

REPORT

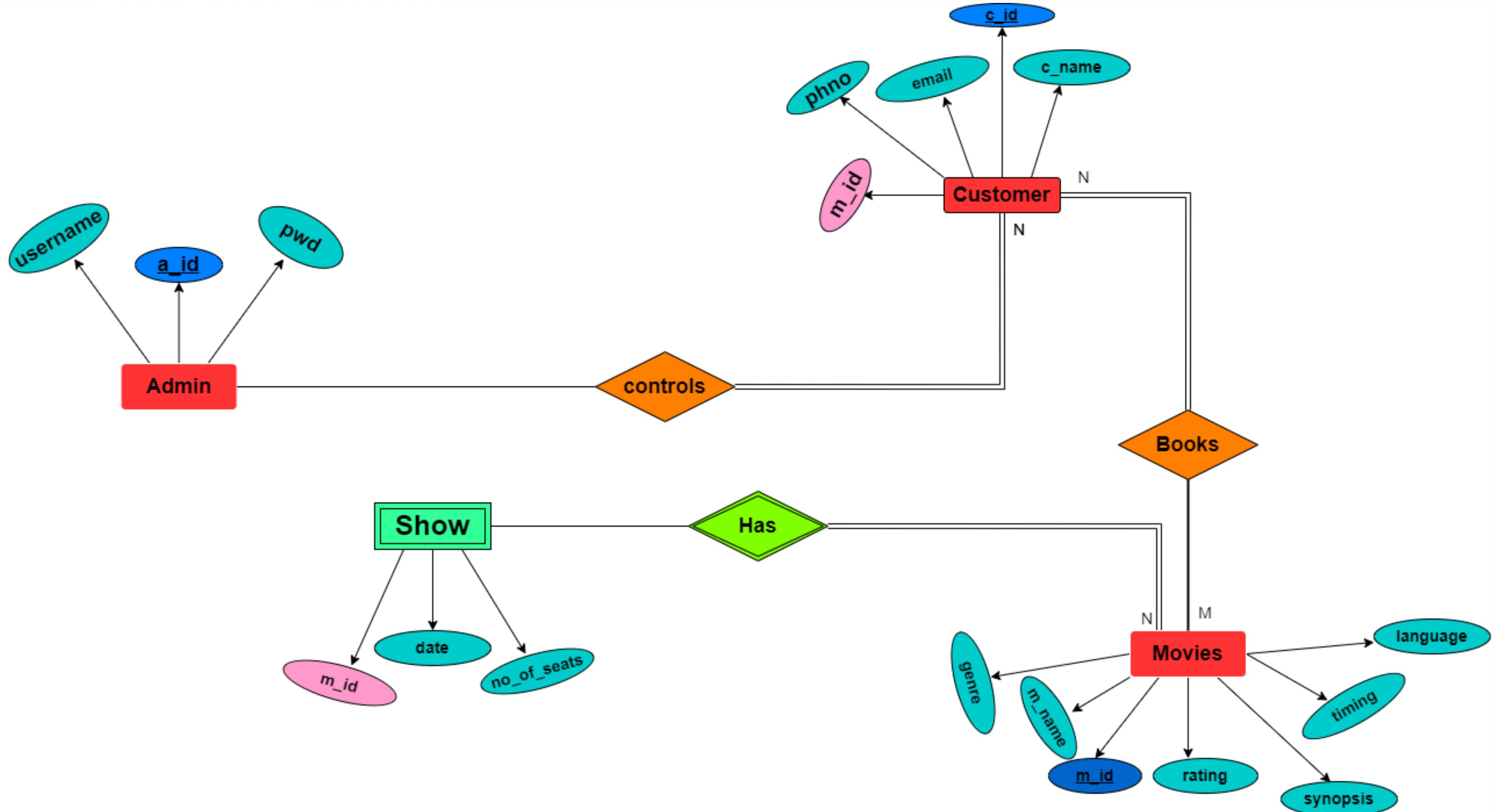
19CSE202

- Team no: 14
- Members in our project:
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- Project Title : *DataBase Management System on
Theatre Management*

Abstract

- In this project we will try to bring forward a platform which will show the user the available movies and further information related to it like genre, ratings, language, synopsis etc.
- The viewers can then book their seats according to their preferences through this very platform for a specified movie.
- On the theater employee's side, we would incorporate a feature to delete and insert movies from the movies list and seats available.
- This project will contain various tables for its functioning as described above. Some tables to take into major consideration will be Movies table, Shows table, Admin table and Customer table.

