fIlM fAcToRy

DBMS Mini Project
Problem statement
and
solution proposal

Outline

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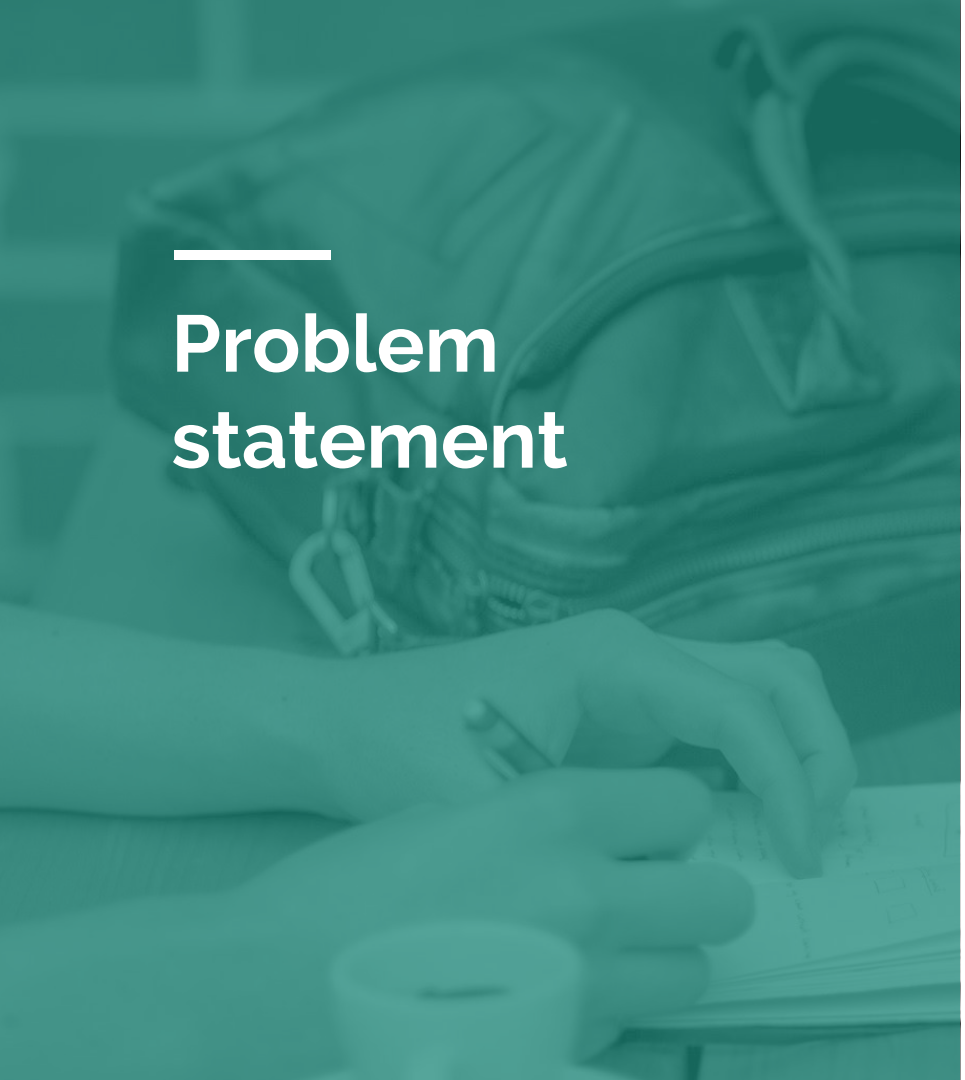
The Problem



Problem statement

No organised library for movies and documentaries online. And moreover India lags behind big no.s.

Online video consumption is one of the most popular internet activities worldwide.

According to recent industry data, online video penetration has is near universal in a number of leading online markets with Saudi Arabia leading at a 98 percent online video usage reach as of January 2017.

In 2020, the number of digital video viewers in the United States is projected to surpass **232** million..!!!!

What customers do today

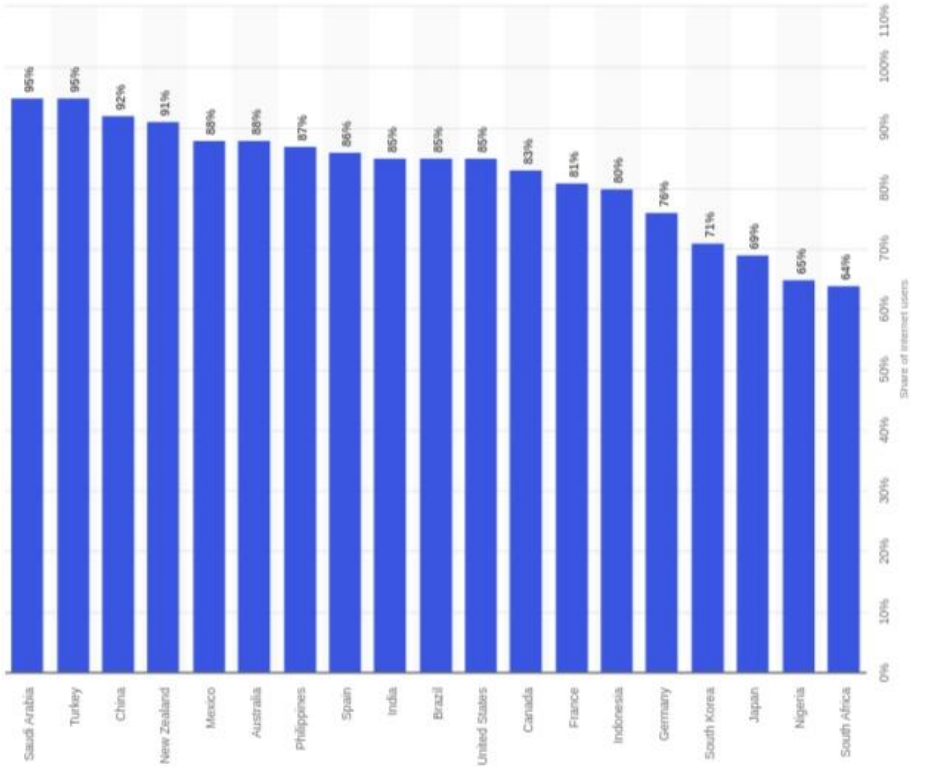
Currently customers and enthusiasts run a wide and exhaustive search and then find their movies.

- Hours are wasted just to surf for their movie.
- It spoils the productivity in them and thus reducing their life-quality.
- Lack of proper library frustrates every movie enthusiasts.

Stats

01

Percentage of internet users who watch online video content on any device as of January 2018, by country



Suffering Ones

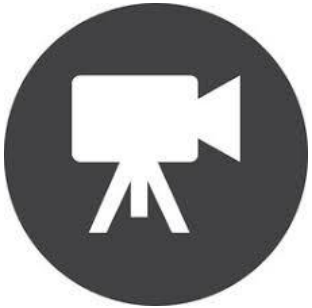
02

Ironically, internet was made to save time, but surfing incorrect things on internet for hours does waste a lot of time. Our product does provide a perfect pitch to access such organised data.

Supporting solution.

03

Our Proposed Solution.



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Online Movie Rental System

An Online Movie Portal Where One Can Easily Rent A
Movie Of His Choice .

