



**Human Computer Interaction**  
**CS-422**  
**Online Movie Database**

**Members:**

Shahrose Khaliq	13L-4322
Uzair Ahmed Bhatti	17L-4010
Usama Bin Amir	17L-4230
Abdul Hannan Saqib	17L-6324

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## **Introduction:**

“Online Movie Database” is a web application, used to store information about movies and actors. Users can either sign up or login to the movies database system. In addition, users have the ability to read movies description (plot), rate movies, comment/review movies and view trailer of a movie. Moreover, the database provides information about the movies on basis of their average rating. Furthermore, users can view list of top rated movies and search for a specific movie by its name or genre. Users can also add any movie to their watch list. The system also allow users to search for celebrities, see the general introduction of celebrities, and see which movies the actors have worked in. When a user log into the system, the main page shown is a dashboard, which displays movies and their ratings. The user may than click on any movie to go a page of that specific movie and see the movies details. On the main/home page user has the ability to navigate to the celebrity’s page where the user can select any specific celebrity. In addition, the user has the search bar on the home page along with the ability to navigate to the wish list page. On the other hand, admin has super rights over all users. Admin can add a new movie data or data for new movies. Moreover, admin can manipulate information about any movie or even delete a movie or information regarding the movie. The system also allows the admin to add new celebrities and their information.

## **User Profile Summary:**

### **User Groups:**

#### **1. Admin**

#### **2. Any Web User**

##### **1- Admin:**

##### **General Description:**

The web application, to be used by admins in order to perform the administrative activities. Admin has the role to delete/add new movies or actors and can delete the reviews of users.

##### **User Characteristics:**

Admin has to have some qualities which include being literate, trained and must be aware that how to use a system or handle a database. Admin are familiar with the new technologies used to develop application, be it web or mobile. Moreover, admins are usually experienced and trained personnel.

##### **Usability Requirements:**

The font and text used in the system must be big enough that it does not cause constraint to admins eyes. Interface should be easy to use for admins too and the use of icons and shortcuts is preferred. Even though icons and help at every stage is not necessarily important for admins as they are usually trained and experienced enough to use different , complex or east systems.

## 2- Web Users:

### General Description:

Any web user can signup/login to the online movie database and see the plot for different movies and review and rate them. Users can maintain their wish lists and comeback and see them at any time. Moreover, users can look for movies by their names and genres and also look for their favorite actors and see what movies they have worked in.

### User Characteristics:

User can be from any background and be literature or vice versa. Moreover, the system is to be used by people from various age groups. Majority of the people do already search for movies over the web and pass their time by streaming movies online or download them and see. A large amount of people also rate the movies after watching them and a lot would love to see movies combined at one place and read their plots.

### Usability Requirements:

As users are from various background, so the interface is to be designed in a way that is easy to use for both expert and novice users. The color scheme chosen should be good and should not irritate the eyes of users. Moreover, easy reversal of actions should be provided and use of hyperlinks and shortcuts would be ensured. Size of font and text would be chosen which is good for all the users. In addition, use of icons would be made.

### Usability requirement Summary

**KEY: xx= very important, x= important , blank=doesn't matter**

	Ease of use	Simplicity	Visuals/Icons	Minimal Typing	Ease of learning	Color Vision Deficit	Other Vision deficit
Admin	x		x	xx	x	xx	xx
Users	xx	x	xx		x	xx	X

## Contextual Task Analysis:

### i. Contextual Observation

The information below refers to the problem of a user where the user is not able to search for a movie successfully over an online platform by its name. The problem is not being able to search the movie so the information given below provides what the problem might be and how to rectify it.

Online Movie Database Contextual Observation				
Actor(User)	Trigger	Use Case(Task)	Task Sequence	Scenario Errors
A web user who wants to search for a movie.	The movie for which the user searched is not displaying.	Identify the problem and then solve the problem associated with the web application.	<ol style="list-style-type: none"><li>1. Inquire the user about the problem in a detailed manner. In other words, ask what the problem is.</li><li>2. After hearing out the user analyze what the issues and try to understand the issue completely.</li><li>3. Have a look into the problem the</li></ol>	<p>The user maybe searching for the movie with the wrong name.</p> <p>The user maybe searching for the movie in the wrong text entry section such as comments section.</p> <p>Use case may</p>

			<p>user is facing by trying the thing which user is failing to do.</p> <p>4. Detect the error.</p> <p>5. Guide about the solution of the error to the user or tell how to deal with this type error again.</p> <p>6. For making sure that, the problem is solved try to do other familiar tasks.</p>	<p>take some time depending on severity of the problem.</p> <p>Some difficulties in accessing the web application may also occur.</p> <p>If the web application is crashing than there might be some exception, for which the code needs to review.</p>
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## **ii. Work Environment Analysis**

The sample is from the working environment, which in this case is a user of the system using the web application from his house to browse for some movies over the Online Movie Database and rate them.