ER DIAGRAM



Tables to be Created:

- **Customer(c_id PK, c_name, email, phno, m_id FK)**
- **Admin(a_id PK, username, pwd)**
- **Show(m_id, date, seats)**
- **Movies(m_id PK, m_name, rating, synopsis, language, genre)**

- **Customer(c_id PK, c_name, email, phno, m_id FK)**
- **Admin(a_id PK, username, pwd)**

```
CREATE TABLE `customer` (
  `c_id` int(11) NOT NULL
  AUTO_INCREMENT,
  `c_name` varchar(50) NOT NULL,
  `email` varchar(50) NOT NULL,
  `phno` varchar(10) NOT NULL,
  `m_id` varchar(100) NOT NULL,
  UNIQUE KEY `c_id`(`c_id`),
  UNIQUE KEY `c_id_2`(`c_id`))
ENGINE=InnoDB AUTO_INCREMENT=14
DEFAULT CHARSET=utf8mb4;
```

```
CREATE TABLE `admin` (
  `adno` int(11) NOT NULL,
  `username` varchar(25) NOT NULL,
  `pwd` varchar(25) NOT NULL,
  PRIMARY KEY (`adno`)
) ENGINE=InnoDB DEFAULT
CHARSET=utf8mb4;
```

- **Movies(m_id PK, m_name, rating, synopsis, language, genre)**

```
CREATE TABLE `movies` (
  `m_id` varchar(10) NOT NULL,
  `m_name` varchar(50) NOT NULL,
  `genre` varchar(100) DEFAULT NULL,
  `imdb_rating` decimal(10,1) DEFAULT NULL,
  `synopsis` varchar(500) DEFAULT NULL,
  `lang` varchar(10) NOT NULL DEFAULT
  'Hindi', PRIMARY KEY (`m_id`), UNIQUE
  KEY `m_id` (`m_id`), KEY `m_id_2` (`m_id`)
) ENGINE=InnoDB DEFAULT
CHARSET=utf8mb4;
```

- **Show(m_id, date, no_of_seats)**

```
CREATE TABLE `shows` (
  `m_id` varchar(10) NOT NULL,
  `date` date NOT NULL,
  `seats` int(11) NOT NULL DEFAULT 100
) ENGINE=InnoDB DEFAULT
CHARSET=utf8mb4;
```

SCHEMA

m_name	varchar(20)		
genre	varchar(20)		
imdb_rating	varchar(20)		
synopsis	varchar(20)		
lang	varchar(20)		
Add field			

Admin				
	a_id	integer		
	username	varchar(20)		
	pwd	varchar(20)		
Add field				

Click "Add Field" at the bottom of the table to add a new field. The new field will be added as the last field to the table. You can change order of the fields by dragging the small up-down icon.

Right click on the table to delete or clone the table and to change table color.

show				
	m_id	integer		
	date	date		
	no_of_seats	integer		
Add field				

Creating Relationships

To create a relation between two tables, you need to add a "Foreign Key" to a table. When adding a new field click on "Foreign Key" and select the "Referenced Table" and "Referenced Field"

Customer				
	c_id	integer		
	c_name	varchar(20)		
	email	varchar(20)		