Abstract

- ➔ A mini project that would provide a portal which would provide a base to rent copyright movies and music albums.
- ➔ “As an Administrator, we can add new releases, and delete outdated ones.”
- ➔ “As a Customer, one can easily sign-up and search for movies, and further rent them.”
- ➔ Our #1 priority would be to make search and renting easy.
- ➔ Note: secondary admin workflow, like checking movies rented and pending fines, were not planned for this release.

Assumptions

We as a group, a group itself filled with movie enthusiasts, assumed that a proper database with columns like “name, genre, IMDb rating, year of release, directors, and much more” would be a great start and thus it formed the base of our product...

Solution Proposal and Functioning

Functioning- USER.

Step 1: The User Login Page asks for authentication, If there is a new User then he/she can sign-up and then log-in , or if already a User, then he/she can directly log-in.

Step 2: It leads to your Home Page, here you can browse or surf for any movies of your choice and further you can easily rent it and then easily watch it, while a link to the movie is sent to yr mail .

Step 3: There is a Profile Page too, here a customer can easily look for his/her rented books and their return dates, further, he/she can return the rented movie.

Functioning- ADMIN.

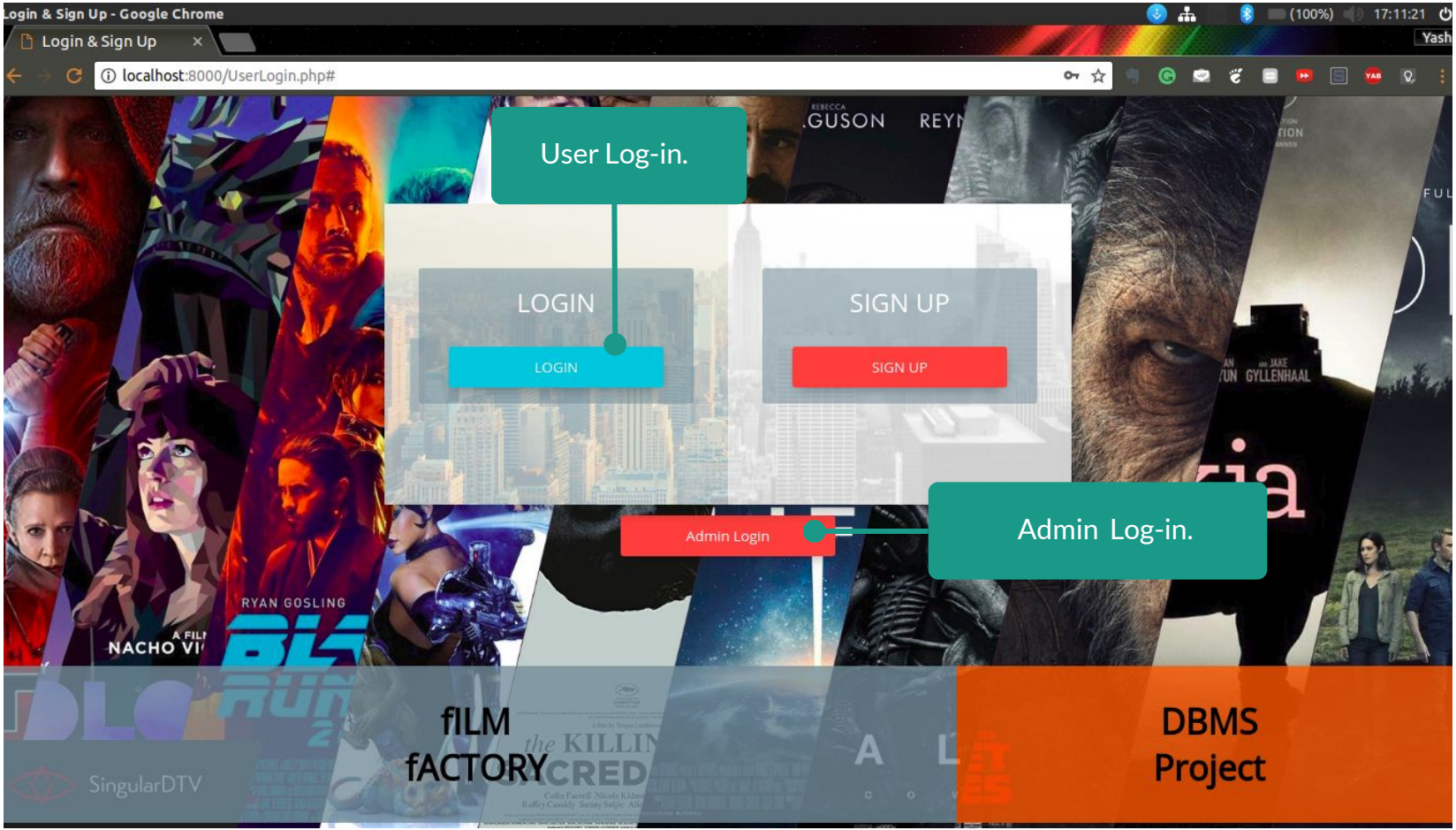
Step 1: The Admin Login Page asks for authentication, he/she can directly log-in, if an Admin.

Step 2: There is an Admin-Profile Page , here, the Admin can add new Releases and delete the outdated ones.