The atmosphere of the house is calm. Everyone in the house is busy in carrying out their tasks and completing their work. In other words, everyone is working in their own space without interference in others work. The drawing room of the house has comfortable sofas and user is sitting on them and using the laptop to use the web application of Online Movie Database. The user is at his house and enjoying his personal time by entertaining himself by browsing for a movie with respect to its rating, which he/she can watch soon after choosing one. To make the user more comfortable, the user interface of the web application needs to be very intuitive and easy to use. There need to be:

- Easy access to all the movies over the dashboard
- Clear and visible text.
- Good color scheme.
- Consistent design.
- Clear labelling on all activities the user can perform.
- Easy reversal of actions
- Availability of shortcuts and hyperlinks
- Closure and Dialog boxes
- Informative Feedback



### **iii. Task Analysis**

Following are the tasks, which the users on the web application “Online Movie Database” can perform.

#### **1. Rate a movie**

Online movie database allows its users to rate a movie on basis of stars. Users can search for a movie or select one from the dashboard and then rate the movie out of 10 but giving the rating in terms of stars. After a user rates a movie, the overall rating of the movie updates and the new average rating is displayed.

#### **2. Review a movie**

Users can review a movie by commenting on the movie and post their sentiments about the movie.

#### **3. Add movie to Wish list**

User can add any movie to a watch list so they can go to their wish list and read the plot the movie later. In addition, user can rate and review the movies from the wish list too.

#### **4. Search for Movie**

User can search for any movie by its name or genre/

#### **5. Search an Actor**

Users can search for an actor too and see what movies the actor has worked in.

#### **6. Top Rated Movies**

Users can also sort the movies in form of their ratings i.e. see top rated movies.

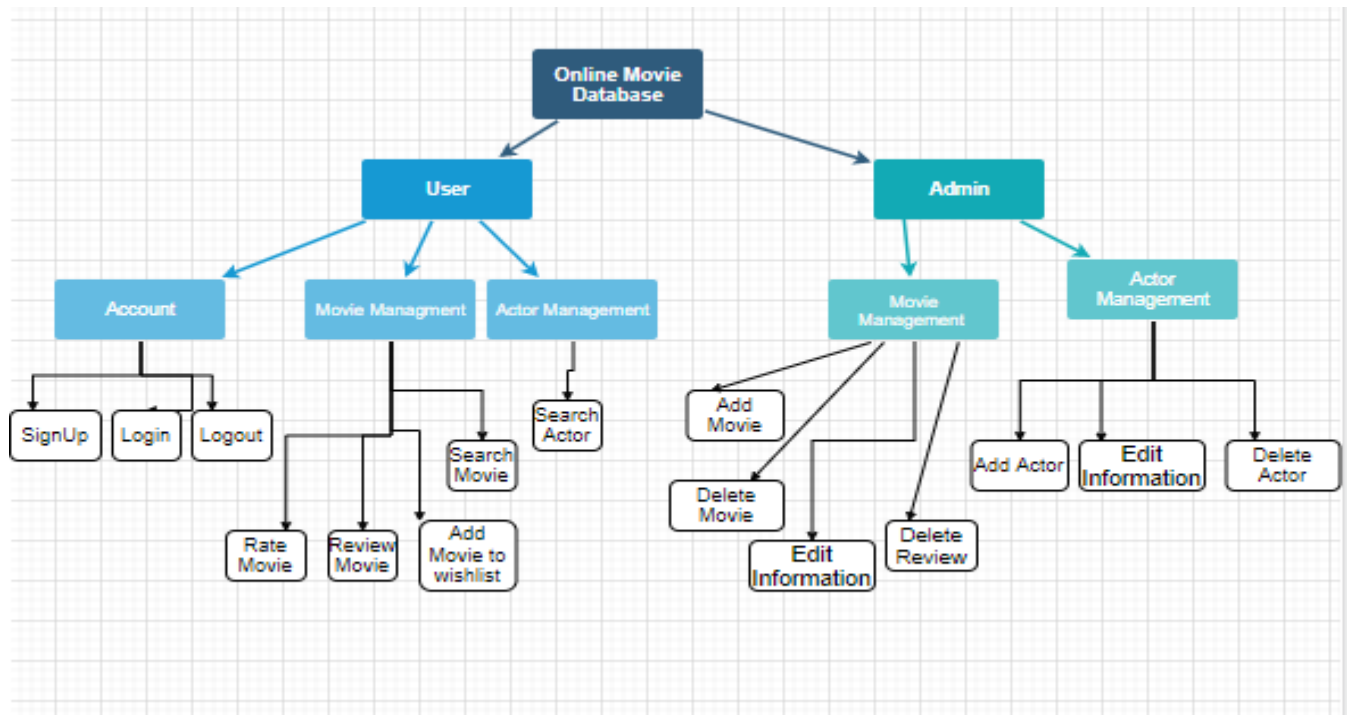
#### **7. Add Movie/Actor**

Admins of the system can add/delete a new movie or an actor. In addition, the admins can also delete a review and have all the editing accesses.

