**MOVIE RECOMMENDATION AND RATING WEBSITE**

**BY**

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A project report submitted to

**Prof. PUNITHA K**

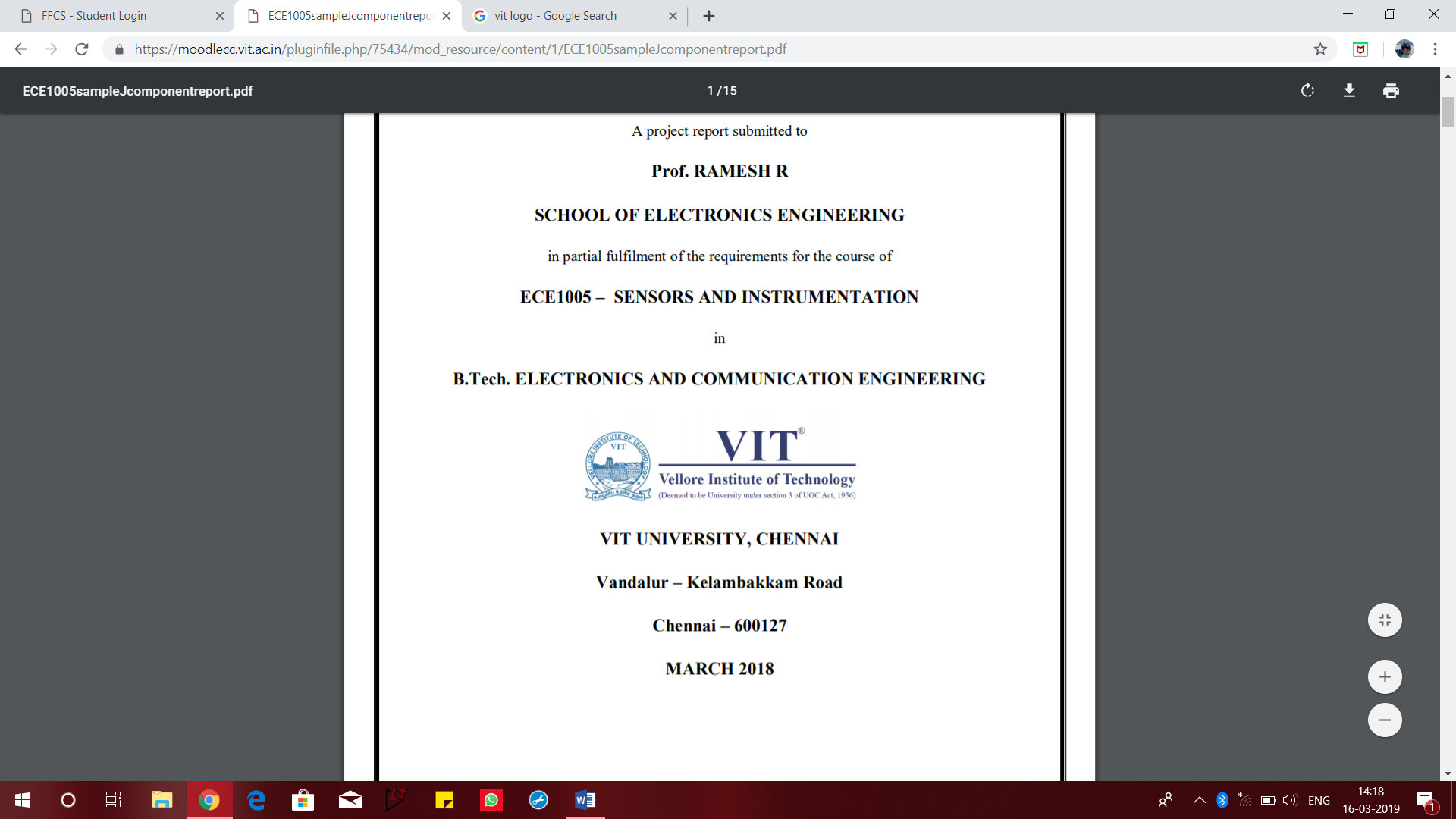
**SLOT:B2+TB2**

In partial fulfilment of the requirements for the course of

**CSE3021-SOCIAL AND INFORMATION NETWORKS**

IN

**B.tech COMPUTER SCIENCE ENGINEERING**



**VIT UNIVERSITY, CHENNAI**

**VANDALUR KELAMBAKAM ROAD**

**CHENNAI-600127**

**BONAFIDE CERTIFICATE**

**Certified that this project report entitled “MOVIE RECOMMENDATION WEBSITE”**

**Is a bonafide work done by**

**Sruti Verma [18BCE1005],**

**K.G.Nithesh Gurudaas [18BCE1101]**

**Who carried out the project work under my supervision and guidance.**

###### **Prof. PUNITHA K**

VIT University, Chennai

Chennai- 600 127.