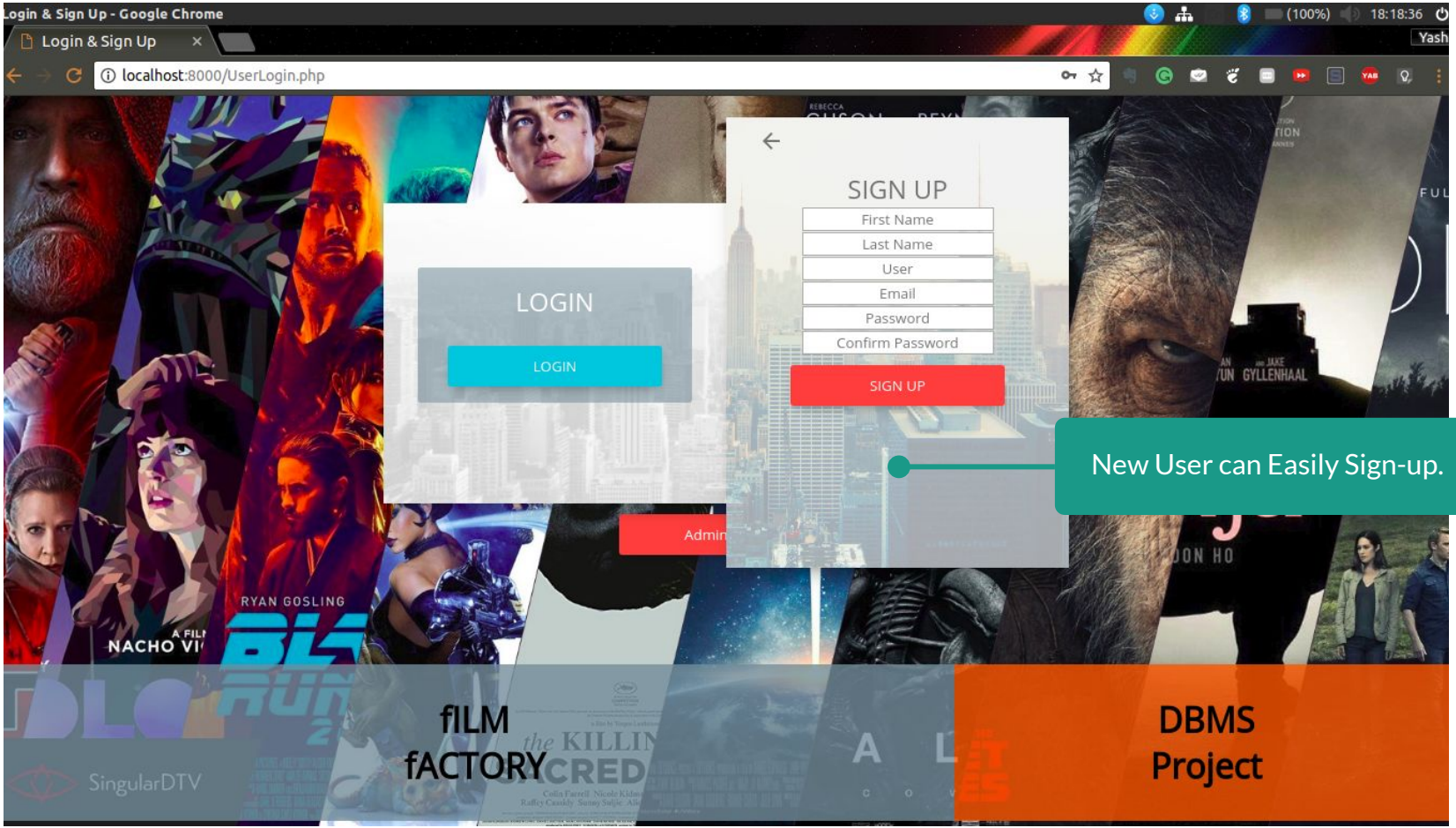
Why it’s better than existing solutions

Netflix and Amazon Prime, these are some of the existing movie portals which may seem to currently solve the problem.

But our product rents movie on really small charges. These basic charges would not cost you a fortune and thus, it is better than its counterparts. Further, it is updated regularly and thus, there may not be match for this solution.



Component Detail



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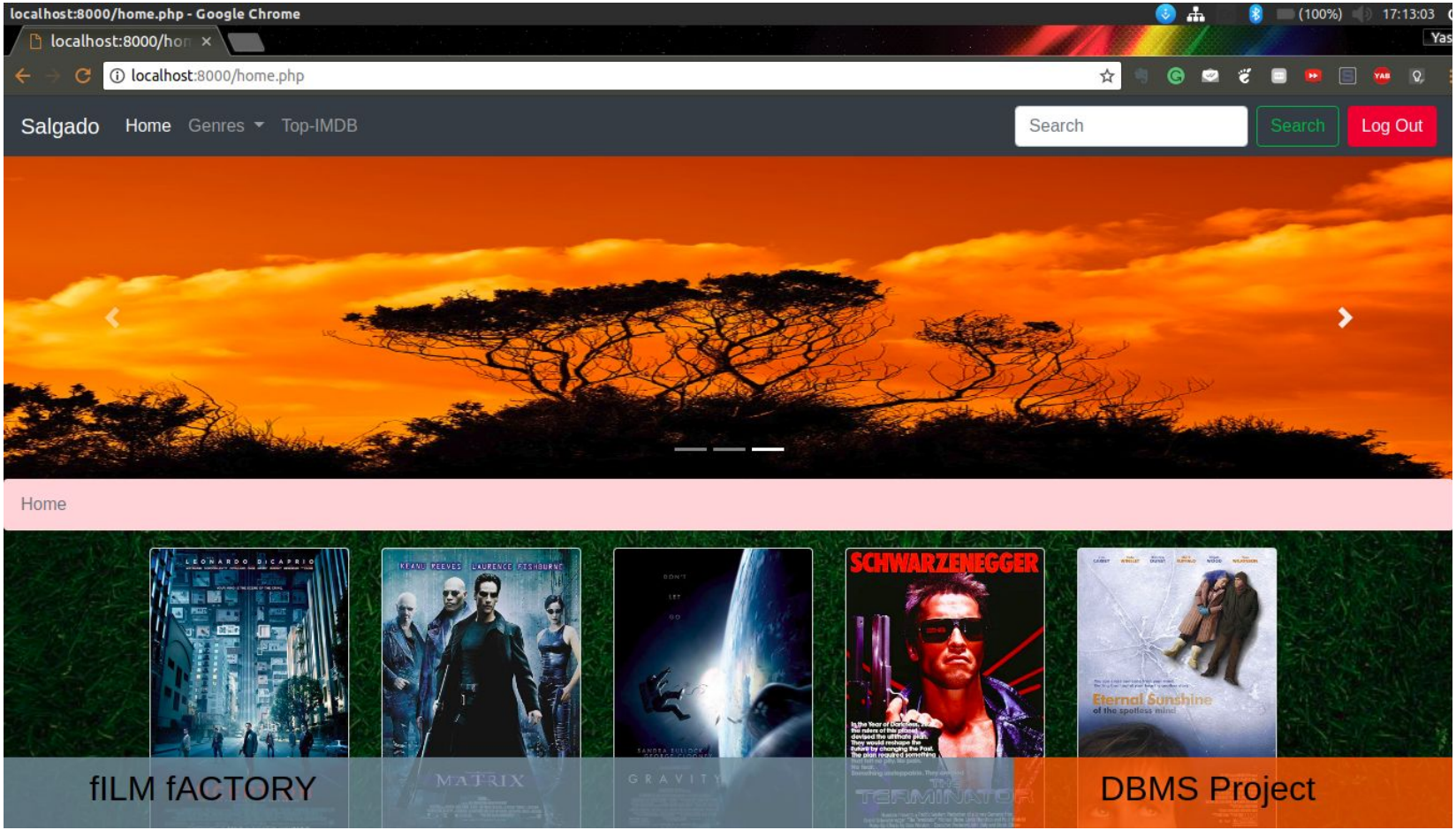