#### **iv. Task Scenarios**

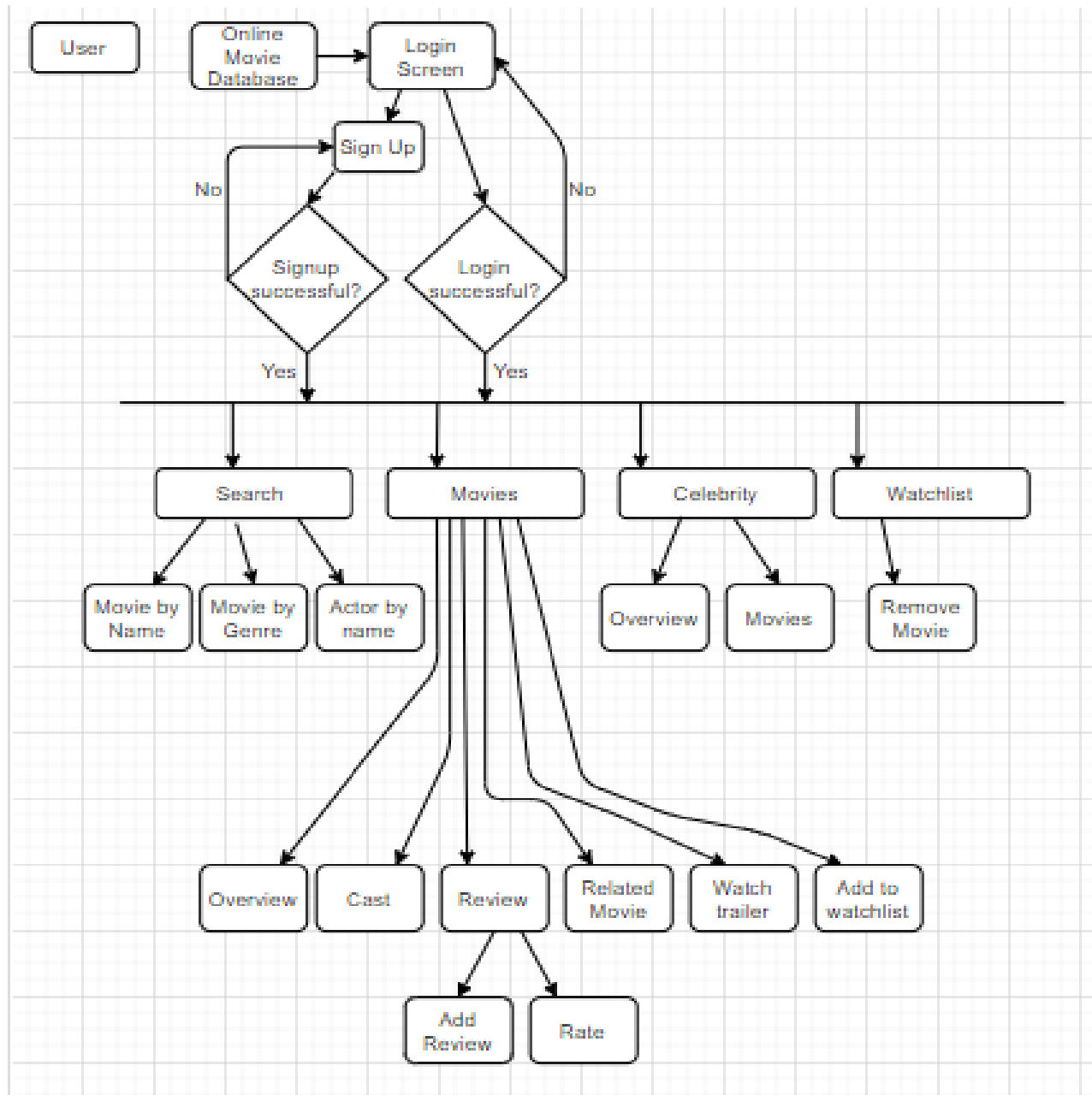
1. A user starts the web application in order to access the online movie database. If the user is a new, he will first signup but if he is already registered, than user can login to the website directly.
2. After login into the website user will see the homepage/dashboard of moving movies in a sliding format.
3. After being on the homepage/dashboard, the user can clock on a movie to go to specific movie's page or he can click on the search bar to search for a movie or an actor.
4. A user when clicks on a movie from the dashboard or searches for a movie by its name or genre, he is directed to main page for the movie information. At this page, the user can see the plot of the movie, the rating bar, review section. In addition, below this user can see the familiar movies too.
5. User can click on any of the 10 stars to rate the movie respectively. One star means one rating. User may also give a review by typing a comment. Moreover, the user can add the movie to the wish list, which he can see later.
6. User can delete or edit their reviews anytime they want. Moreover, the users can also change the rating they gave to a movie. Furthermore, user can remove movies from the wish list.
7. User also has the option to apply filter to movies i.e. top rated movies, which have a rating greater than a set criteria.
8. User may also search for actor by his name and see the general introduction of the actor and the movies the actor has worked in.
9. Admin is responsible for the adding and deleting of new movies and the admin can delete the review. In other words, the admin is the super user of the system.