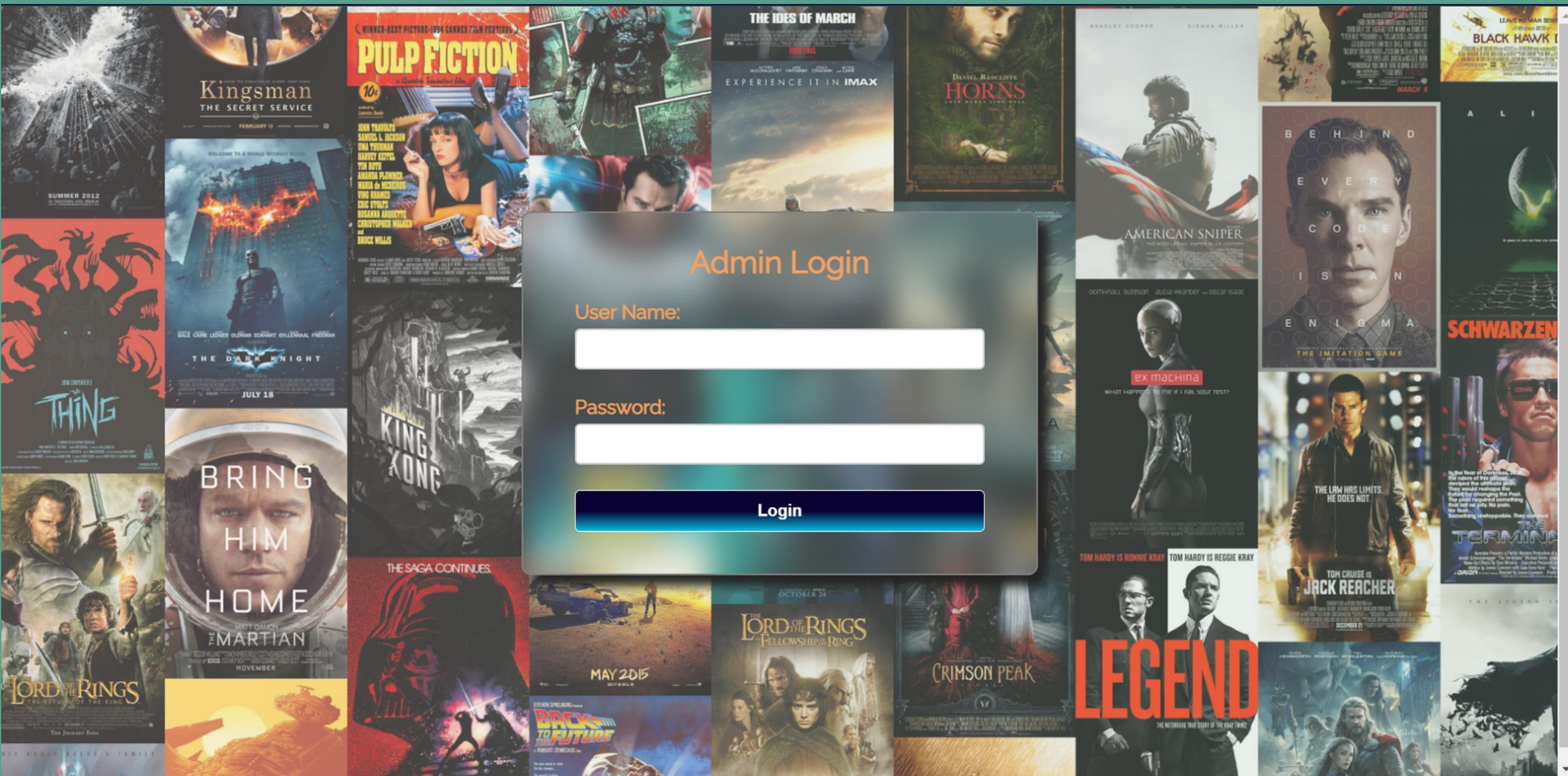
Module Explanation

Admin Page

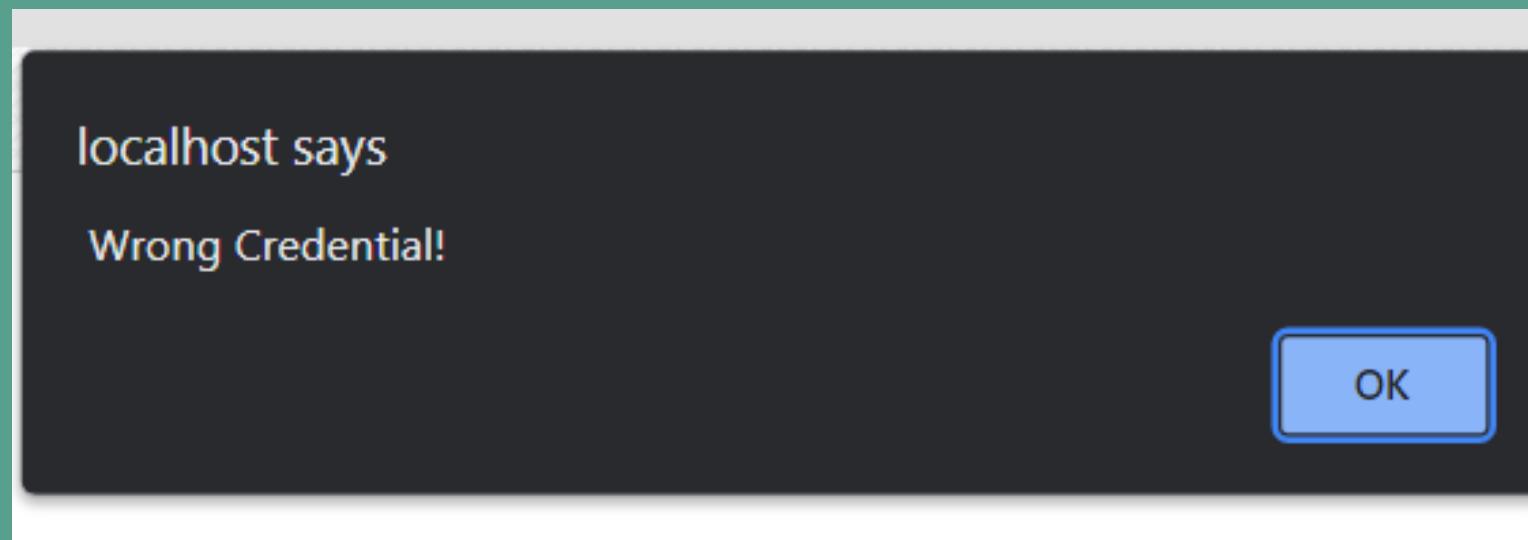
Movies

Customer Login

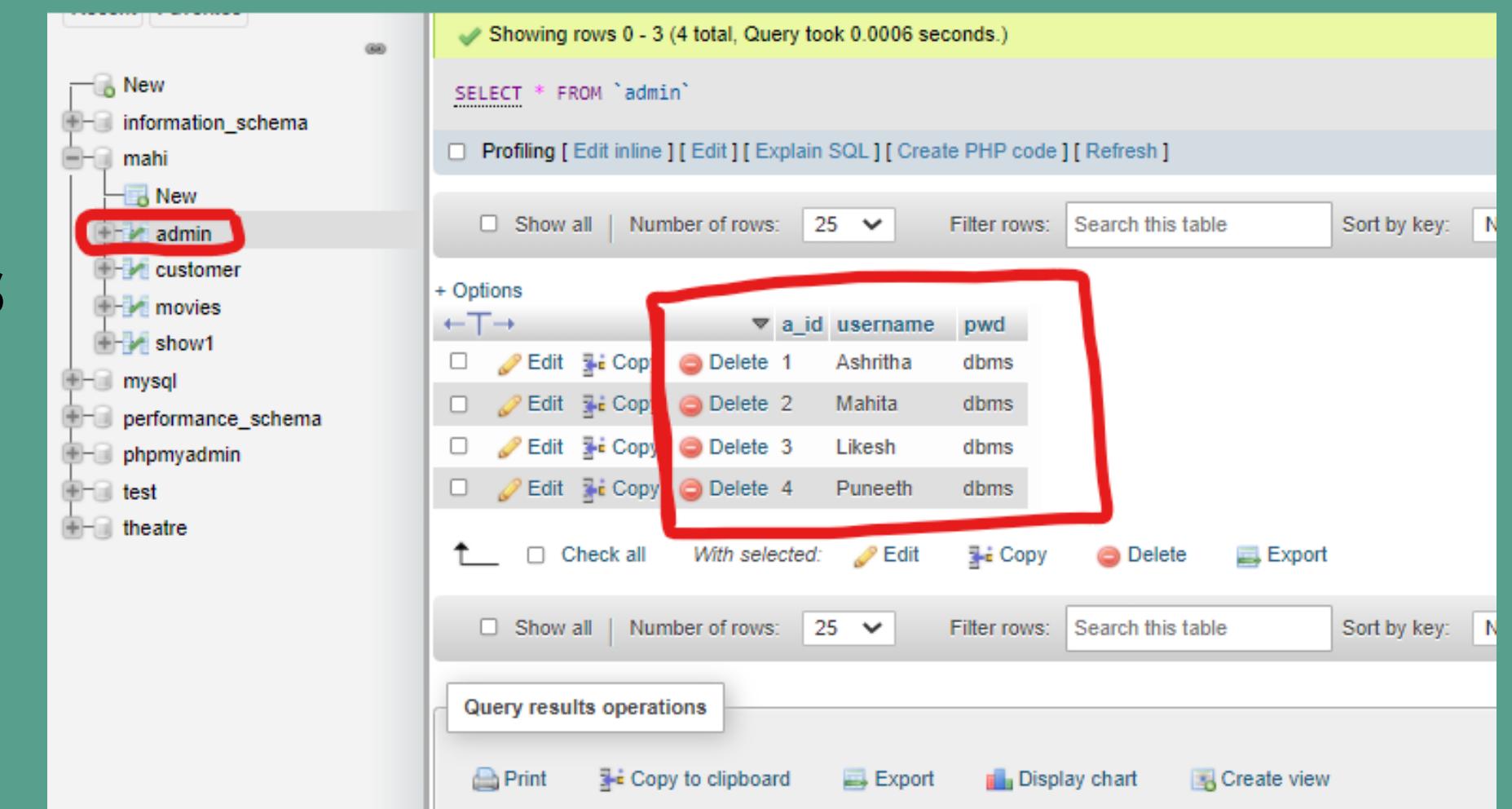
- In the very start page, you can see the title name along with these buttons
- After, clicking on Admin Page, you can see like this



- It only takes the details of the users, if you keep the wrong details, an error message will be popped up



- We have created admin table, so, if we give anyother credentials otherthan these, it gives an error message.



a_id	username	pwd
1	Ashritha	dbms
2	Mahita	dbms
3	Likesh	dbms
4	Puneeth	dbms

**ADMIN
LOGIN
PAGE**

- After, logging in, we will be directed to the Moderator's Page in which we will be given three options:
 - **View Movie List Currently Playing** - Displays the list of movies that are playing(**Backend - phpmyadmin**)
 - **Insert New Movie** - Inserts new movie with all the contents of the Movies table(**Backend - phpmyadmin**)
 - **Delete Movie Playing** - Deletes the movie in the theatre(**Backend - phpmyadmin**)

- After selecting first option, we will be redirected to a page where the details of the currently playing movies is displayed