**OBJECTIVE:**

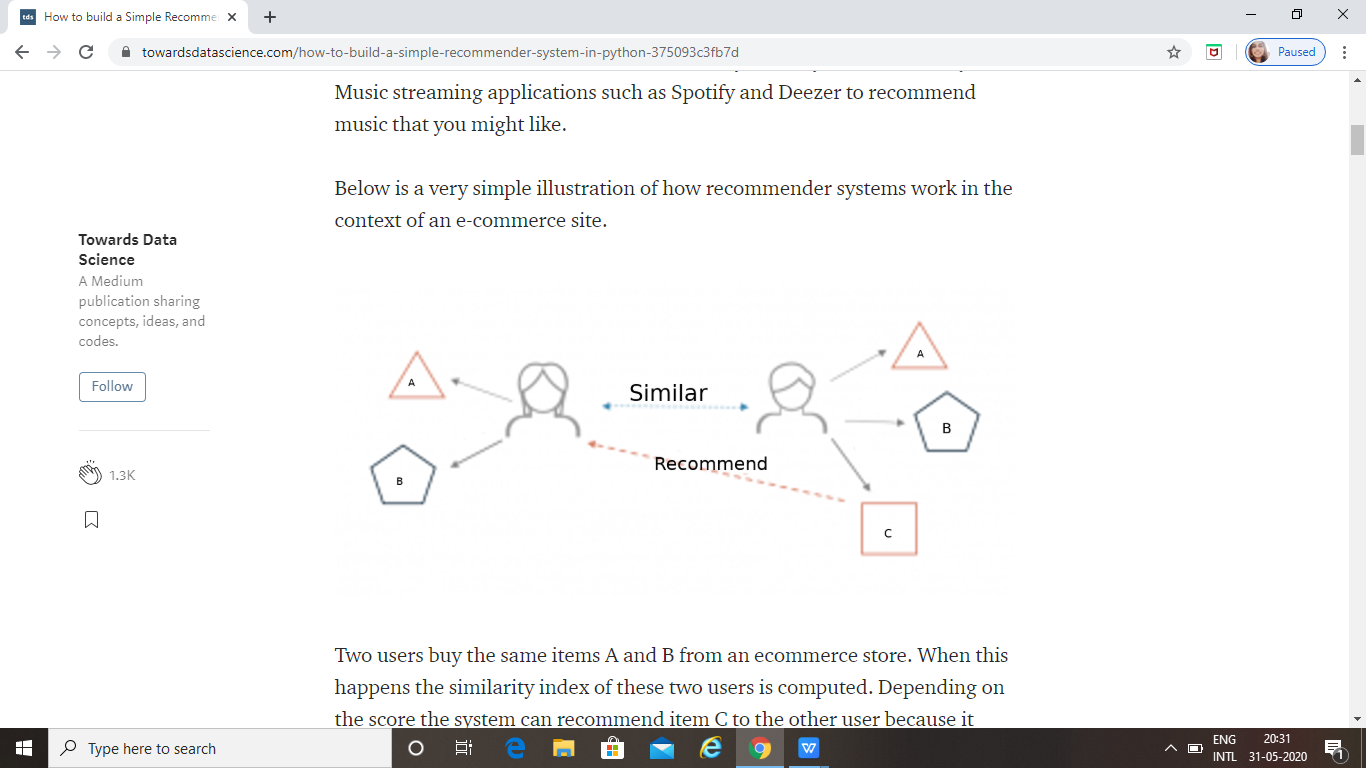
***The aim of MOVIE RECOMMENEDATION AND RATING WEBSITE is to RECOMMEND THE USER MOVIES BASED UPON HIS INTEREST using HTML,CSS,JS,PHP,PYTHON,JUPYTER,NOTEBOOK,NOTEPAD.***

A recommender system is a simple algorithm whose aim is to provide the most relevant information to a user by discovering patterns in a dataset. The algorithm rates the items and shows the user the items that they would rate highly. An example of recommendation in action is when you visit Amazon and you notice that some items are being recommended to you or when Netflix recommends certain movies to you. They are also used by Music streaming applications such as Spotify and Deezer to recommend music that you might like.

**1 Introduction:**

The most common types of recommendation systems are **content based** and **collaborative filtering** recommender systems. In collaborative filtering the behavior of a group of users is used to make recommendations to other users. Recommendation is based on the preference of other users. A simple example would be recommending a movie to a user based on the fact that their friend liked the movie.There are two types of collaborative models **Memory-based** methods and **Model-based** methods.The advantage of memory-based techniques is that they are simple to implement and the resulting recommendations are often easy to explain. They are divided into two:

* **User-based collaborative filtering**: In this model products are recommended to a user based on the fact that the products have been liked by users similar to the user. For example if Derrick and Dennis like the same movies and a new movie comes out that Derick likes,then we can recommend that movie to Dennis because Derrick and Dennis seem to like the same movies.
* **Item-based collaborative filtering**: These systems identify similar items based on users’ previous ratings. For example if users A,B and C gave a 5 star rating to books X and Y then when a user D buys book Y they also get a recommendation to purchase book X because the system identifies book X and Y as similar based on the ratings of users A,B and C.



**2 Project description:**

***RELATION WITH SOCIAL NETWORKING?***

This project is extrapolated to social networking because several websites use similar recommendation algorithms such as YouTube and Facebook and Instagram as they suggest friends based on your circle, videos based on what you have watched.

* Each movie has a set of keywords, cast, genre and director, and some more attributes.
* The attributes listed above are used along with a similarity cosine function to find out a value that can be used for finding out how interrelated the movies are.
* Movies with high cosine similarity is very similar to the one entered by user
* Then, we sort the movies based on this value and, the movies with the top ten values are displayed on screen from a dataset of almost 5000 movies .
* Jupyter notebook( Python) is being used for this calculation. Google Colab is being used for this particular Jupyter notebook.

**3 REQUIREMENT ANALYSIS:**

**3.1 OVERVIEW OF SOFTWARE USED**

**XAMPP – for running localhost**  is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

**WE HAVE USED XAMPP FOR RUNNING OUR WEBSITE.**

**Notepad** is a simple text editor for Microsoft Windows and a basic text-editing program which enables computer users to create documents. It was first released as a mouse-based MS-DOS program in 1983, and has been included in all versions of Microsoft Windows since Windows 1.0 in 1985.

**WE HAVE USED NOTEPAD FOR WRITING HTML, CSS, JS, AND SUBLIME TEXT EDITOR FOR PHP CODE.**

**PyCharm-Python web server** is an integrated development environment used in computer programming, specifically for the Python language. It is developed by the Czech company JetBrains.

**Project Jupyter** is a nonprofit organization created to "develop open-source software, open-standards, and services for interactive computing across dozens of programming languages". Spun-off from IPython in 2014 by Fernando Pérez, Project Jupyter supports execution environments in several dozen languages.

