

Course Teacher: Golam Rabbany

Course Title: Software Project VI

Course Code: CSE336

Subject: Submission of Application Agreement for Movious Movie Website.

Dear Sir,

As students, we recognize the importance of delivering a client-focused application that blends technical expertise with effective communication. Our team is dedicated to ensuring both by prioritizing high-quality development and clear collaboration. We also understand that each client's needs are unique, and our goal is to provide innovative, tailored, and cost-effective solutions. Additionally, we strive to deliver projects within the agreed timeline and budget.

Based on your requirements, we have developed the Movious Movie Website System. This document includes a detailed overview of all the features and functionalities we propose. Kindly review it carefully, and if it aligns with your expectations, we request you to sign and approve the agreement.

Sincerely,

Md. Mezbaul Haque

ID: 213-15-4512

Section: 60\_E

Daffodil International University

# **Software Requirements Specification (SRS)**

## **For MoviOus - Movie Website**

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### **1. Project Overview**

#### **1.1 Purpose**

The purpose of this document is to define the requirements and functionalities for MoviOus, a dynamic movie website. This document will serve as a blueprint for developers, testers, and stakeholders to understand the system's scope, objectives, and technical requirements.

#### **1.2 Scope**

MoviOus is an interactive platform that allows users to browse, search, and view movies and series. The platform caters to casual visitors as well as registered members, providing personalized features like profiles and a "watch now" option. Future enhancements include admin functionalities and premium features.

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### **2. Overall Description**

#### **2.1 Product Perspective**

MoviOus is a standalone web-based application that integrates with a backend database to provide dynamic content. It is hosted locally or on a cloud server and is accessible via any modern web browser.

#### **2.2 Product Features**

- Dynamic display of movie categories (Anime, Popular, Trends, New Releases).
- User authentication for secure login and registration.
- Real-time search functionality with autocomplete suggestions.
- Profile management for registered users.

- "Watch Now" functionality for seamless streaming access.

## 2.3 User Classes and Characteristics

- **Casual Users:** Visitors who can browse movies and search without creating an account.
- **Registered Users:** Users with an account who can personalize their experience.
- **Administrators (Future Development):** Manage content and monitor user activity.

## 2.4 Operating Environment

- Frontend Technologies: HTML5, CSS3, JavaScript
  - Backend Technologies: PHP
  - Database: MySQL
  - Development Environment: XAMPP for local development
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## 3. User Features in Detail

### 3.1 Home Page Features:

- Dynamic display of movie categories: Anime, Popular, Trends, and New Releases.
- Highlight featured movies with banners and descriptions.

### 3.2 Search Functionality:

- A real-time search bar with dynamic suggestions.
- Capability to search by movie title or keyword.

### 3.3 User Authentication:

- **Sign-Up:** Secure account creation with validation.

- **Login:** Allows existing users to access personalized features.

### **3.4 Movie Details Page:**

- Displays movie description, release year, maturity rating, and season/episode details.
- "Watch Now" button for immediate access.

### **3.5 Profile Management:**

- Registered users can update profile details.

### **3.6 Logout Functionality:**

- Allows users to log out securely.
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## **4. Module Details**

### **4.1 Authentication Module:**

- Handles user registration and login securely.
- Encrypts user passwords using hashing algorithms.

### **4.2 Content Display Module:**

- Retrieves and displays movie/series details dynamically from the database.

### **4.3 Search Module:**

- Provides search functionality with real-time suggestions.

### **4.4 Profile Management Module:**

- Enables users to update personal details like username or password.

#### 4.5 Admin Module (Future Development):

- Allows administrators to add, update, or remove movie data.

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#### Use Case Diagram:

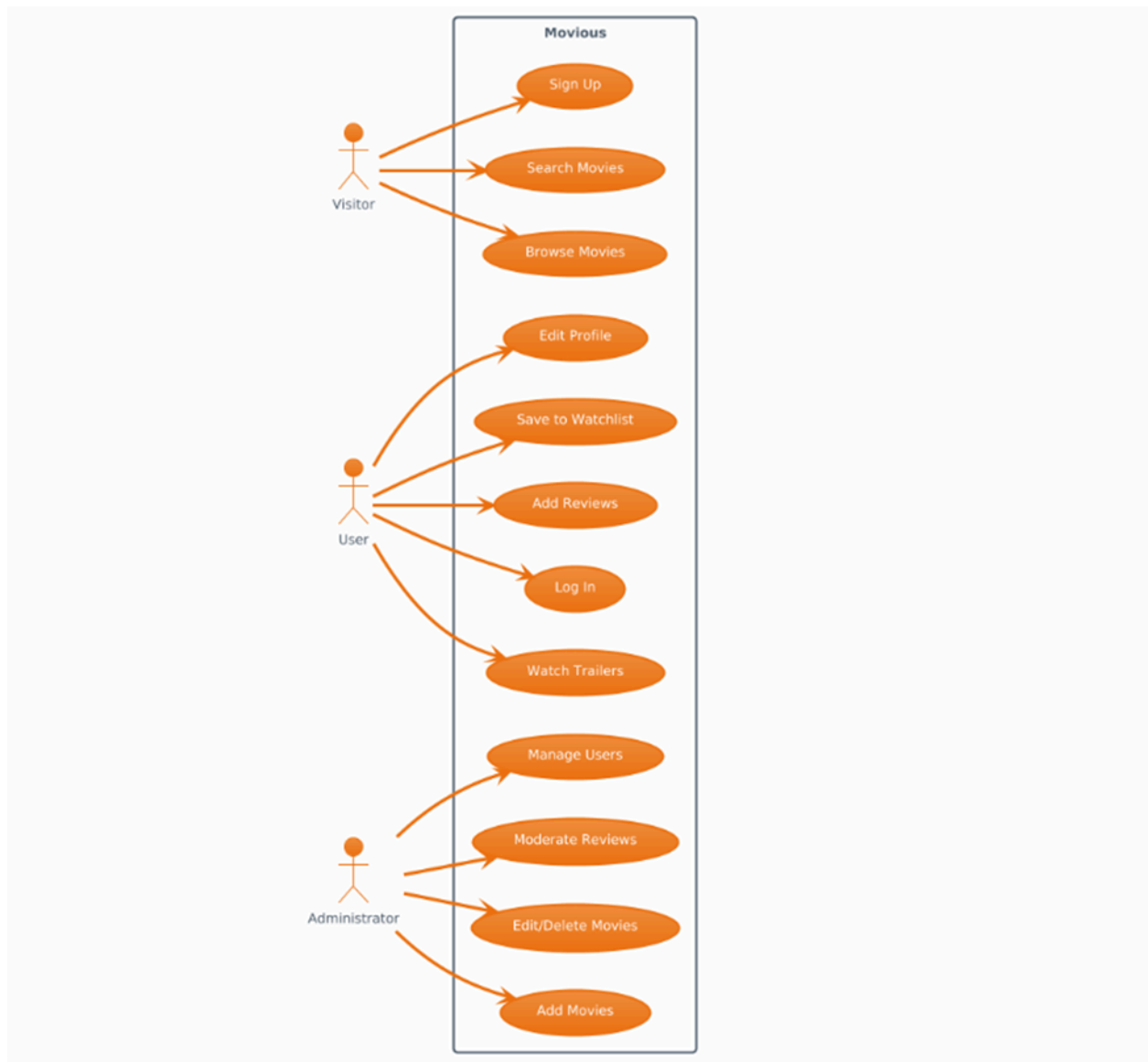