The screenshot shows a website for 'ABCD Theater'. The header is orange with the logo 'ABCD Theater' on the left and navigation links 'Movies', 'About Us', and 'Back To Admin Page' on the right. Below the header, a large white box contains the heading 'Currently Playing Movies' in bold. Inside this box is a table with five columns: 'Movie Id', 'Movie Name', 'Language', 'Synopsis', and 'Genre'. There are two rows of data in the table.

Movie Id	Movie Name	Language	Synopsis	Genre
1	Tadap	Hindi	Hero takes revenge on Heroine	Romance
2	Akhanda	Telugu	Balakrishna plays a fierce devotee of Lord Shiva, who stands tall against evildoers.	Action

- That is actually the data which was inserted before

Now, to insert a new movie, click on the second option in the Moderator's page

ABCD Theater

Movies About Us Back To Admin Page

Insert New Movie Info

Movie ID:	4	Movie Name:	
Genre:	Romance, Thriller	Ratings:	9
Synopsis:	This story depicts the nativity of village 2		
	Language: Spanish		

Login

- After inserting the details, it gets stored in the backend i.e., in the movies table

The screenshot shows the phpMyAdmin interface with the 'movies' table selected. The table structure is as follows:

	m_id	m_name	genre	imdb_rating	synopsis	lang
1	Tadap	Romance	8	Hero takes revenge on Heroine	Hindi	
2	Akhanda	Action	8	Balakrishna plays a fierce devotee of Lord Shiva, ...	Telugu	
4		Romance,Thriller	9	This story depicts te nativity of village	Spanish	

Below the table, there are buttons for Edit, Copy, Delete, and Export. The 'Edit' button is highlighted.