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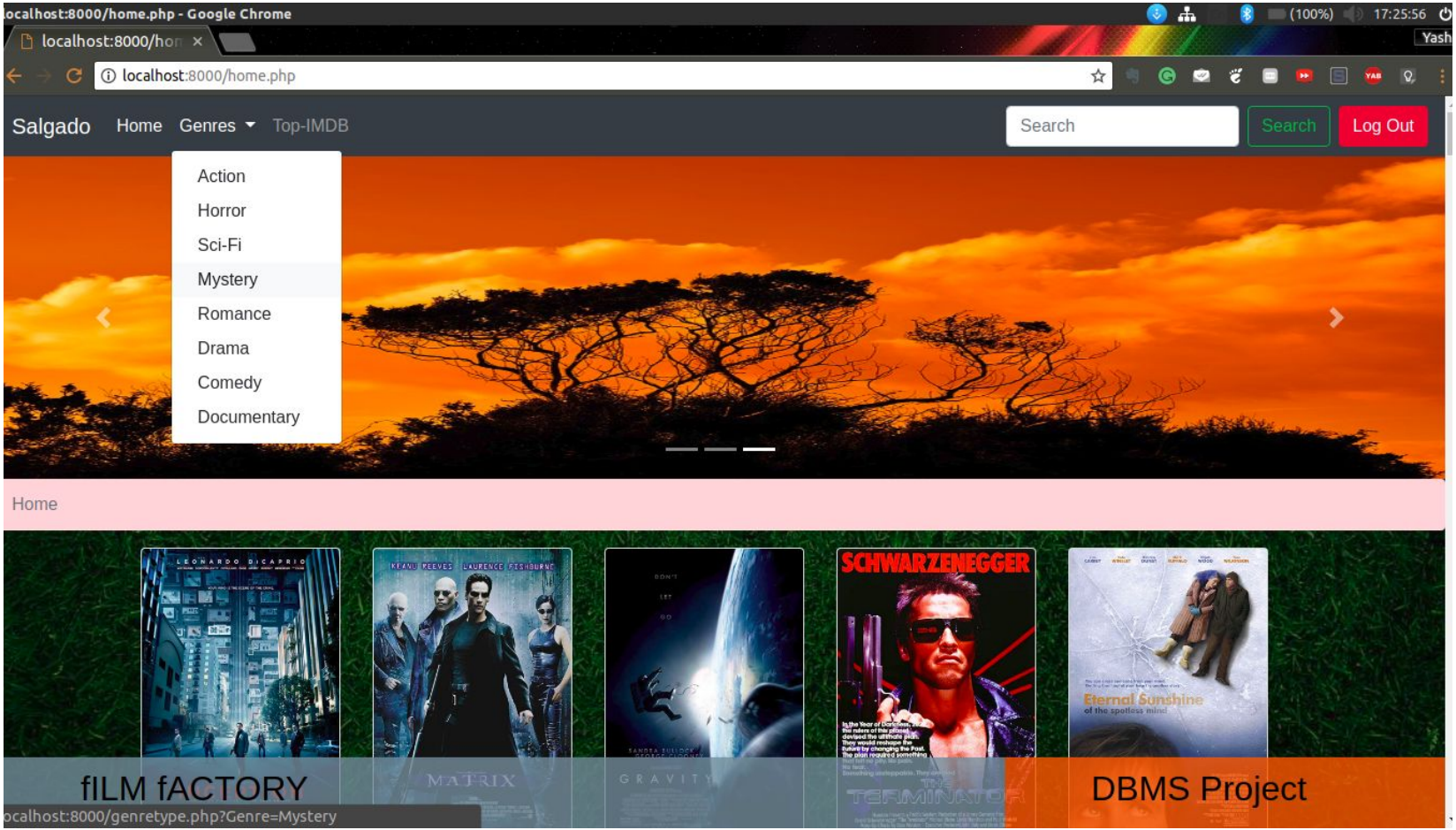

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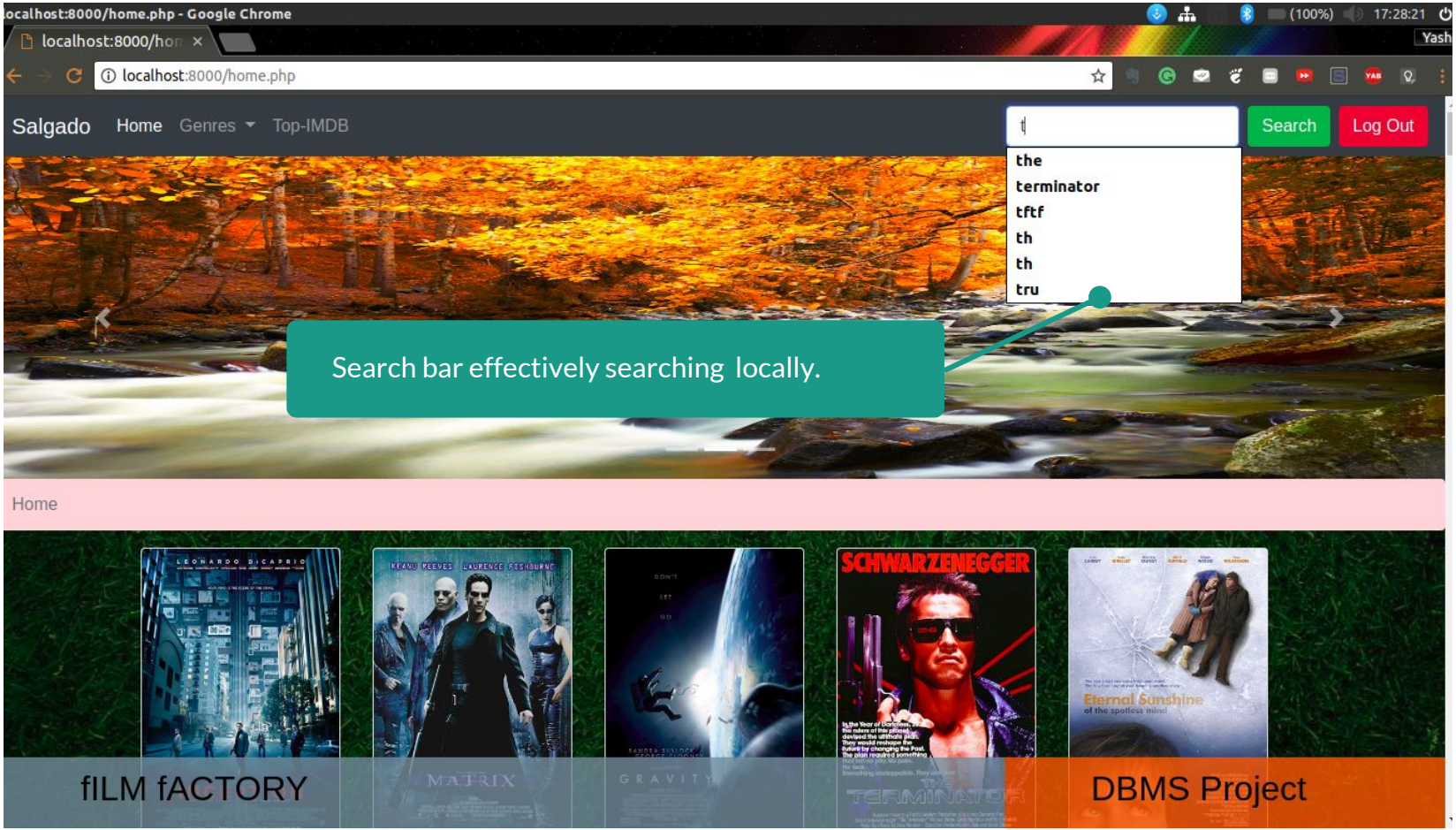