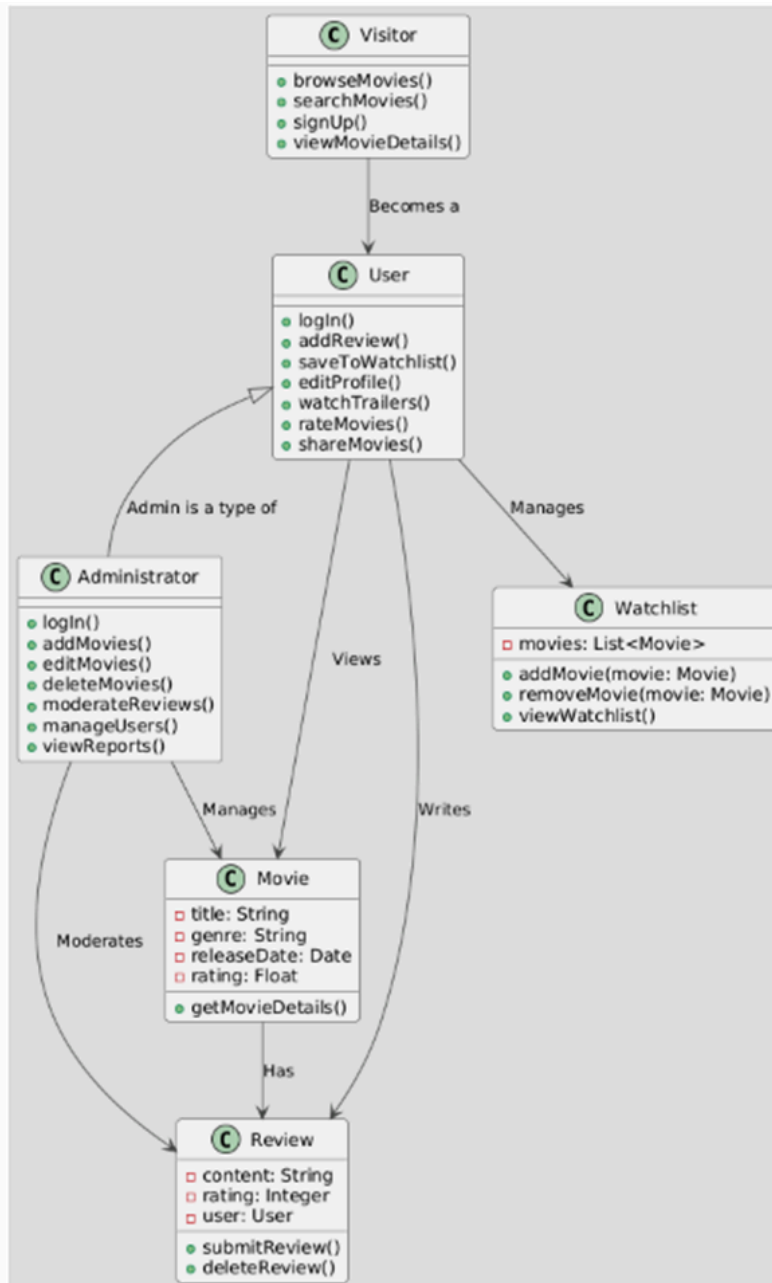