## v. Task Organizational Model



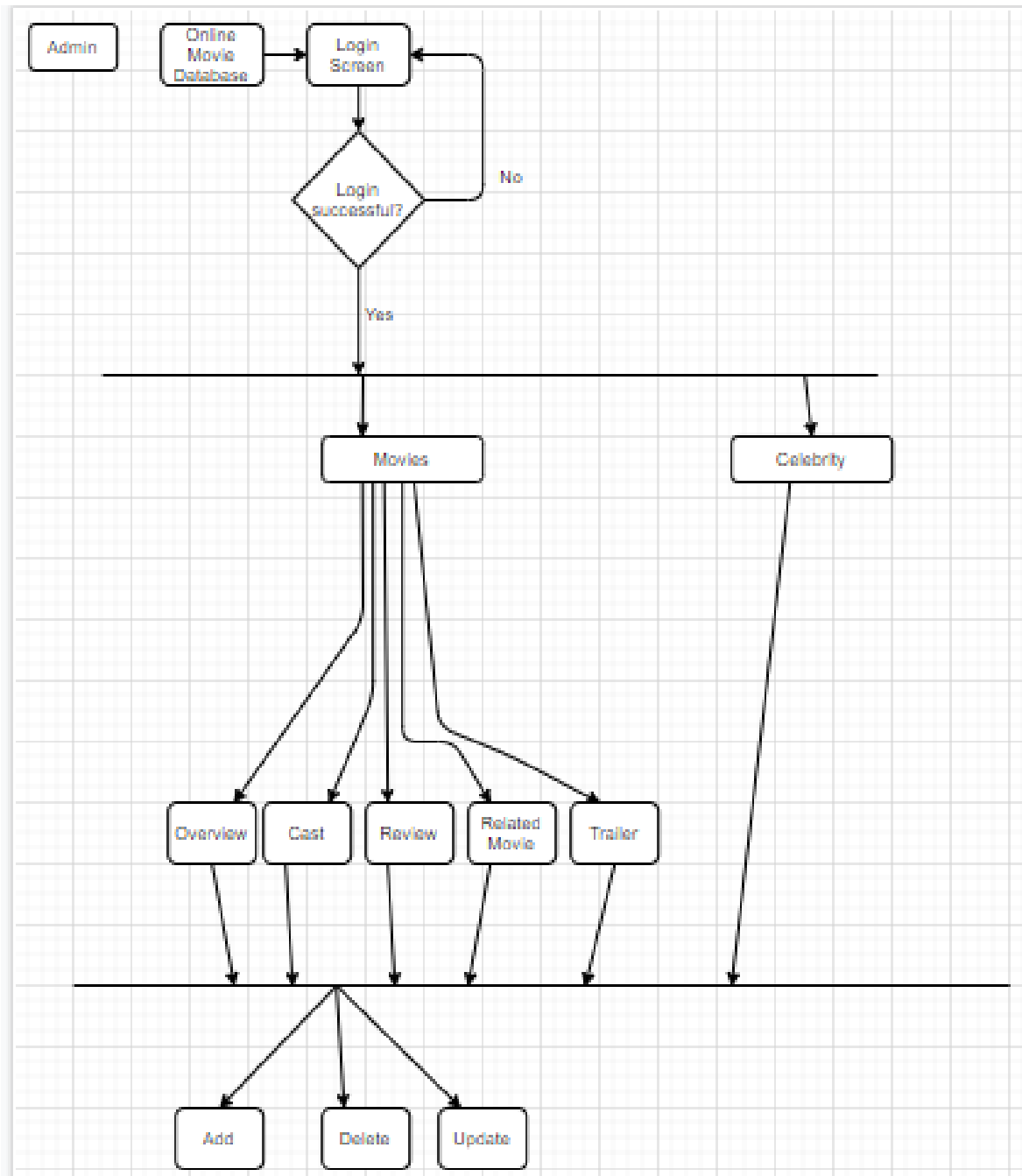
## Conceptual Model:

### USER:



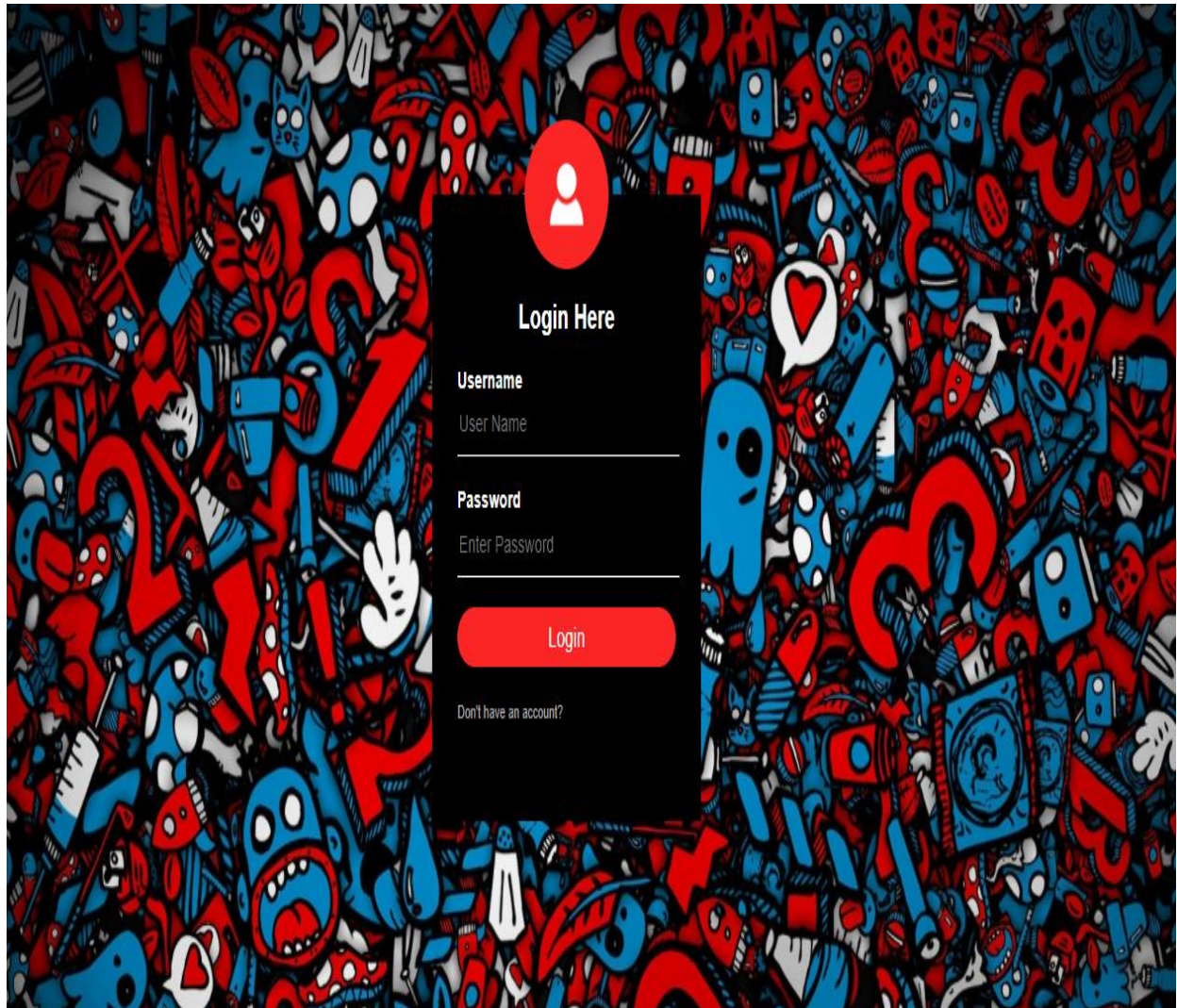
## Conceptual Model for Users

## ADMIN:

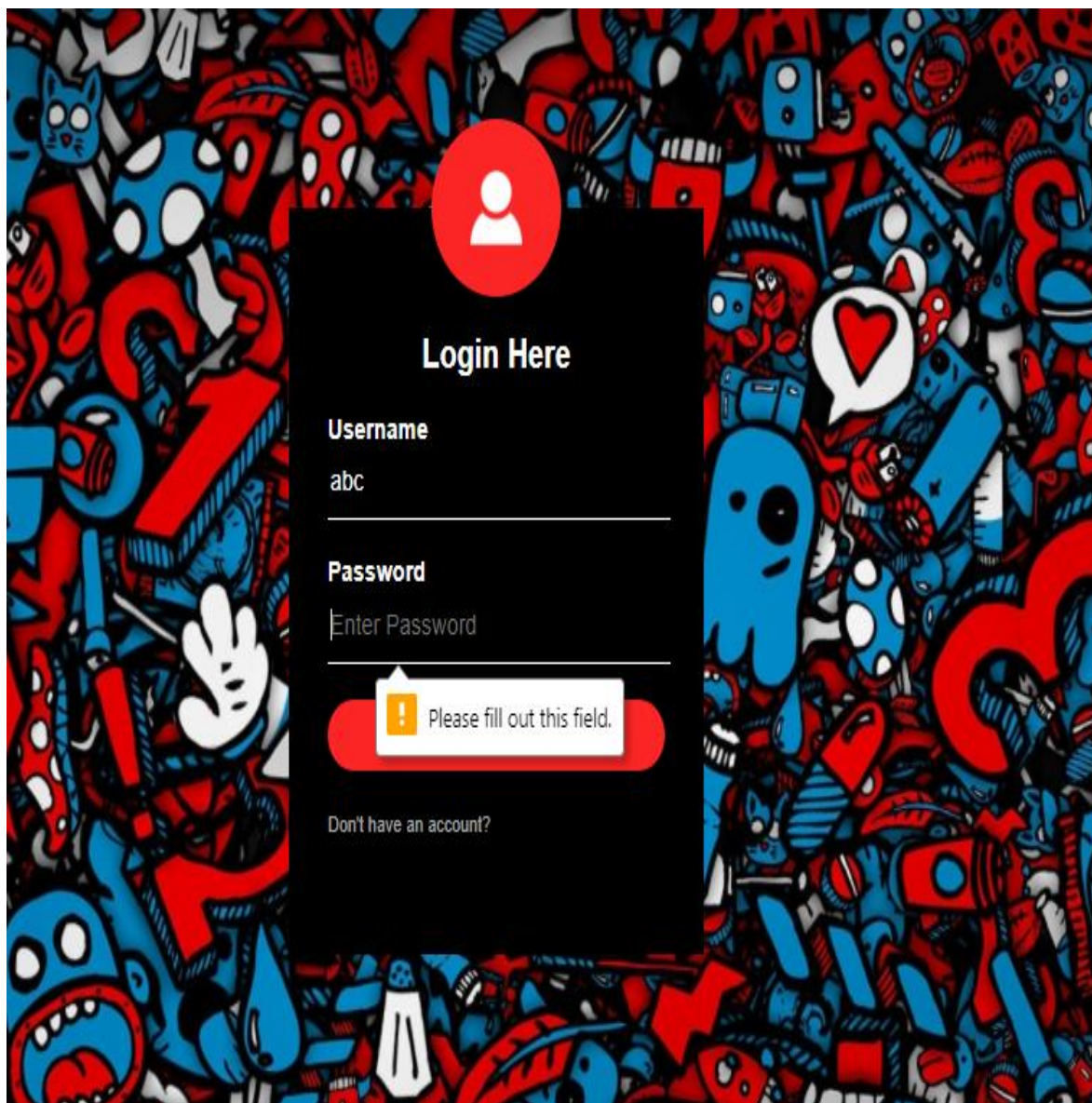


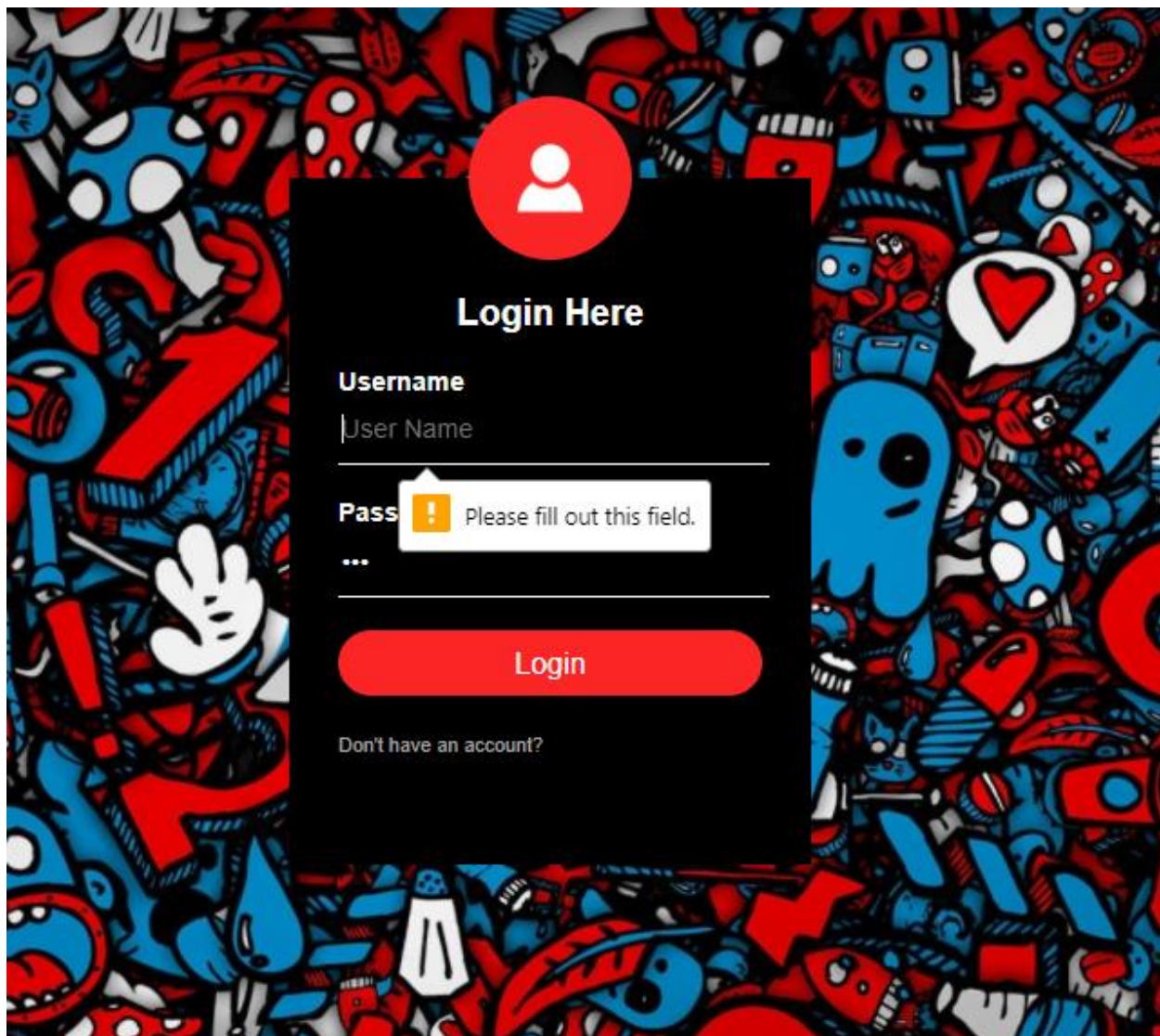
**Conceptual Model for Admin**

## Screenshots:











No User Found

OK



## Login Here

**Username**

hciuser

**Password**

\*\*\*\*\*

Login

[Don't have an account?](#)