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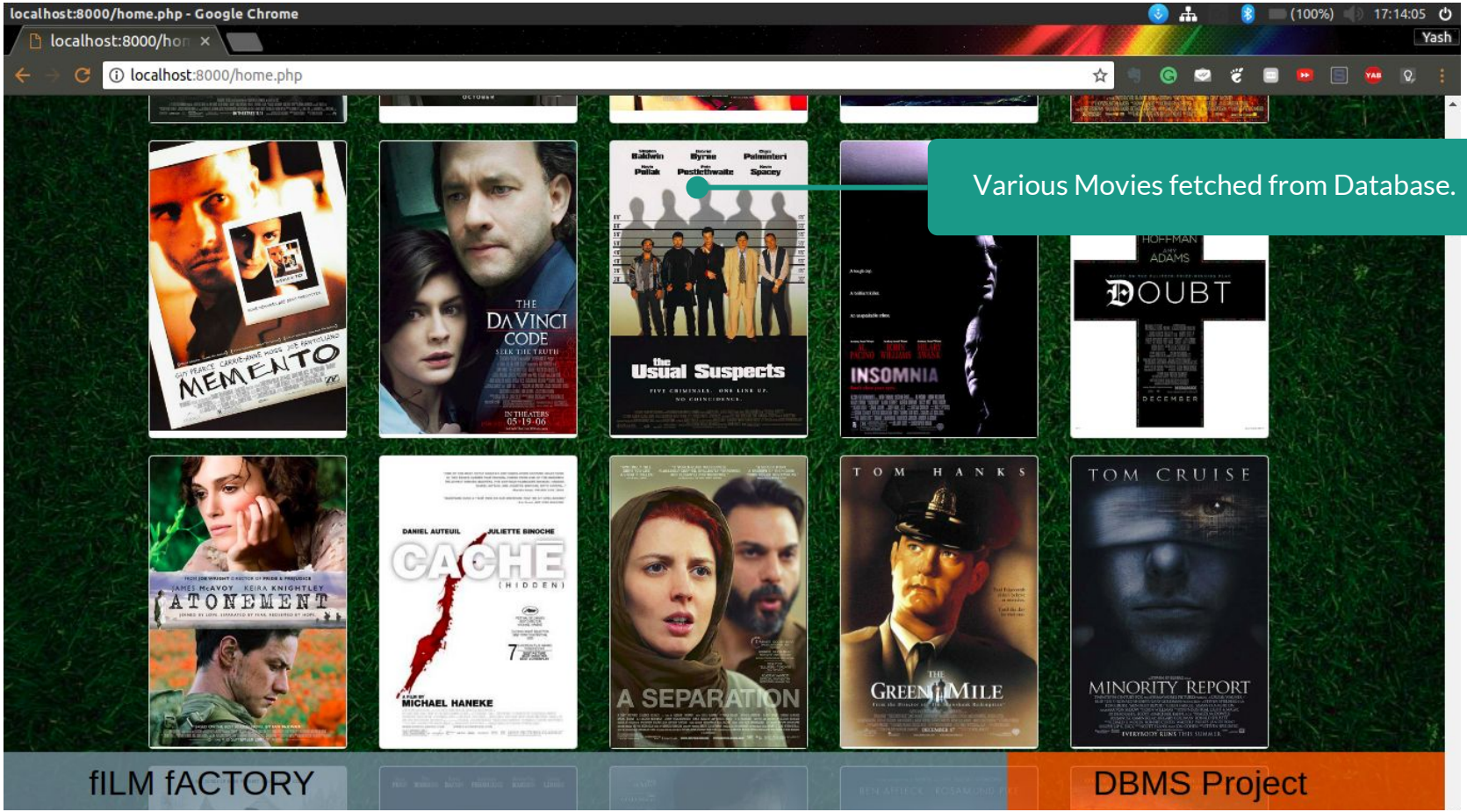
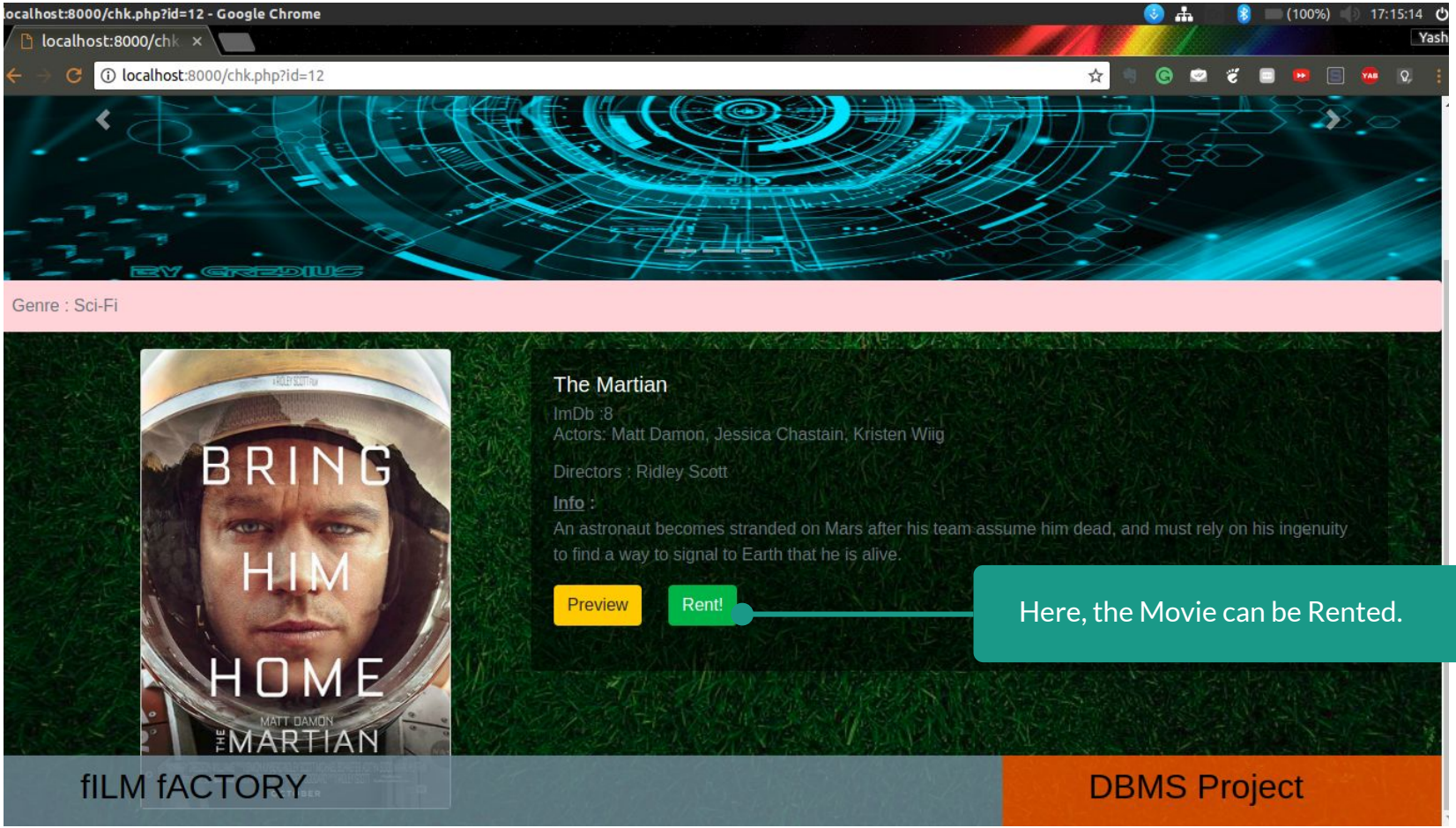


Component Browser

Balsamiq Tip | Use the Balsamiq add-on to make your own wireframe.