Here, the SQL command used is

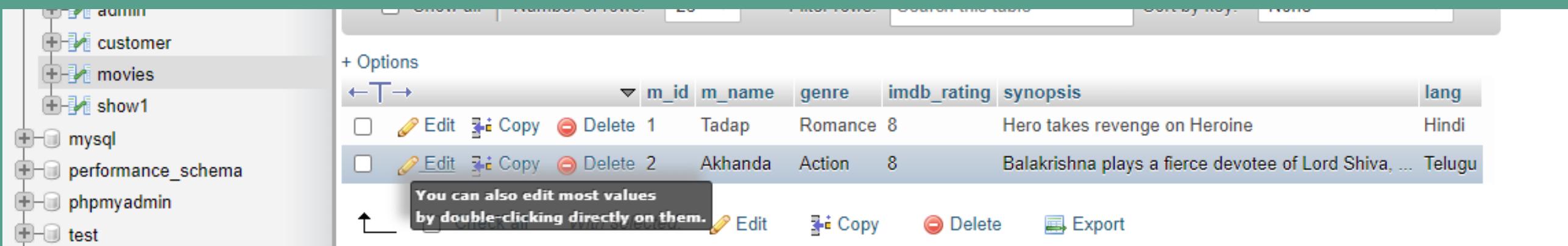
```
$sql="INSERT INTO `movies` (`m_id`, `m_name`, `genre`,  
`imdb_rating`, `synopsis`, `lang`) VALUES ('$m1', '$mname',  
'$gen', '$rat', '$syn', '$lang')";
```

Currently Playing Movies					
Movie Id	Movie Name	Language	Synopsis	Genre	
1	Tadap	Hindi	Hero takes revenge on Heroine	Romance	
2	Akhanda	Telugu	Balakrishna plays a fierce devotee of Lord Shiva, who stands tall against evildoers.	Action	
4		Spanish	This story depicts the nativity of village	Romance, Thriller	

Enter Movie Id Of Movie To Be Deleted : 4

- For deleting a movie which is playing, we click on 3rd option

- Here, the tuple/record with m_id=4 gets deleted, and the SQL query is `$sql = "DELETE FROM `movies` WHERE `movies`.`m_id` = '$m';"`



The screenshot shows the MySQL Workbench interface. On the left, the database structure is displayed with the 'movies' table selected. The main pane shows the data in the 'movies' table:

	m_id	m_name	genre	imdb_rating	synopsis	lang
<input type="checkbox"/>	1	Tadap	Romance	8	Hero takes revenge on Heroine	Hindi
<input type="checkbox"/>	2	Akhanda	Action	8	Balakrishna plays a fierce devotee of Lord Shiva, ...	Telugu

A tooltip at the bottom of the table says: "You can also edit most values by double-clicking directly on them."

MOVIES PAGE

- After clicking on movies button in the cover page, this page gets displayed

Akhanda

Genre : Action , Drama , Adventure , Fantasy
Imdb_rating : 7.8/10
Actors : Balakrishna , Pragya Jaiswal


[BOOK TICKET](#)

Antim

Genre : Action , Drama , Adventure , Thriller
Imdb_rating : 7.2/10
Actors : Salman khan , Mahima Makwan


[BOOK TICKET](#)

Dune

Genre : Action , Science Fiction , Adventure , Drama , Fantasy
Imdb_rating : 8.1/10
Actors : Timothee Chalamet , Rebecca Ferguson


[BOOK TICKET](#)

Eternals

Genre : Action , Science Fiction , Adventure , Drama , Fantasy , superhero
Imdb_rating : 6.8/10
Actors : Gemma Chan , Richard Madden


[BOOK TICKET](#)