## Signup

User name

Username

Email Address

enter your email

Password

Password

Contact Number

enter your phone number

Date of Birth

dd-mm-yyy

Age group

18-25

Gender:



Male



Female

Signup

[Already have an account ?](#)

Please Fill the form Completely!

OK

# Signup

User name

Username

Email Address

enter your email

Password

Password

Contact Number

enter your phone number

Date of Birth

dd-mm-yyyy

Age group

18-25

Gender:

Male

Female

Signup

Already have an account ?



# Signup

User name	Email Address
<input type="text" value="Username can contains letters and nums only!"/>	<input type="text" value="enter your email"/>
Password	Contact Number
<input type="password" value="*****"/>	<input type="text" value="enter your phone number"/>
Date of Birth	Age group
<input type="text" value="dd-mm-yyy"/>	<input type="text" value="18-25"/>
Gender: <input checked="" type="radio"/> Male <input type="radio"/> Female	
<input type="button" value="Signup"/>	
<a href="#">Already have an account ?</a>	

## Signup

User name

Username can contains letters and nums only!

Email Address

enter your email

Password

Pass must be at least 6 dig,1 num,1 upper,1 lower !

Contact Number

enter your phone number

Date of Birth

dd-mm-yyyy

Age group

18-25

Gender:

☐ Male

☐ Female

Signup

Already have an account ?

Already have an account?

incorrect format of Date!

OK

# Signup

User name

Username can contains letters and nums only!

Email Address

enter your email

Password

Pass must be at least 6 dig,1 num,1 upper,1 lower !

Contact Number

enter your phone number

Date of Birth

asdasd

Age group

18-25

Gender:

Male

Female

Signup

Already have an account ?



## Signup

User name

Username can contains letters and nums only!

Email Address

Invalid email Address!

Password

Pass must be at least 6 dig,1 num,1 upper,1 lower !

Contact Number

enter your phone number

Date of Birth

asdasd

Age group

18-25

Gender:



Male



Female

Signup

Already have an account ?

## Signup

User name

Username can contains letters and nums only!

Email Address

Invalid email Address!

Password

Pass must be at least 6 dig,1 num,1 upper,1 lower !

Contact Number

Number must be 11 digits only!

Date of Birth

asdasd

Age group

18-25

Gender:



Male



Female

Signup

[Already have an account ?](#)



## Signup

User name

trySS

Email Address

hciuser@gmail.com

Password

\*\*\*\*\*

Contact Number

03314228730

Date of Birth

03-06-1999

Age group

26-40

Gender:



Male



Female

Signup

Already have an account ?