**3.2 OVERVIEW OF LANGUAGES USED**

**Hypertext Markup Language (HTML)** is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

**Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

**JavaScript, often abbreviated as JS,** is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

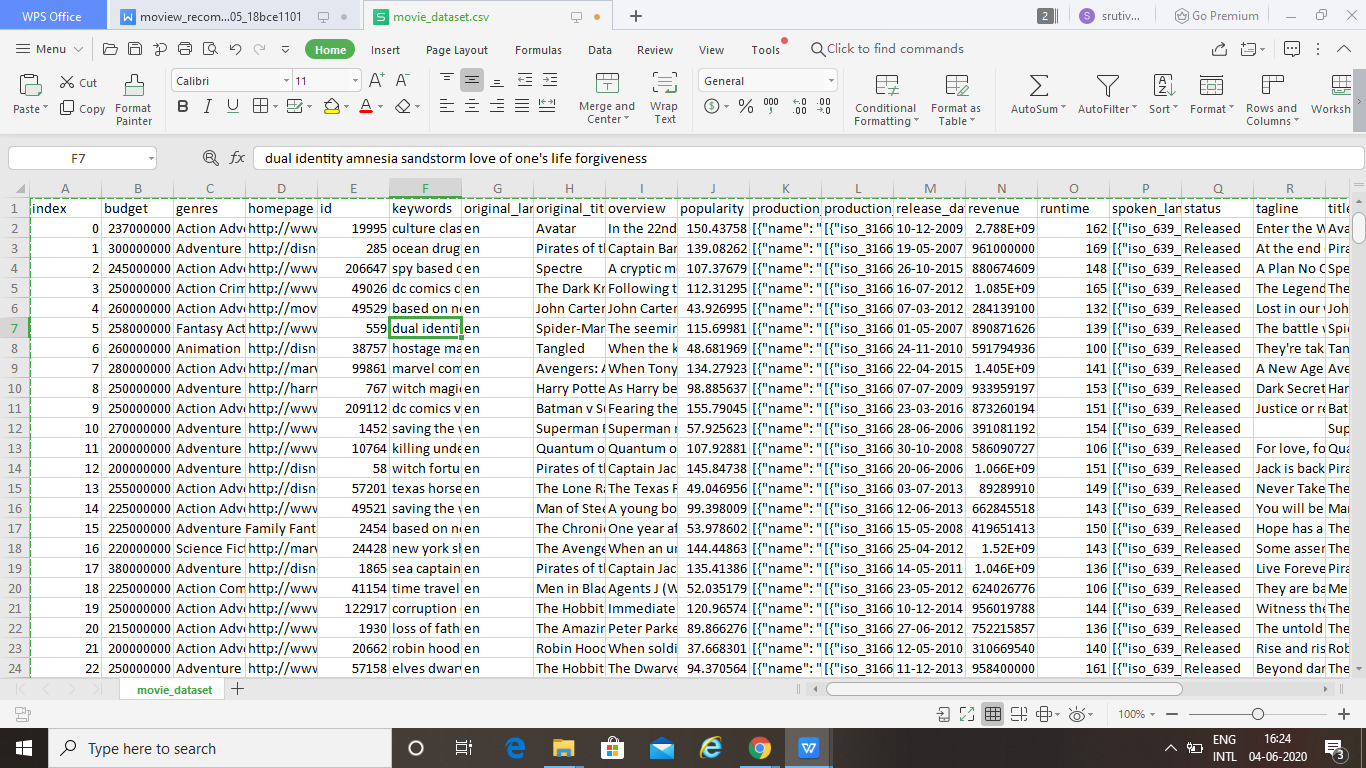
**jQuery** is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open-source software using the permissive MIT License.

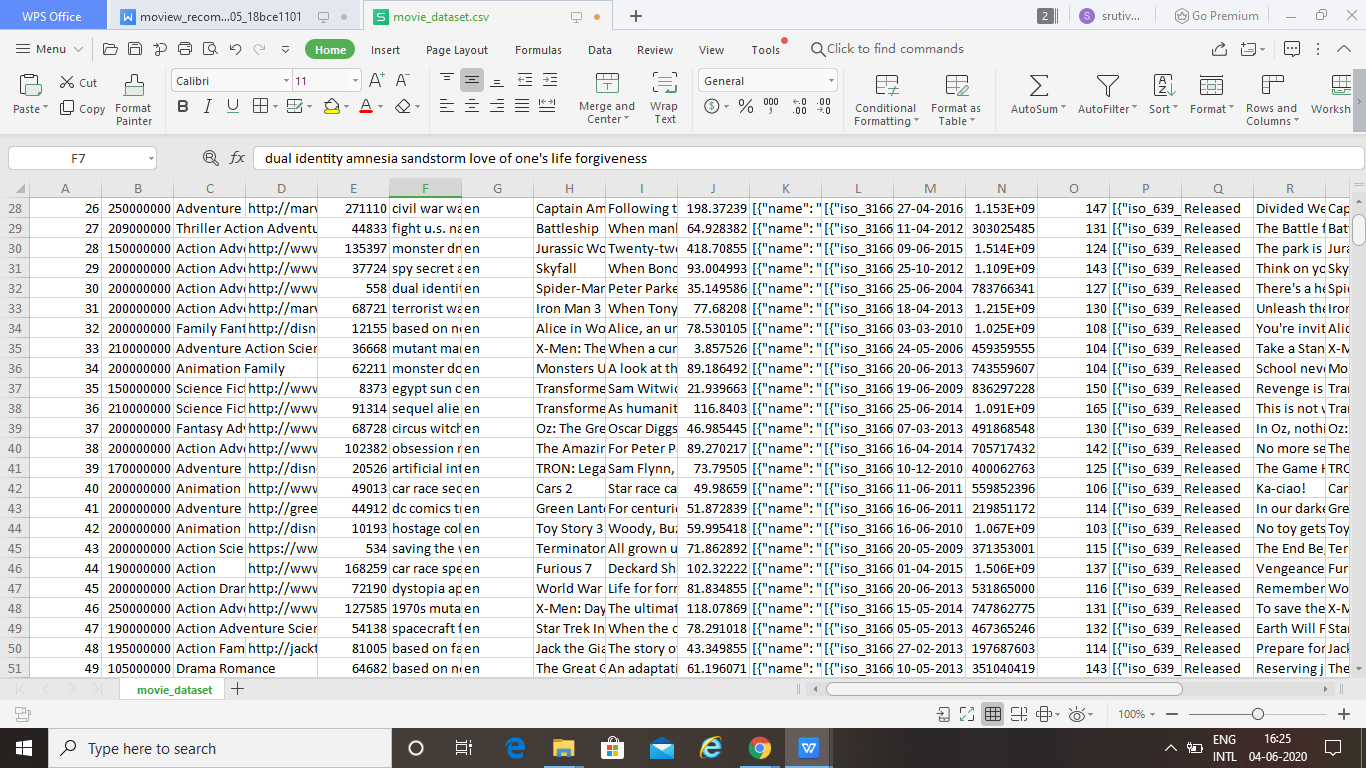
**PHP** is a popular general-purpose scripting language that is especially suited to web development for **back end.** It was originally created by Rasmus Lerdorf in 1994; the PHP reference implementation is now produced by The PHP Group.