Sooryavanshi

Genre : Action , Drama , Adventure , Thriller

Spider-man no way home

Genre : Action , Adventure , Thriller

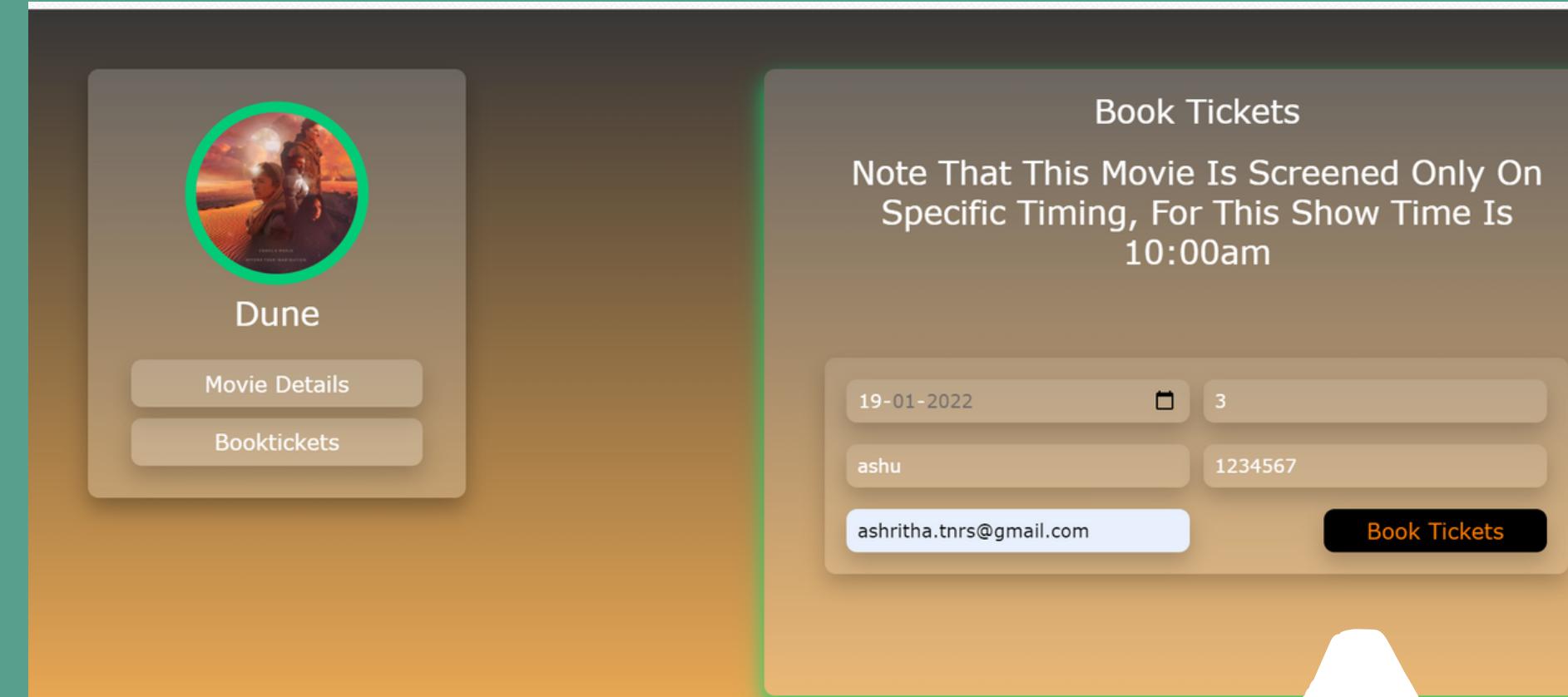
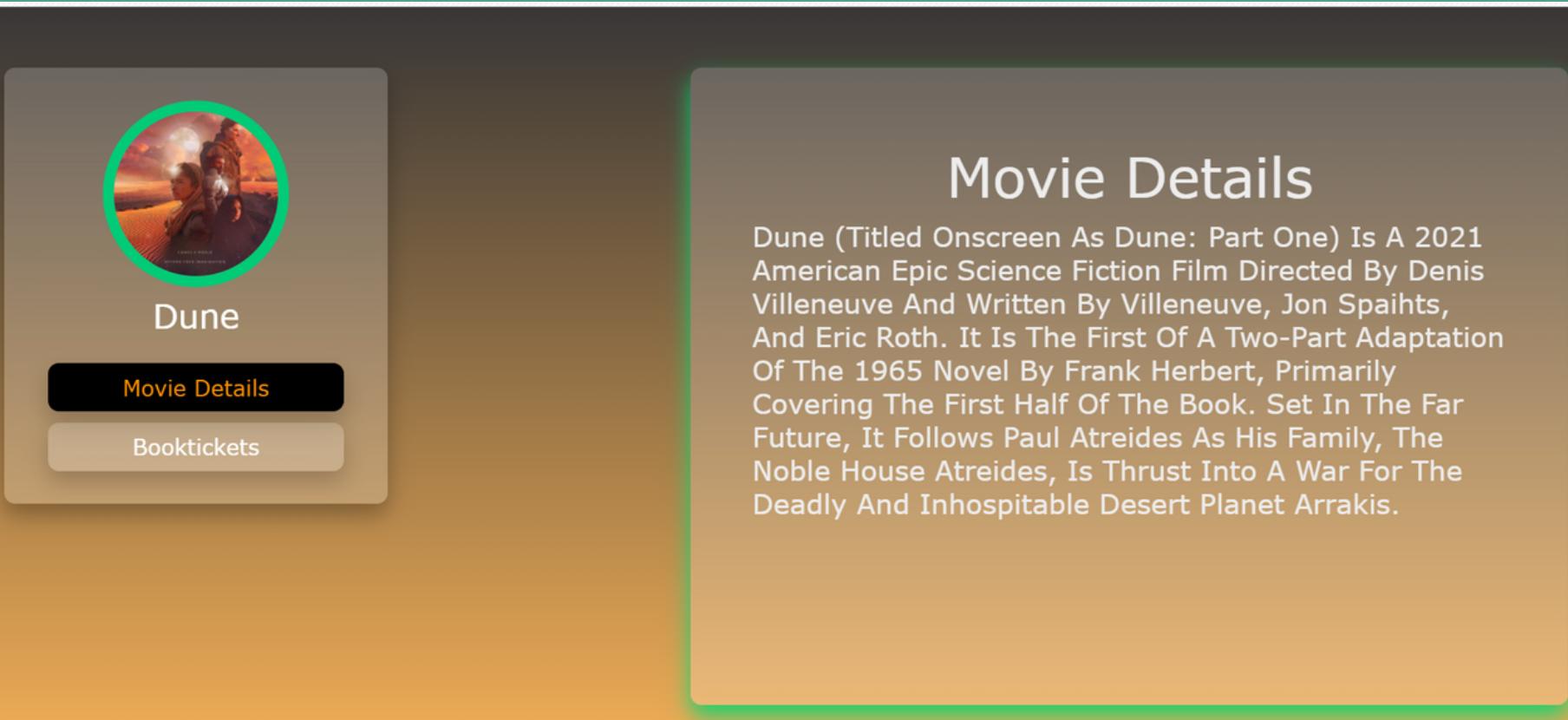
Iakshya