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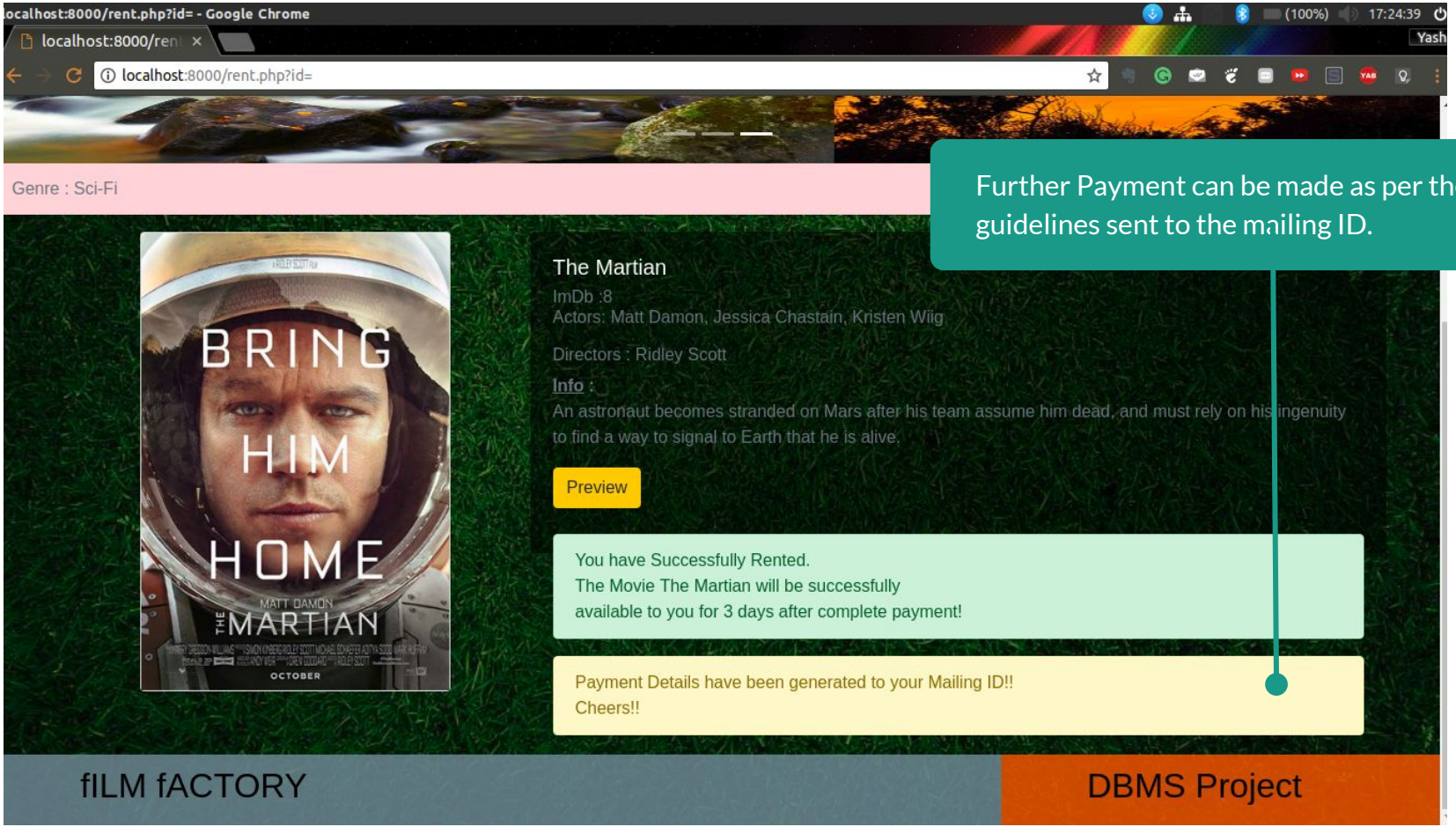