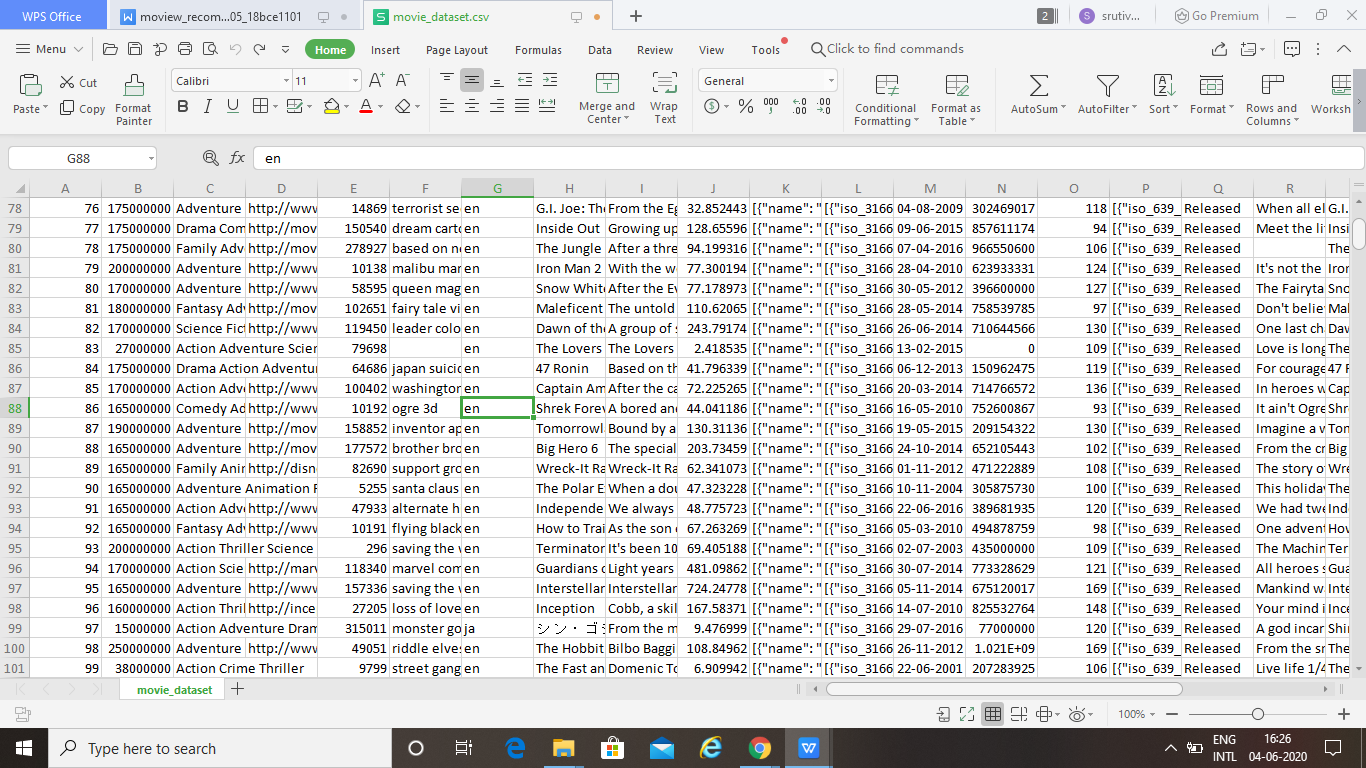
**Python** is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace.

**3.3 DATASETS**

THIS IS JUST FEW OF THE DATASETS DETAILS MENTIONED. WE HAD TAKEN 5000 MOVIES DATA.







**4.Methodology used:**

### Cosine similarity measure

Cosine similarity is a similarity function that is often used in information retrieval, and it is also one of the most popular similarity calculations applied to text documents, for numerous information retrieval applications , as well as clustering . When documents are represented as vectors, the similarity in two documents corresponds to the correlation between the vectors. This is quantified as the cosine of the angle between vectors. Given two documents ta→ta→ and tb→tb→, their cosine similarity can be represented as

SIMC(ta→,tb→)=ta→.tb→∣∣∣ta→∣∣∣×∣∣∣tb→∣∣∣SIMC(ta→,tb→)=ta→.tb→|ta→|×|tb→|

(1)

where ta→ta→ and tb→tb→ are m-dimensional vectors over the term set T = {t1,…, tm}. Each dimension represents a weight in the document, which is non-negative and bounded between [0, 1]. For example, when combining two identical copies of document *d* to get a new pseudo document *d’*, the cosine similarity between *d* and *d’* is 1, which means that these two documents are regarded to be identical. At the same time, given another document *l*, *d* and *d’* will have the same similarity value as that of *l*, that is SIM(td→,tl→)=SIM(td′−→,tl→)SIM(td→,tl→)=SIM(td′→,tl→). Otherwise, documents with the same composition but different totals will be treated identically. When the term vectors are normalized to a unit length such as 1, the representation of *d* and *d’* will be the same.

Movies with high cosine similarity is very similar to the one entered by user

Then, we sort the movies based on this value and, the movies with the top ten values are displayed on screen from a dataset of almost 5000 movies .