Genre : sport , drama , sports

Code-Name-Abdul

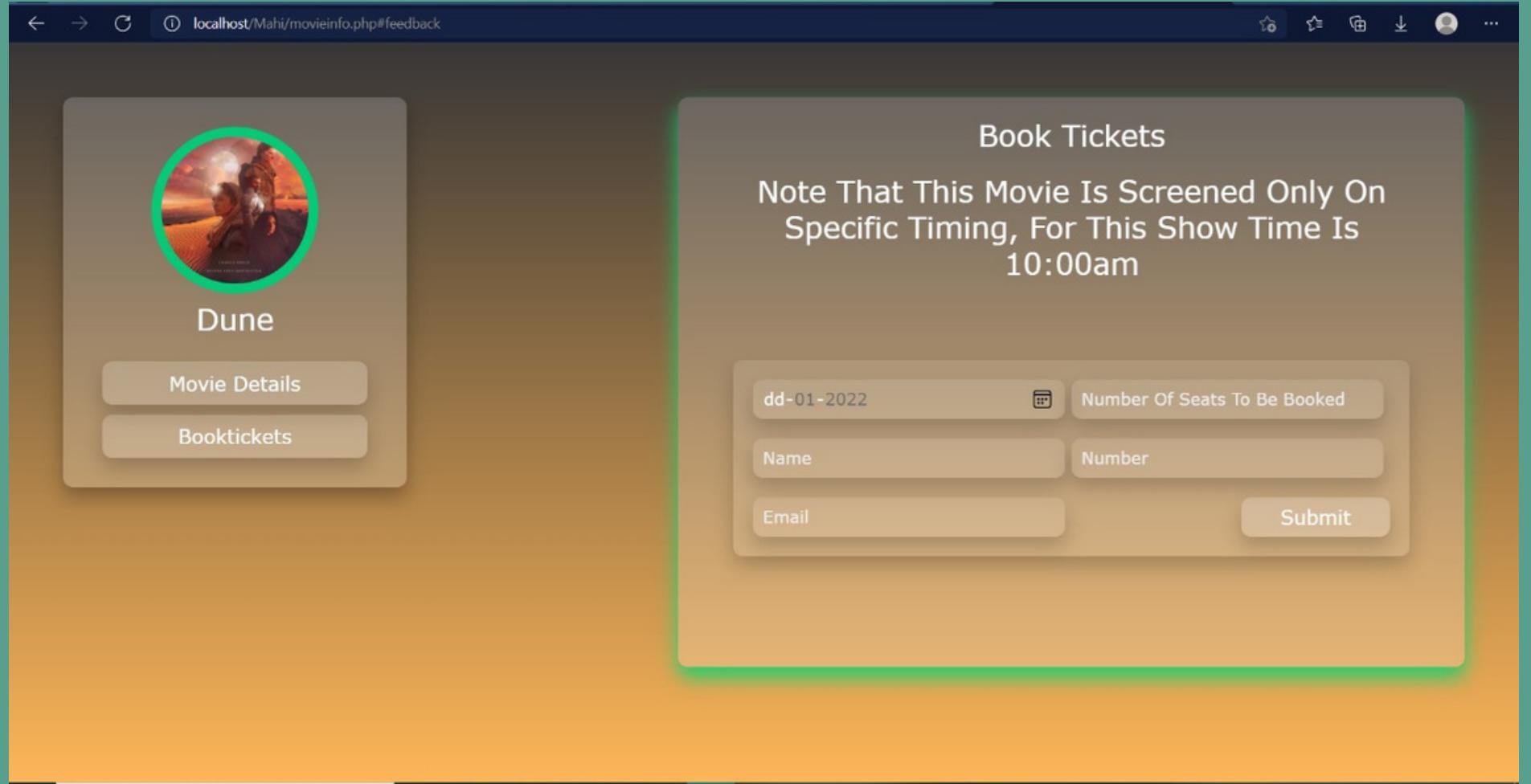
Genre : Thriller

- After clicking on **BOOK TICKTS**



- After clicking on Book tickets, these details will be transferred to the customer's table in the backend

CUSTOMER LOGIN PAGE



- for booking the movie ticket you need to enter the details of the movie and your contact details similar to the picture shown here