Fig: Use case of Movious

## Unified Modeling Language:



### Activity Diagram:

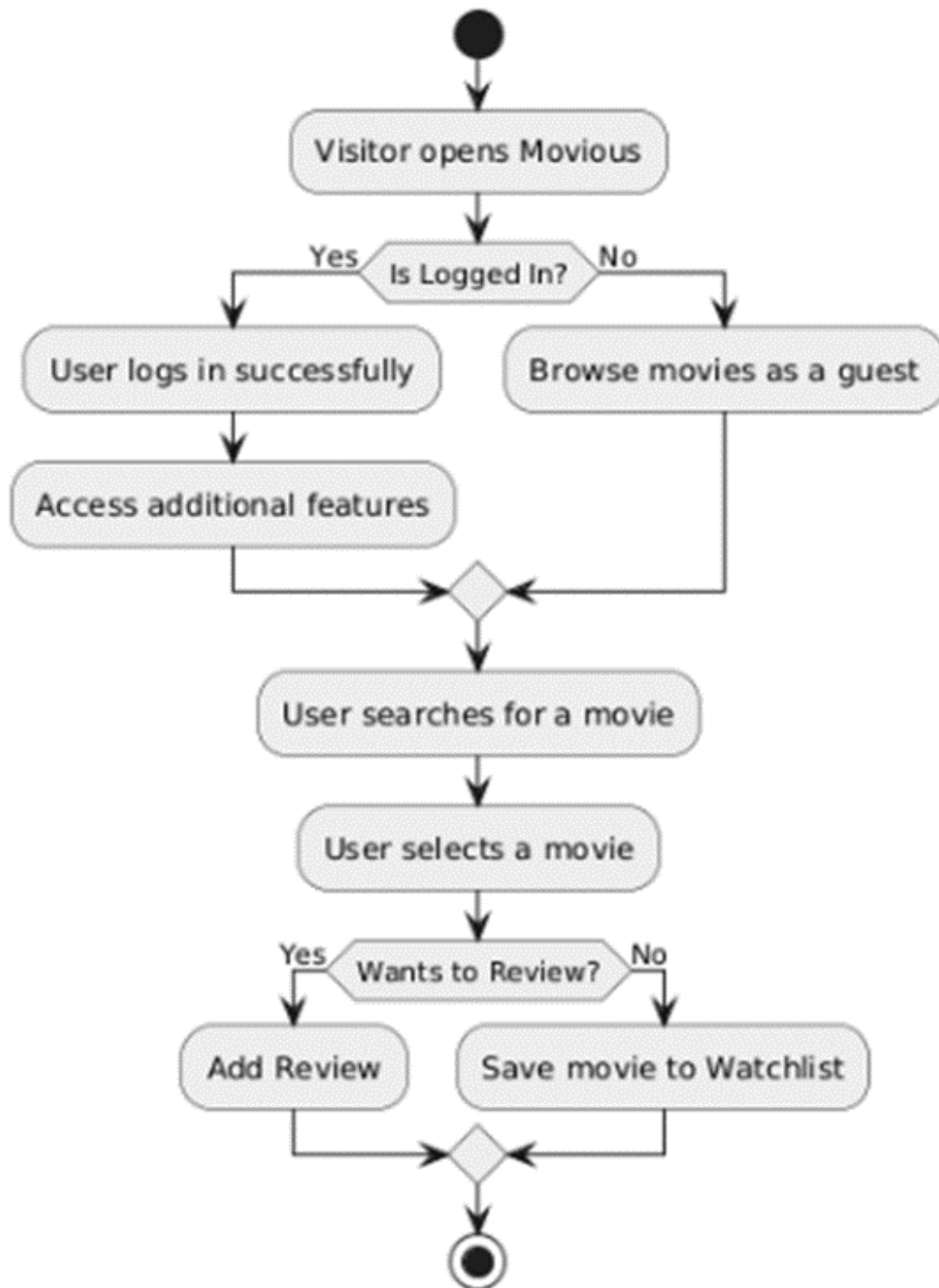


Fig: Activity Diagram of MoviOus

## 5. Technology Requirements

### 5.1 Technology:

- **Frontend:**
  - HTML5, CSS3, JavaScript
- **Backend:**
  - PHP for server-side scripting
- **Database:**
  - MySQL for storing user and movie data

### 5.2 Application and Hardware Requirements:

- **Server:** XAMPP for local development environment.
  - **Client:** Any modern web browser (Chrome, Firefox, Safari, Edge).
  - **Hardware:**
    - Minimum: Dual-core processor, 2GB RAM
    - Recommended: Quad-core processor, 8GB RAM
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## 6. Application

MoviOus is a web-based application hosted on a local or cloud server. It is accessible from any device with internet connectivity and a compatible browser.

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## 7. Milestones and Reporting

### 1. Phase 1: Initial Setup

- Complete homepage, signup, and login modules.
- Test and secure user authentication.
- Timeline: 2 Weeks.

### 2. Phase 2: Content Integration

- Implement movie categories and search functionality.



- Populate the database with sample content.
- Timeline: 3 Weeks.

### 3. Phase 3: Design Enhancements and Testing

- Ensure responsive design and cross-browser compatibility.
- Conduct unit testing for all features.
- Timeline: 2 Weeks.