**5.Module List:**

1. ***HOME PAGE***
2. ***CHAT FORUM***
3. ***Explanation of backend of chat forum***
4. ***Movie Recommendation website front end***
5. ***Movie Recommendation website working procedure***
6. ***Explanation of backend***

**6Module description:**

1. **HOME PAGE**

* It consists of various categories of movies for the user like ADVENTURE,ACTION,ANIMATION,COMEDY,DRAMA,THRILLER,CRIME,MUSIC,ROMANCE,SCI-FI.
* After clicking ACTION,the user can get movies related to ACTION.
* The HOME PAGE also consists of pictures of many movies moving through a slide show.

**2.CHAT FORUM**

* First, users will have to **register in the Chat app**
* Next, they can log in and start chatting with other users
* They have an option next to the username of each user, to start a chat with them. They can **text and send images and can also delete messages or images they no longer need.**
* You can also see when a user is **online or offline.**
* There is also a **group chat option** to converse with everyone present in the chat application
* Users can then **log out** after conversing with the desired person

**3.Explanation of backend of chat forum**

1. A table is present for the users, and it **collects data about username and password**. A **separate table is used for storing messages, and it contains data such as the message, sender username, receiver username, time stamp.**
2. Upon registration, a form is called to insert the values into the users table.
3. When a user sends a message to receiver, **another form is called that inserts all the values, such as sender username, receiver username, message, etc into the messages table.**
4. Login verification is done by JavaScript and PHP combined.

**4. Movie Recommendation website front end**

You have to enter a **movie name** and after clicking search button you will be **given movies list which are similar to the movie entered.**

1. **Movie Recommendation website working procedure**

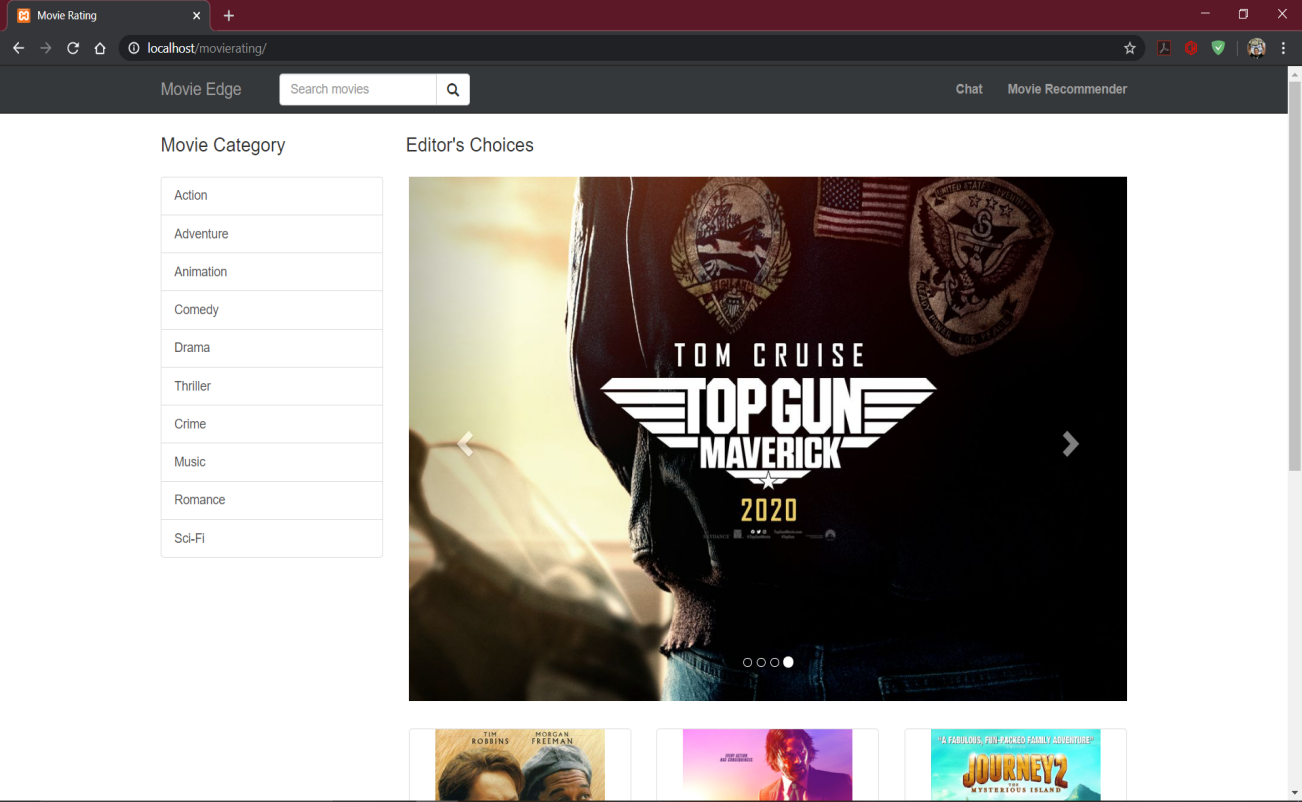
* Each movie has a **set of keywords, cast, genre and director, and some more attributes.**
* The attributes listed above are used along with **a similarity cosine function** to find out a value that can be used for finding out how interrelated the movies are.
* Movies with high cosine similarity is very similar to the one entered by user
* Then, we sort the movies based on this value and, the movies with the top ten values are displayed on screen from **a dataset of almost 5000 movies .**
* Jupyter notebook( Python) is being used for this calculation. Google Colab is being used for this particular Jupyter notebook.