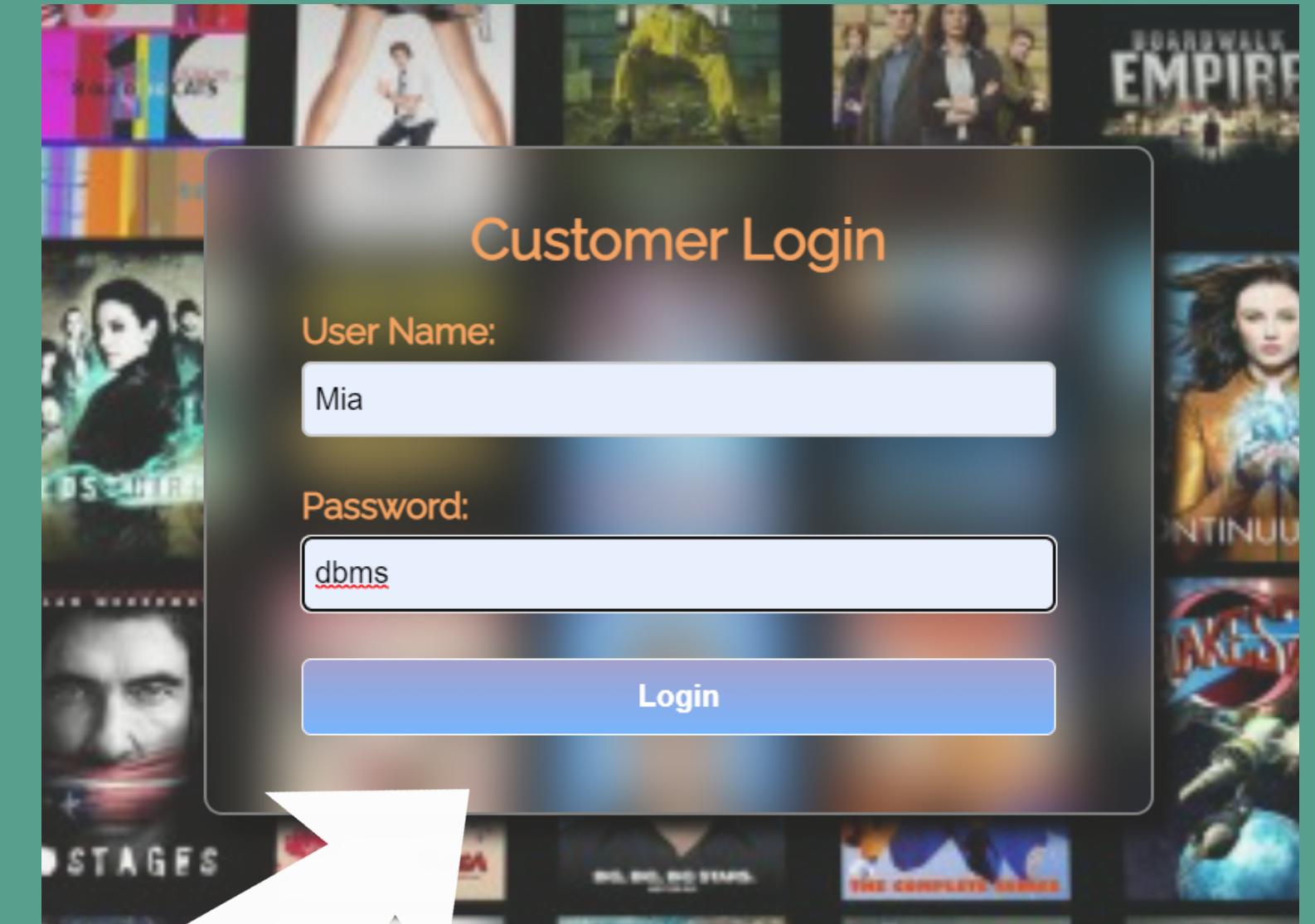


- after clicking on the submit button you can observe the changes made in database of the website

The screenshot shows the phpMyAdmin interface connected to 'Server 127.0.0.1', 'Database: mahi', and 'Table: shows'. The sidebar shows databases like 'information_schema', 'mahi', 'mysql', etc., and tables like 'admin', 'customer', 'movies', 'shows', etc. The 'shows' table is selected, displaying the following data:

m_id	date	seats
E001	2022-01-17	92
E001	2022-01-18	100
E001	2022-01-19	100

- After logging in with your login details, it takes you to the page where it shows about the movies that you booked, or else it shows no results found



The header features a dark blue bar at the top left with the text "ABCD Theater". To its right is an orange bar containing three white links: "Movies", "About Us", and "Back To Customer Page". Below this is a large black rectangular area. At the bottom of the page is a white footer bar with a dark blue border.

Movie You Booked

Name : Mia

Phone Number : dbms

Movie Name	Ratings	Language	Synopsis	Genre
Tadap	8	Hindi	Hero takes revenge on Heroine	Romance

- *Backend phpmyadmin customer's table*

The screenshot shows the phpMyAdmin interface with the 'customer' database selected in the left sidebar. The main area displays the 'customer' table with three rows of data.

Table Structure:

c_id	c_name	email	phno	m_id
1	Anu	Anu@gmail.com	123456	2
2	Mia	Mia@gamil.com	999999999999	1
3	Nancy	N@gamil.com	222222222222	1

Table Options:

- Show all
- Number of rows: 25
- Filter rows: Search this table
- Sort by

Left Sidebar:

- admin
- customer** (selected)
- movies
- show1
- mysql
- performance_schema
- phpmyadmin
- test

Software used front end :

- On the front-end part we used HTML, CSS and JavaScript.

Software used for back end :

- We used PHP, starUML and MySQL

Thank
you!