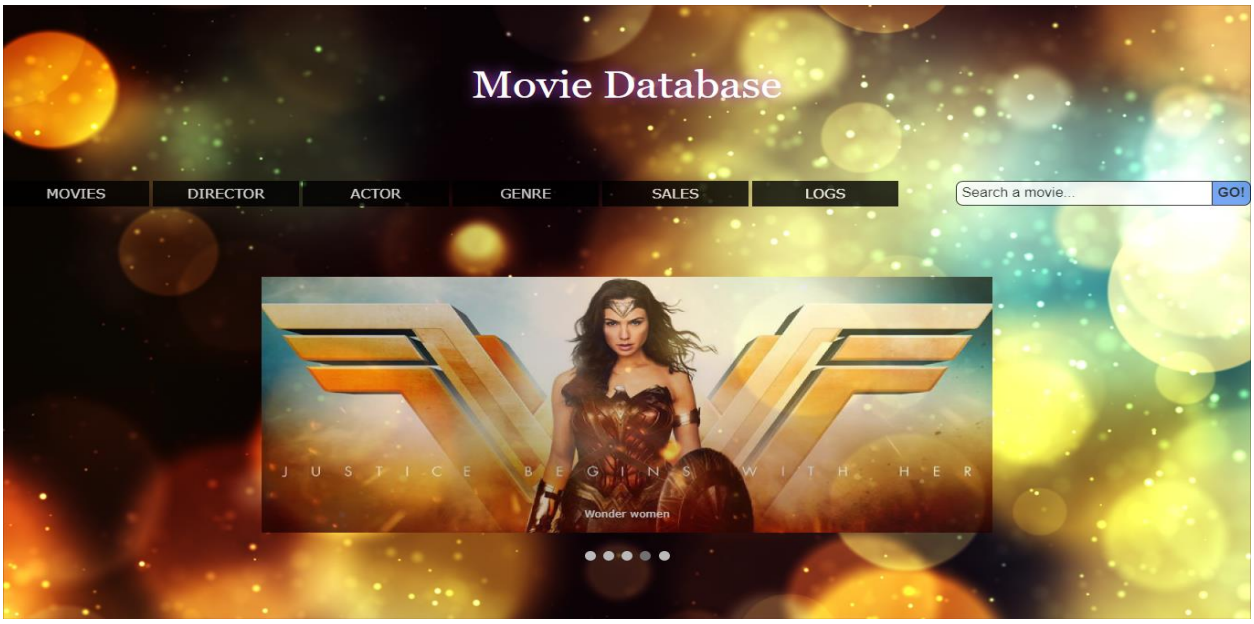


Figure 7.2

7.5 Insert Page:

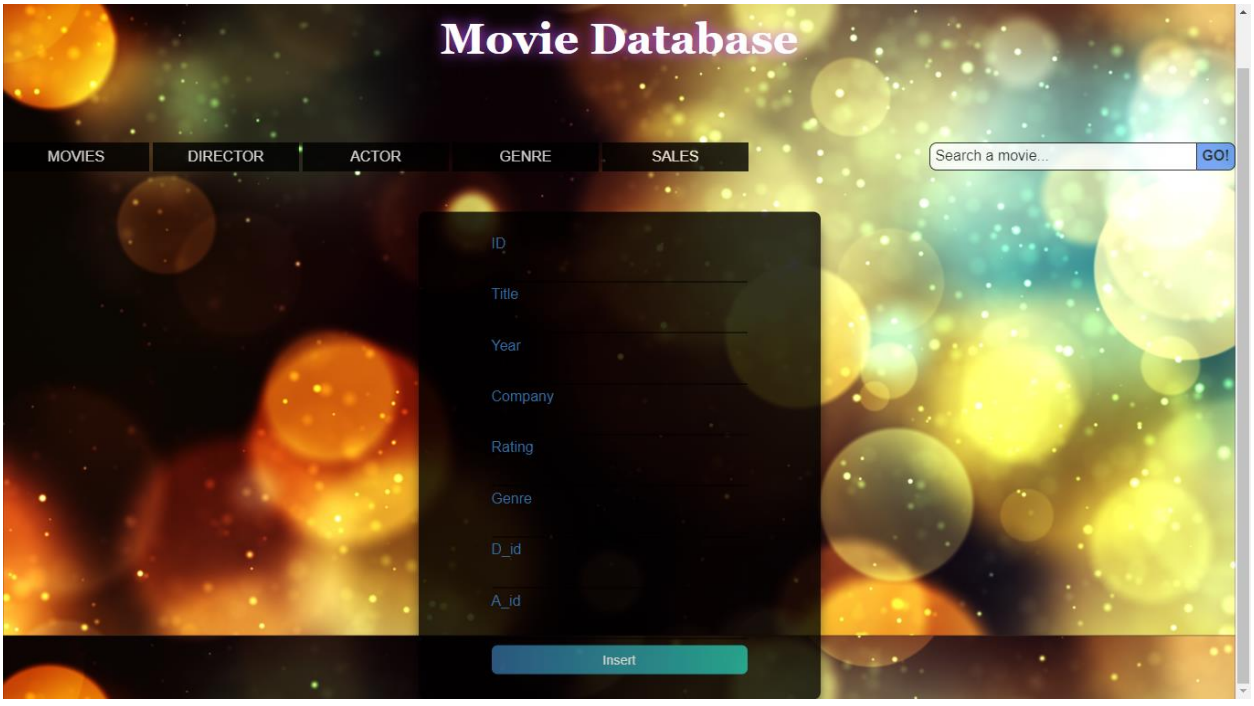


Figure 7.5

7.3 Logs page:

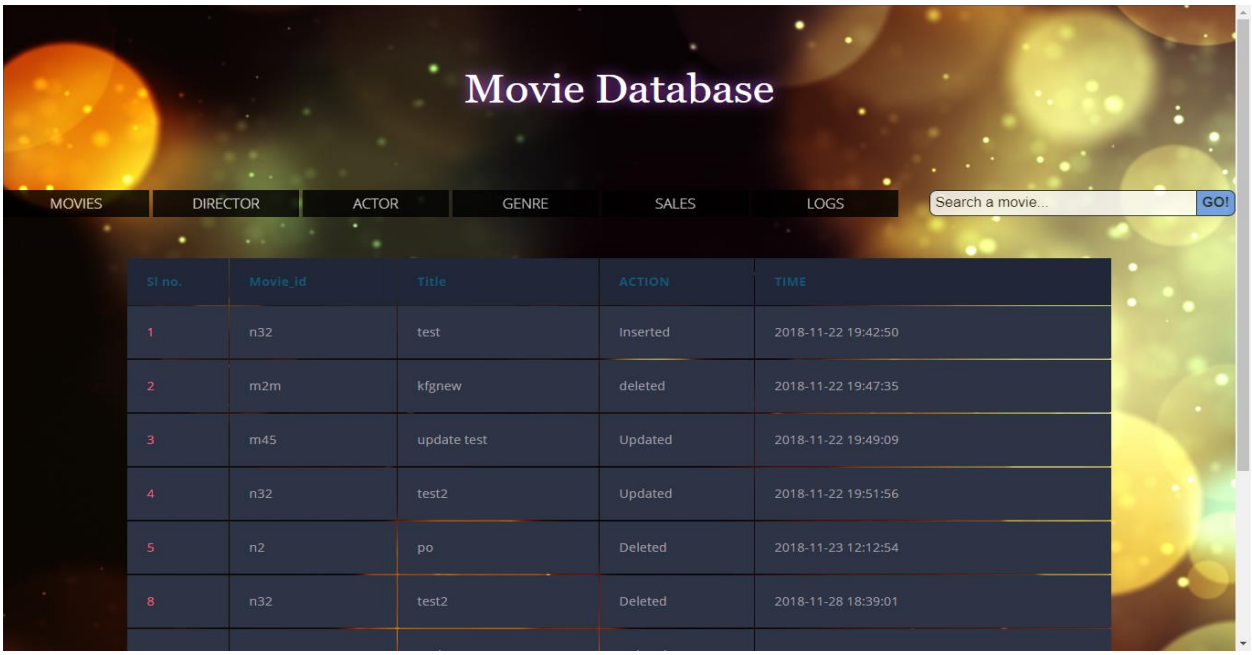


Figure 7.3

This page stores the information about all the operations done on the movie table. The operations that can be performed by the Admin are insert, delete, update and view.