1. **Explanation of backend**
2. We have created a table that contains all the information about the movies, such as title, release date, actors, director, rating, etc.
3. PHP code extracts all the movies and displays it in the homepage.
4. PHP code also has a sort function to filter movies based on criteria.
5. **Output:**
6. **Movies database**

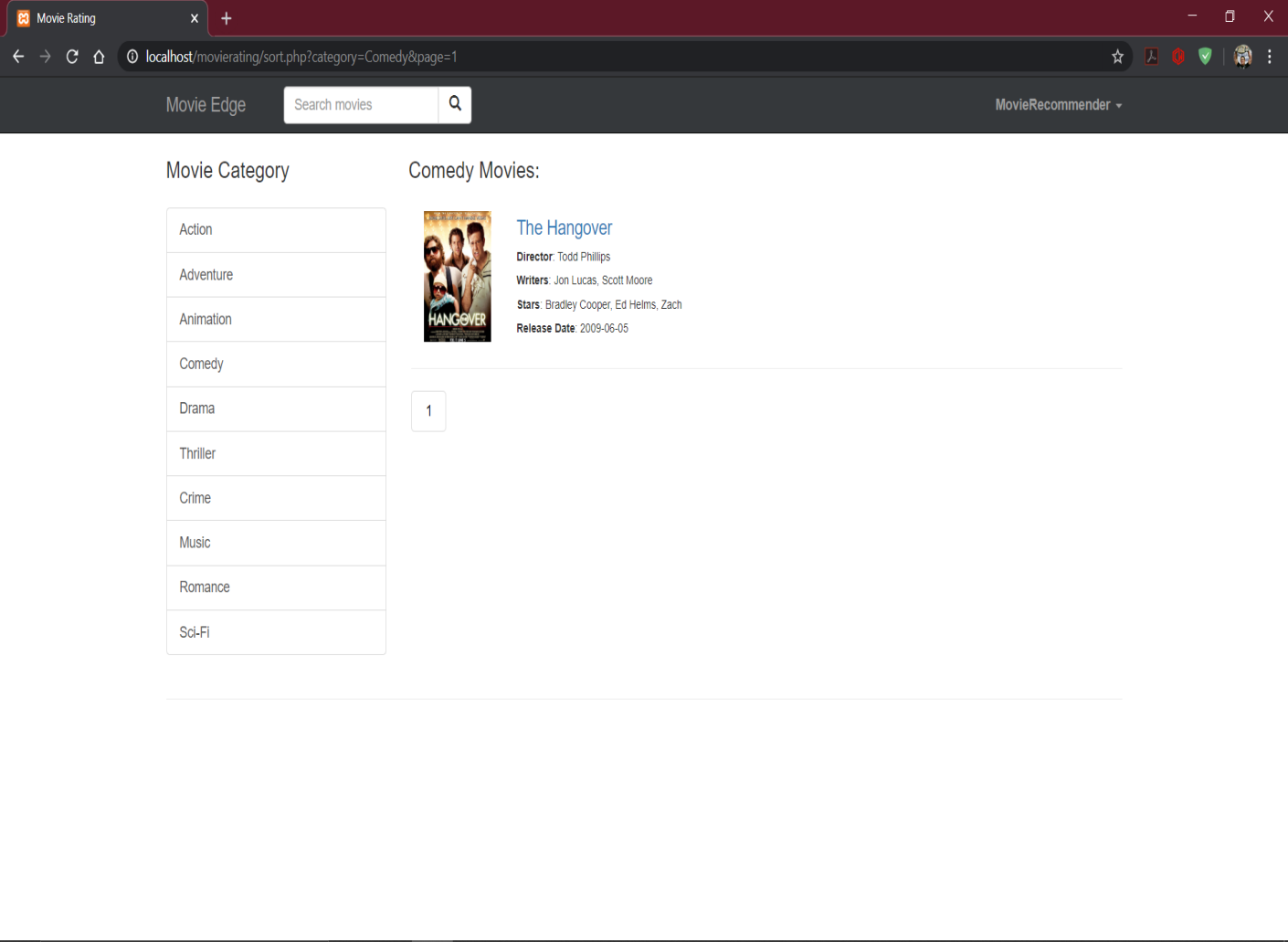
A screenshot of a computer

Description generated with very high confidence

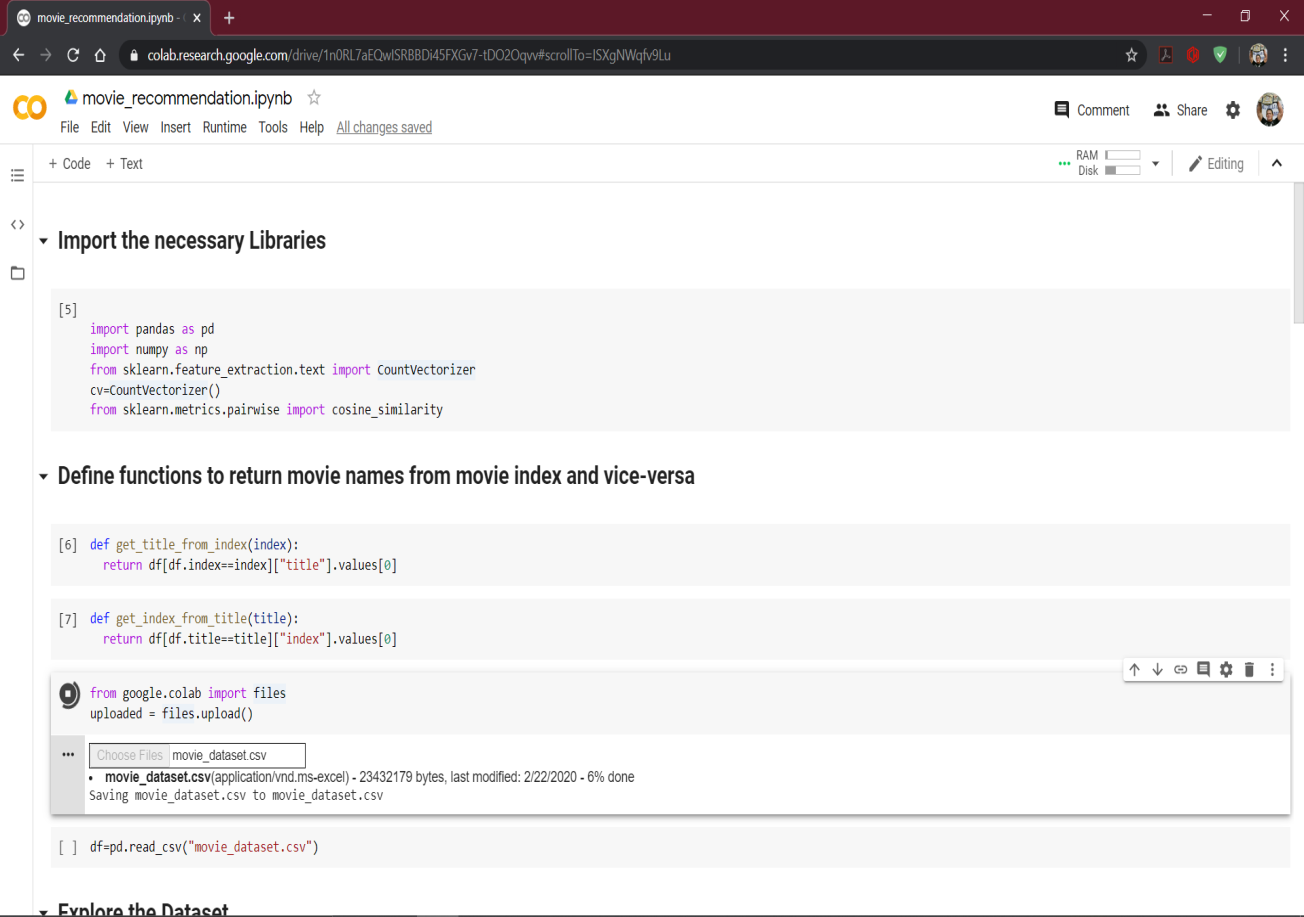
1. **HOME PAGE**



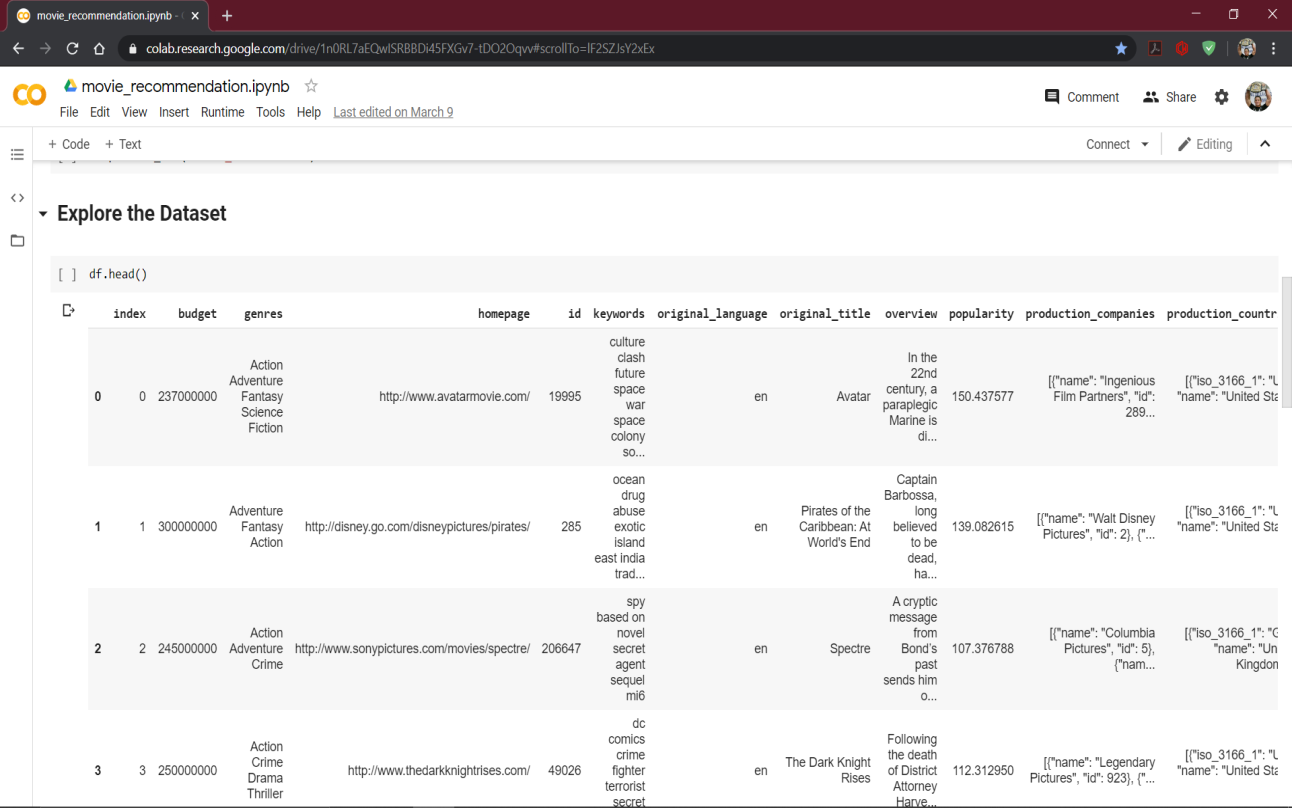
1. **CATEGORY LIST OF MOVIES**