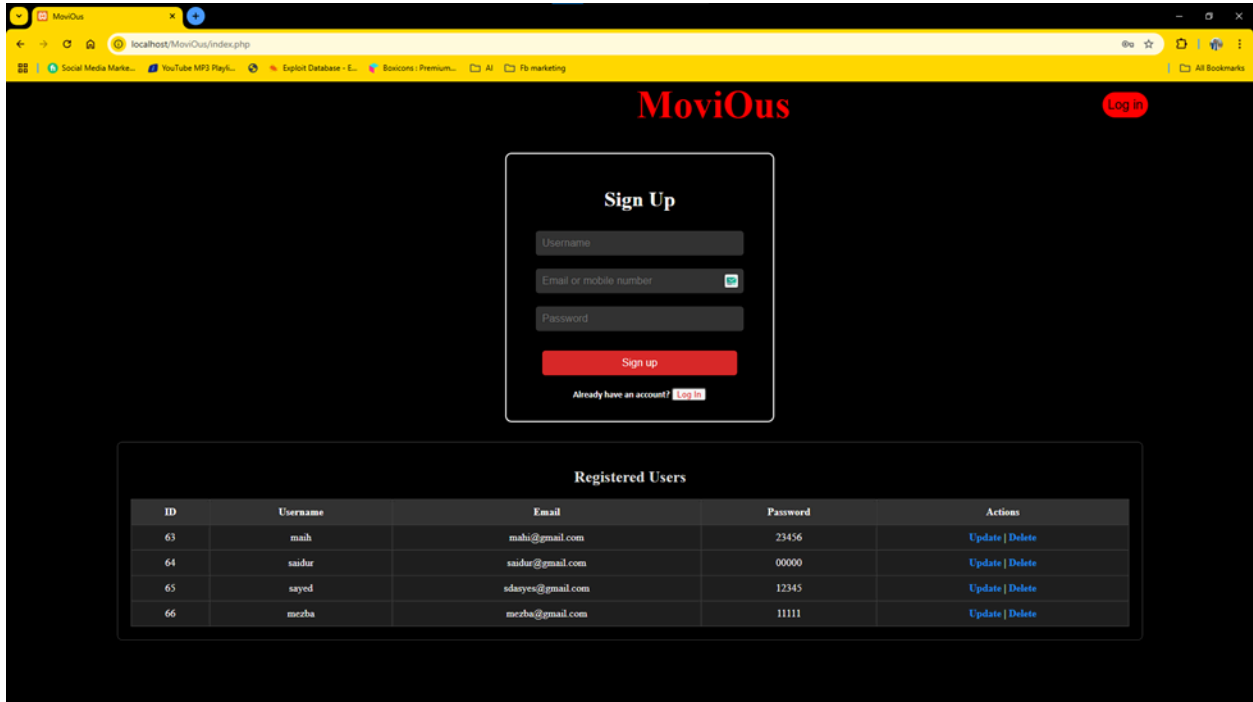
### 4. Phase 4: Deployment and Feedback

- Deploy the application.
- Gather feedback and address issues.
- Timeline: 1 Week.

Phase	Timeline
Phase 1: Initial Setup	2 Weeks
Phase 2: Content Integration	3 Weeks
Phase 3: Design Enhancements and Testing	2 Weeks
Phase 4: Deployment and Feedback	1 Week

**Website view:**

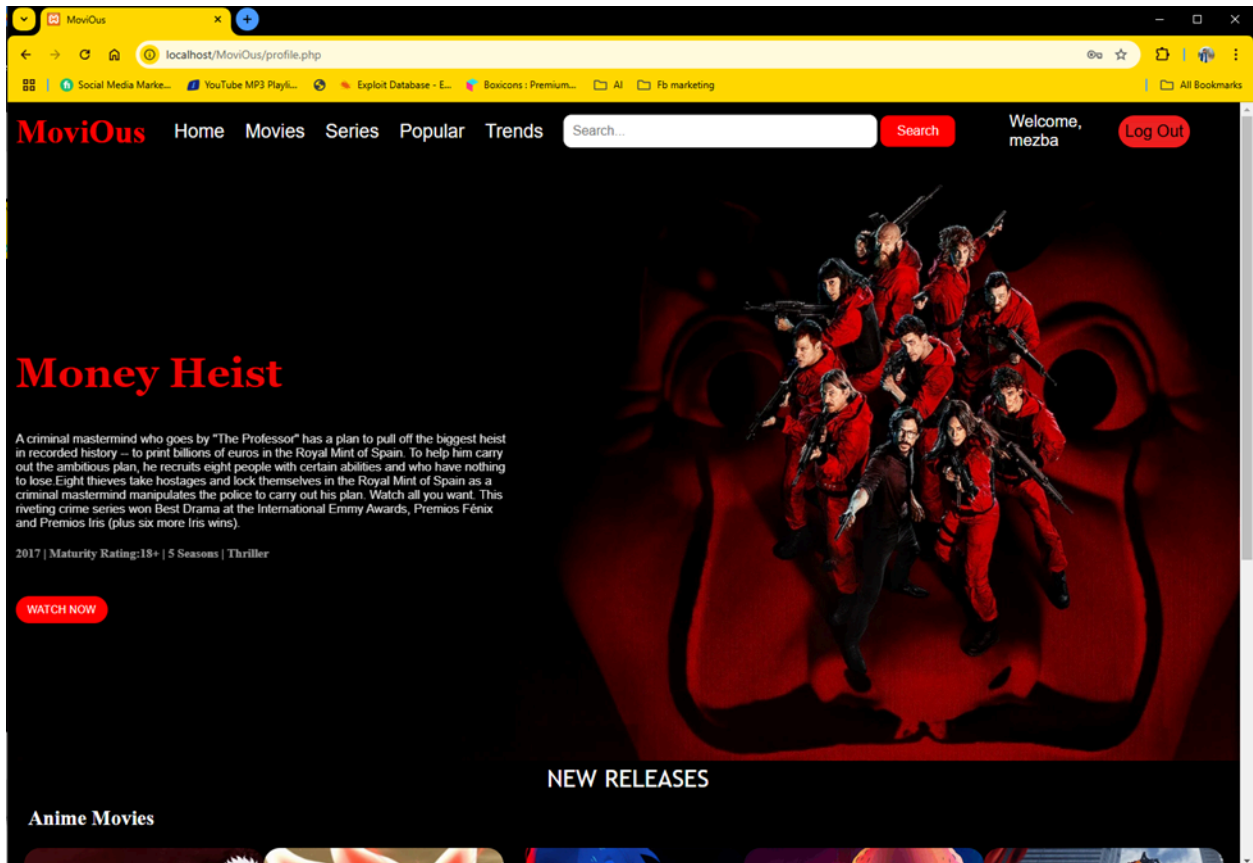
## Signup page:



The screenshot shows the MoviOus Signup page. At the top, the MoviOus logo is on the left, and a 'Log in' button is on the right. The main content area features a 'Sign Up' form with three input fields: 'Username', 'Email or mobile number' (with a WhatsApp icon), and 'Password'. Below the form is a red 'Sign up' button and a link for 'Already have an account? Log in'. Below the form is a table titled 'Registered Users' with columns for ID, Username, Email, Password, and Actions. The table contains four rows of user data.

ID	Username	Email	Password	Actions
63	mah	mah@gmail.com	23456	<a href="#">Update</a>   <a href="#">Delete</a>
64	saidur	saidur@gmail.com	00000	<a href="#">Update</a>   <a href="#">Delete</a>
65	sayed	sayed@gmail.com	12345	<a href="#">Update</a>   <a href="#">Delete</a>
66	mezba	mezba@gmail.com	11111	<a href="#">Update</a>   <a href="#">Delete</a>

## Home page:



The screenshot shows the MoviOus Home page. The top navigation bar includes the MoviOus logo, links for Home, Movies, Series, Popular, and Trends, a search bar, and a 'Search' button. On the right, it says 'Welcome, mezba' and has a 'Log Out' button. The main content area features a large banner for the movie 'Money Heist' with a red background and a large face. Below the banner is a 'WATCH NOW' button. The bottom section is titled 'NEW RELEASES' and 'Anime Movies'.