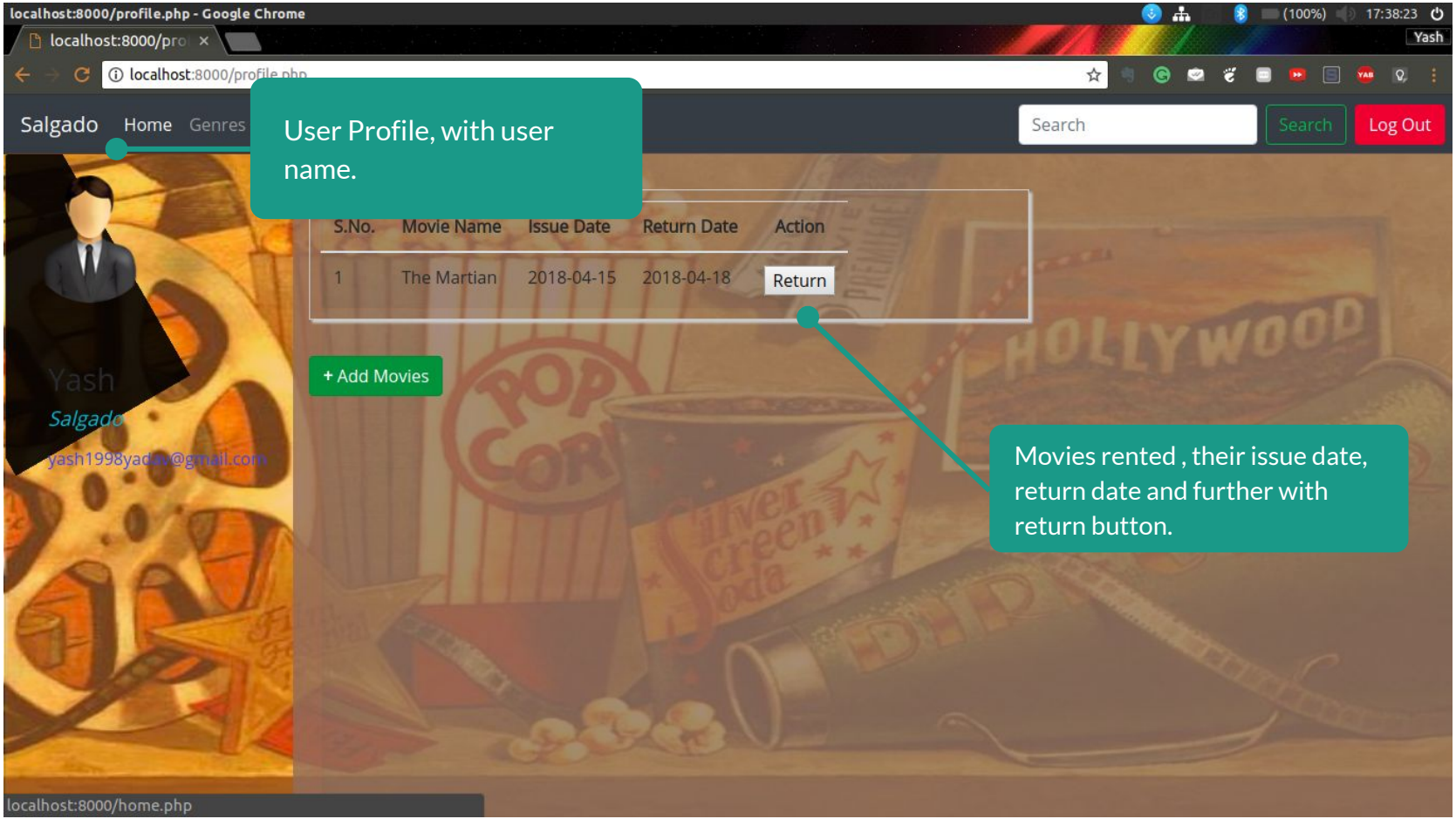
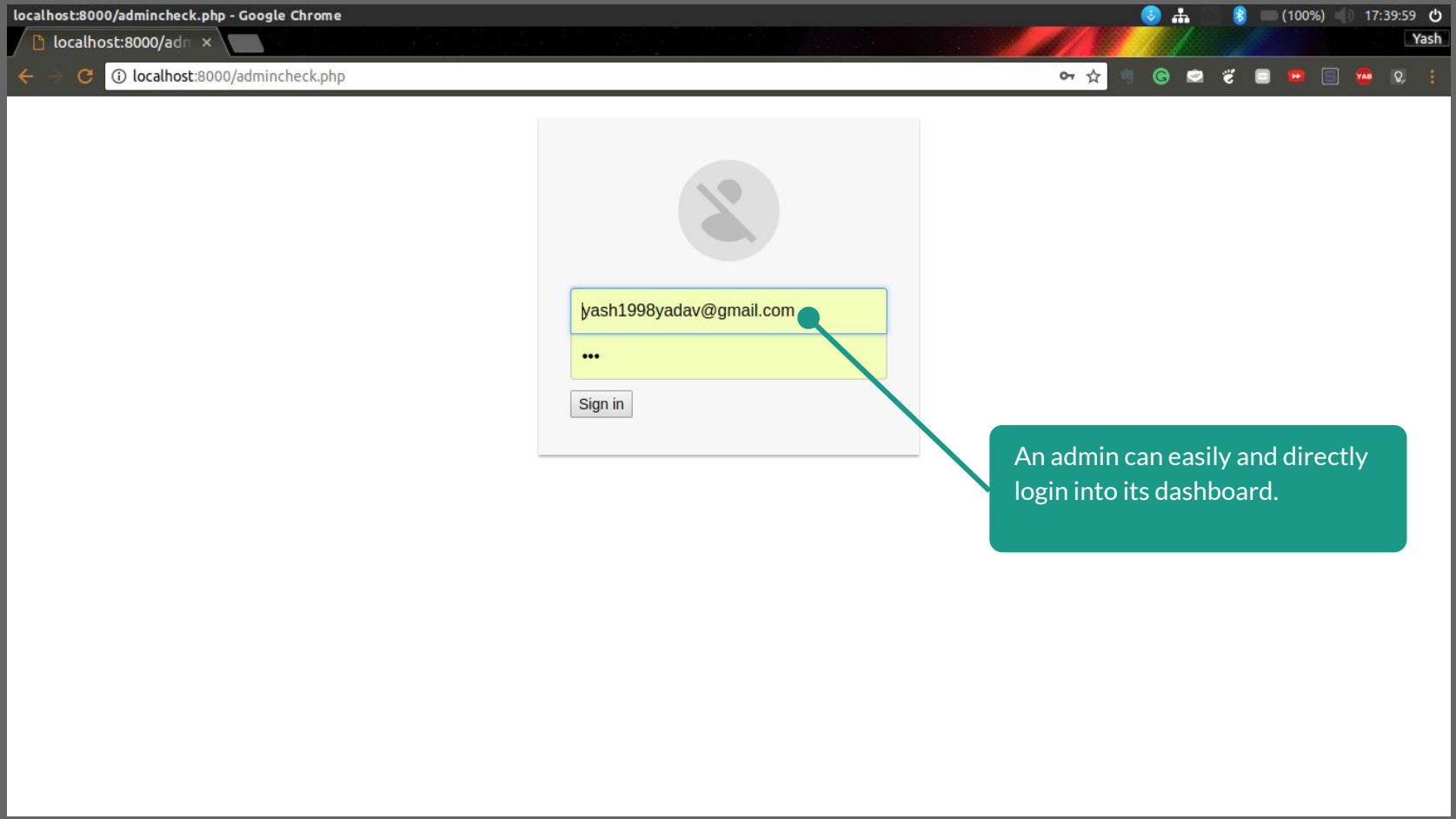