Registered Successfully

OK

## Signup

User name

trySS

Email Address

hciuser@gmail.com

Password

\*\*\*\*\*

Contact Number

03314228730

Date of Birth

03-06-1999

Age group

26-40

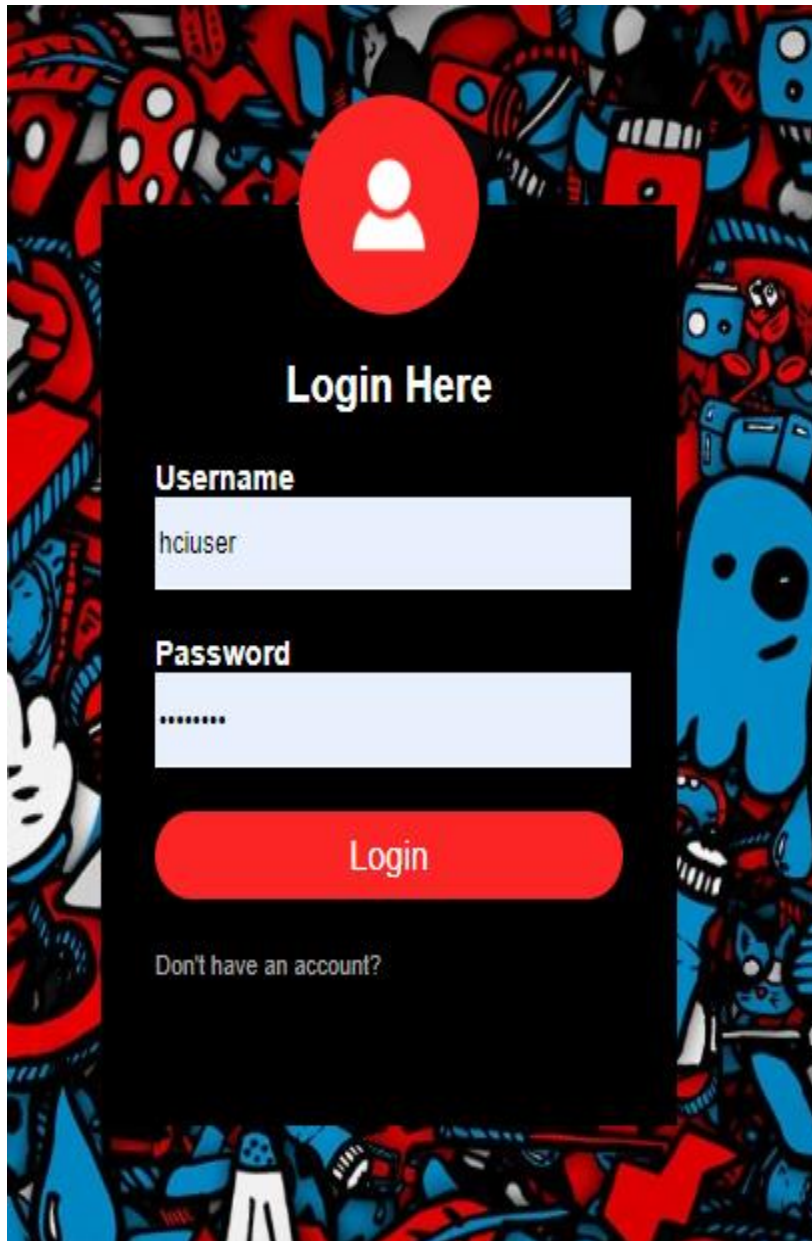
Gender:



Female

Signup

Already have an account ?





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CAPTAIN AMERICA: THE FIRST AVENGER (2011)

★ 4 /10



JOHN WICK (2014)

★ 7 /10



THE FATE OF THE FURIOUS (2017)

★  
No Reviews  
/10



THE PURSUIT OF HAPPYNESS (2006)

★  
No Reviews  
/10



SPIDER-MAN: FAR FROM HOME (2019)

★  
No Reviews  
/10



TERMINATOR: DARK FATE (2019)

★  
No Reviews  
/10



▶ WATCH TRAILER

📖 ADD TO WATCHLIST

# John Wick (2019) 17/05/2019 12:00:00 AM

◀ SHARE

★ 7 /10  
2 Reviews

Rate This Movie: ☆☆☆☆☆☆☆☆☆

- OVERVIEW
- REVIEWS
- CAST
- RELATED MOVIES

John Wick is on the run after killing a member of the international assassin's guild, and with a \$14 million price tag on his head, he is the target of hit men and women everywhere.


Director:  
Chad Stahelski

Stars:

Genres:  
Thriller

Release Date:  
17/05/2019 12:00:00 AM

 7/10  
2 Reviews

Rate This Movie: 

OVERVIEW

REVIEWS

CAST

RELATED MOVIES

Found 2 reviews in total



hciuser

8 ★

Good Movie

Add a Review

Write a Review



OVERVIEW

REVIEWS

**CAST**

RELATED MOVIES

Cast & Crew of

## John Wick (2019)

### DIRECTORS

---

Chad Stahelski

... Director

### CAST

---

OVERVIEW

REVIEWS

CAST

RELATED MOVIES

Related Movies To

**John Wick (2019)**

---

Found 0 movies in total

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▶ WATCH TRAILER

📺 ADD TO WATCHLIST

## SEARCH RESULTS

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AVENGERS: ENDGAME (2019)

Found 31 celebrities in total



Hugh Jackman



Tom Hardy



Leonardo DiCaprio



Emma Stone

## SEARCH RESULTS

[HOME](#) > [ACTORS](#)

Found 1 actors in total.



EMMA STONE



## Leonardo DiCaprio

Actor



### OVERVIEW

### MOVIES

Few actors in the world have had a career quite as diverse as Leonardo DiCaprio's. DiCaprio has gone from relatively humble beginnings, as a supporting cast member of the sitcom *Growing Pains* (1985) and low budget horror movies, such as *Critters 3* (1991), to a major teenage heartthrob in the 1990s, as the hunky lead actor in movies such as *Romeo*



## Leonardo DiCaprio

Actor



OVERVIEW

MOVIES

Worked in Movies

Leonardo DiCaprio

---

Found 0 movies in total.

---


Inbox - i174010@lhr.nu.edu.pk

Login Required - SLATE

Movies Database

localhost:63750/movies/Details/2

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ACTORS


ACTORS

BY NAME

BY GENRE

Search for movie or actors

Search



John Wick (2019)17/05/2019 12:00:00 AM

SHARE

7 /10

2 Reviews

Rate This Movie: ☆☆☆☆☆☆☆☆☆

OVERVIEW

REVIEWS

CAST

RELATED MOVIES

Related Movies To

John Wick (2019)

Type here to search



2:26 PM

26/12/2020