# Money Heist

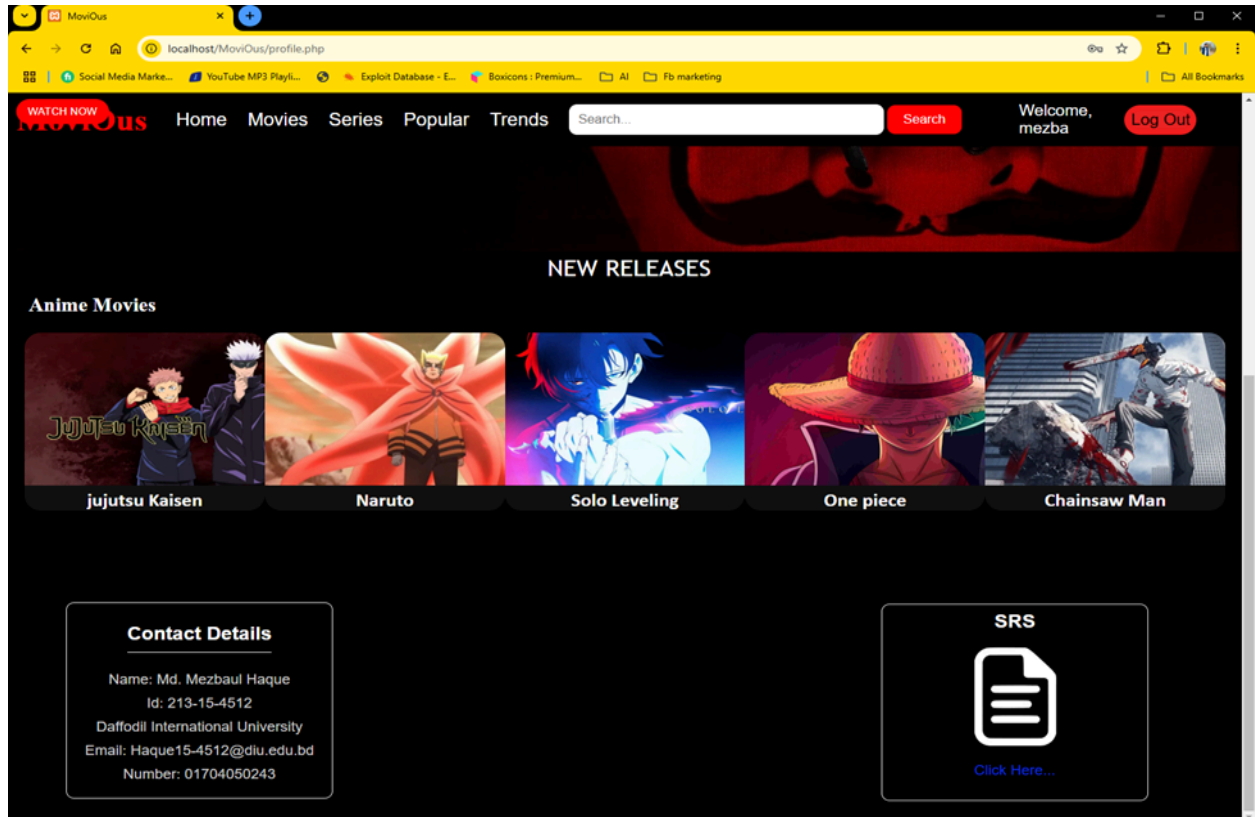
A criminal mastermind who goes by "The Professor" has a plan to pull off the biggest heist in recorded history – to print billions of euros in the Royal Mint of Spain. To help him carry out the ambitious plan, he recruits eight people with certain abilities and who have nothing to lose. Eight thieves take hostages and lock themselves in the Royal Mint of Spain as a criminal mastermind manipulates the police to carry out his plan. Watch all you want. This riveting crime series won Best Drama at the International Emmy Awards, Premios Fénix and Premios Iris (plus six more Iris wins).

2017 | Maturity Rating:18+ | 5 Seasons | Thriller

[WATCH NOW](#)

## NEW RELEASES

### Anime Movies



Database:

				id	username	email	password
<input type="checkbox"/>				63	maih	mahi@gmail.com	23456
<input type="checkbox"/>				64	saidur	saidur@gmail.com	00000
<input type="checkbox"/>				65	sayed	sdasyes@gmail.com	12345
<input type="checkbox"/>				66	mezba	mezba@gmail.com	11111

## 8. Deployment

- **Environment:** XAMPP for local hosting or a cloud-based hosting platform.
- **Steps:**
  1. Configure the server environment.
  2. Upload application files and database.

3. Conduct deployment testing.

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## 9. Testing

- **Unit Testing:** Ensure individual features function as intended.
  - **Integration Testing:** Validate seamless interaction between modules (search and database).
  - **User Acceptance Testing (UAT):** Involve users to identify usability issues.
  - **Security Testing:** Test for vulnerabilities like SQL injection and password leaks.
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## 10. Support

- **Technical Support:** Ongoing assistance for bug fixes and performance issues.
  - **Updates:** Periodic updates to add new features and improve usability.
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## 11. Pricing

MoviOus is a free platform for users. Future premium features may involve subscription plans.

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## 12. Payment Terms

Currently, MoviOus does not involve monetary transactions. Future enhancements may include payment gateways for premium content.

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### 13. Responsibility

- **Frontend Development:** Design and implementation of UI/UX components.
- **Backend Development:** User authentication, database management, and server-side functionality.
- **Database Management:** Creation and maintenance of movie and user tables.

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### 14. Contact Us

For inquiries or technical support, please contact:

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- **Phone:** 01704050243