7.4 Genre page:

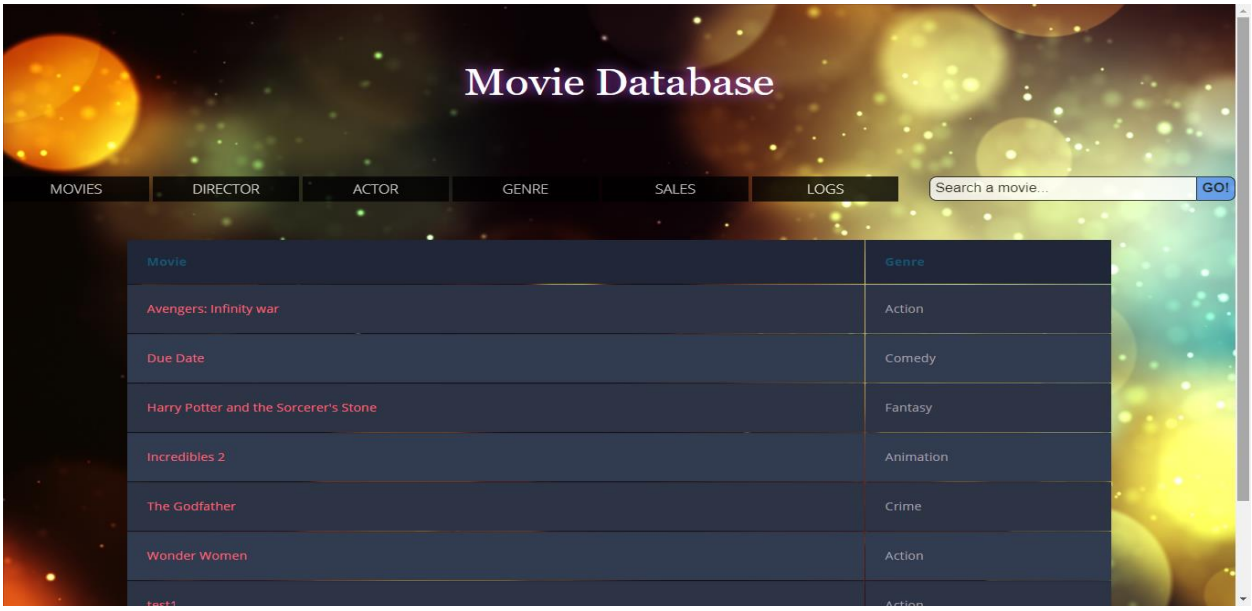
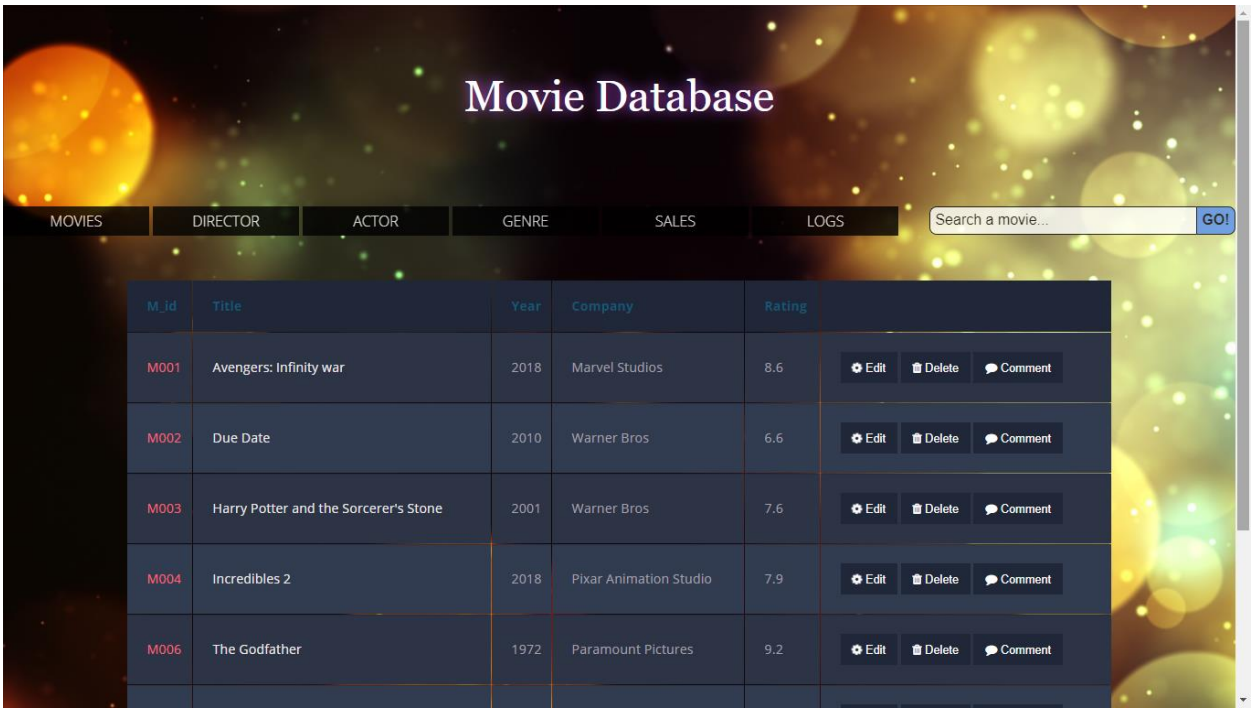


Figure 7.4

7.5 View page:


Movie Database
MOVIES
DIRECTOR
ACTOR
GENRE
SALES
LOGS
Search a movie...
GO!
M_id
Title
Year
Company
Rating
M001
Avengers: Infinity war
2018
Marvel Studios
8.6
Edit
Delete
Comment
M002
Due Date
2010
Warner Bros
6.6
Edit
Delete
Comment
M003
Harry Potter and the Sorcerer's Stone
2001
Warner Bros
7.6
Edit
Delete
Comment
M004
Incredibles 2
2018
Pixar Animation Studio
7.9
Edit
Delete
Comment
M006
The Godfather
1972
Paramount Pictures
9.2
Edit
Delete
Comment

Conclusion

The Project “Movie Database” is designed for users to find interesting movies easily. Allows the user to search movies by typing in the key word of the movie. Allows the user to search movies by typing in the name of director. Allows the user to search movies by typing in the name of an actor. Allows the user to search movies by typing in the movie's name. Helps inform the user about popular movies ·Shows the rating for each movie and also offer a brief description of each movie.

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