Further Payment can be made as per the guidelines sent to the mailing ID.

Component Detail



Component Detail (USER PROFILE)



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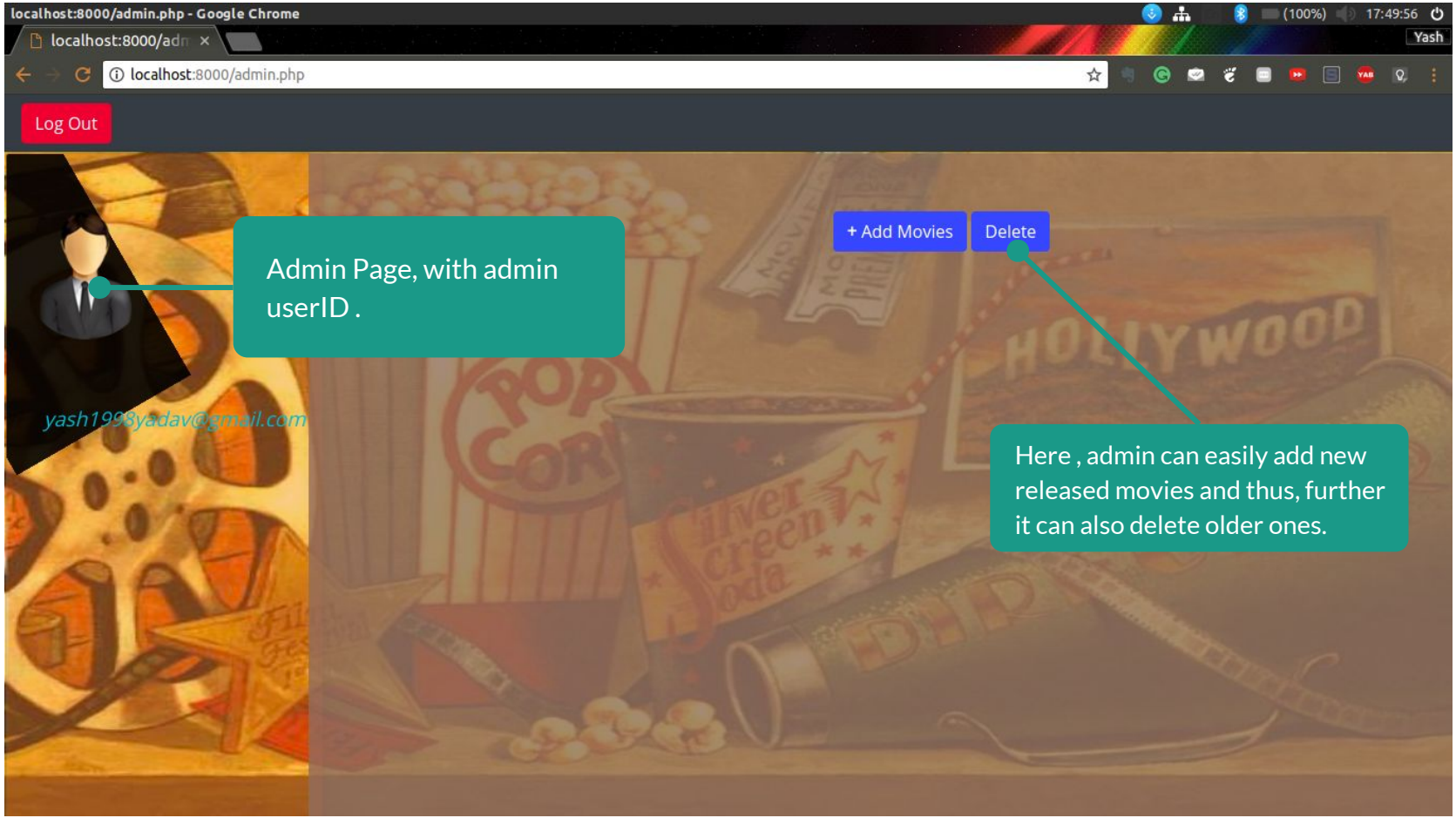
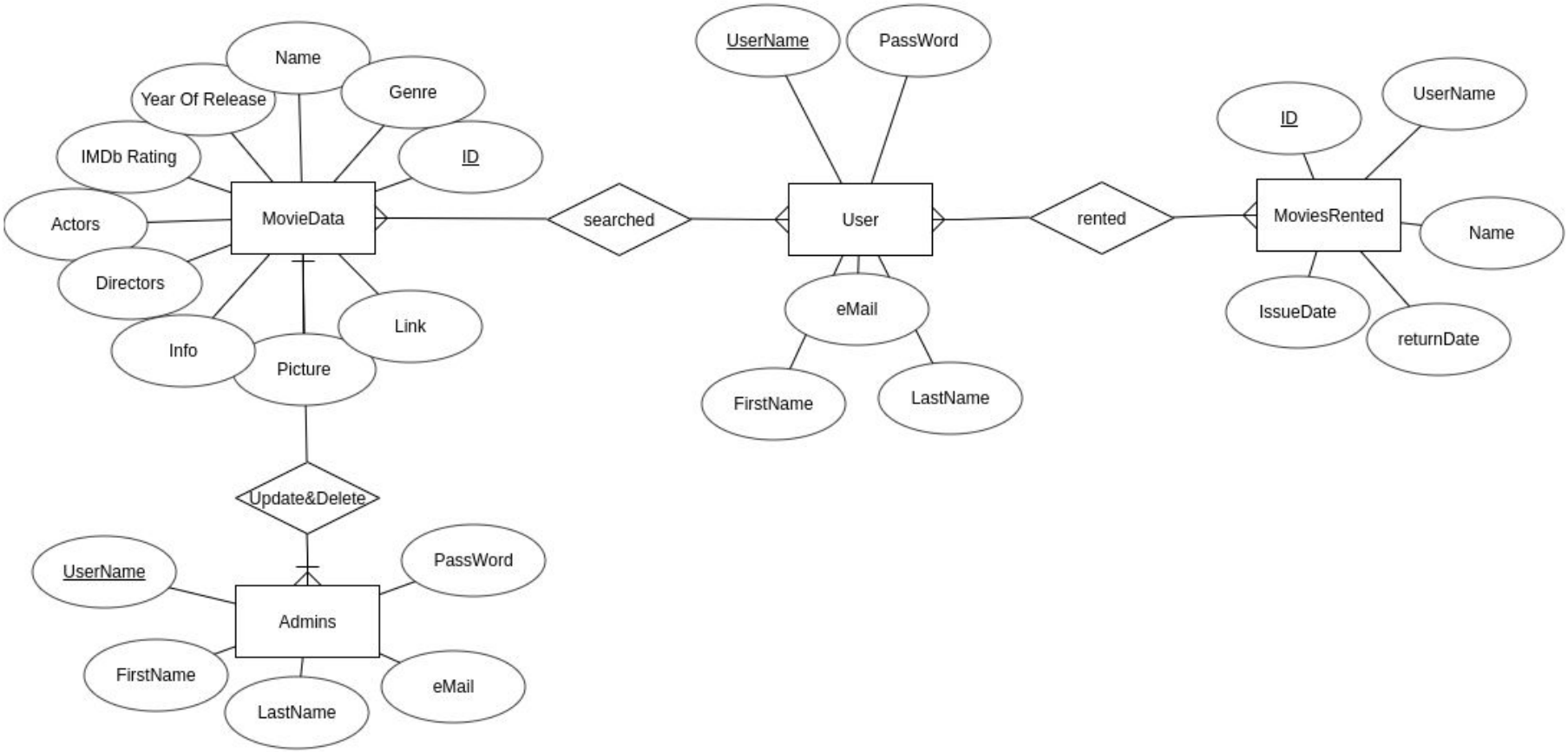


Component Detail (USER PROFILE)

Diagrams and Schemas



Entity Relationship Diagram

Explanation | A graphical representation of an information system that depicts the relationships among people, objects, places, concepts or events within that system.

Table structure | Relation view

	Name	Type	Collation	Attributes	Null	Default	Extra
.	ID	int(11)			No	*None*	AUTO_INCREMENT
2	Genre	varchar(225)	latin1_swedish_ci		No	*None*	
3	Name	varchar(225)	latin1_swedish_ci		No	*None*	
4	Year Of Release	varchar(225)	latin1_swedish_ci		No	*None*	
5	ImDb Rating	varchar(225)	latin1_swedish_ci		No	*None*	
6	Actors	varchar(225)	latin1_swedish_ci		No	*None*	
7	Directors	varchar(225)	latin1_swedish_ci		No	*None*	
8	Info	varchar(5000)	latin1_swedish_ci		No	*None*	
9	Picture	longblob			No	*None*	
0	Link	varchar(225)	latin1_swedish_ci		No	*None*	

Movie Details DATABASE.

Admin Details DATABASE

Table structure | Relation view

Name	Type	Collation
Name	varchar(225)	latin1_swedish_ci
UserName	varchar(225)	latin1_swedish_ci
Email	varchar(225)	latin1_swedish_ci
PassWord	varchar(225)	latin1_swedish_ci
phone	bigint(153)	

Contacts

Name	Type	Collation
UserName	varchar(100)	latin1_swedish_ci
Name	varchar(100)	latin1_swedish_ci
issuedate	date	
returndate	date	

Issued
Movie Details DATABASE.

Table structure | Relation view

User Details DATABASE

Name	Type	Collation
Name	varchar(225)	latin1_swedish_ci
UserName	varchar(225)	latin1_swedish_ci
Email	varchar(225)	latin1_swedish_ci
PassWord	varchar(225)	latin1_swedish_ci
phone	bigint(153)	

Next Steps

What Platforms and Tools used?

- Front end
  - HTML
  - CSS
  - JS
  - PHP.
- Back end
  - MYSQL and its extensions

The Team

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Questions?

References

References and Sources:

- http://www.w3schools.com/sql/sql_update.asp
- http://www.w3schools.com/php/php_forms.asp
- Fundamentals of software engineering by Rajib mall, PHPlearning
- Web development and application development by Ivan Byross BPB publications

Resources for Images:

- Pinterest, PosterImagica.
- Google Image Search.
- Pexels.com
- StockSplash
- Unsplash