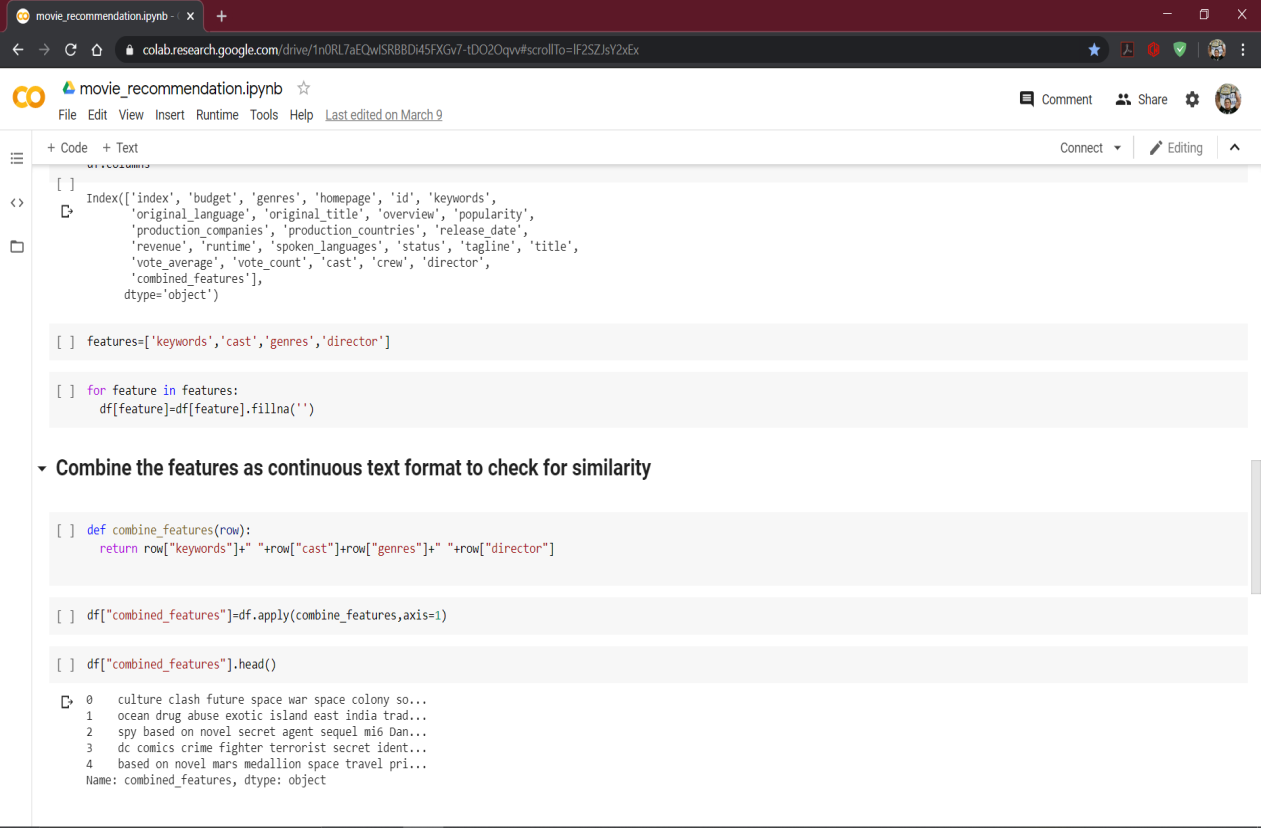
1. **Jupyter notebook for Movie Recommendation**



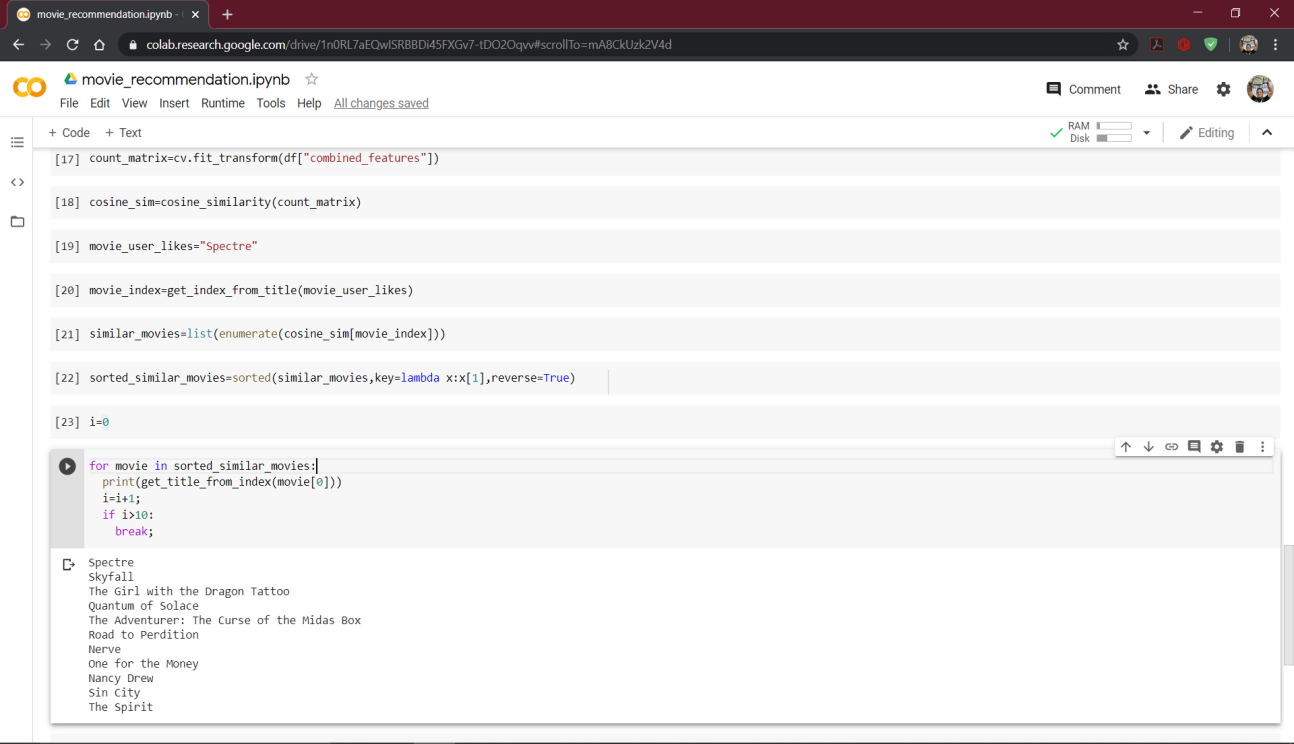
1. **Dataset attributes**



**F.Code OF MOVIE RECOMMENDATION**



G**.RESULTS OF RECOMMENDATION IN BACK END**



1. **RECOMMENDATION PAGE FRONT END**



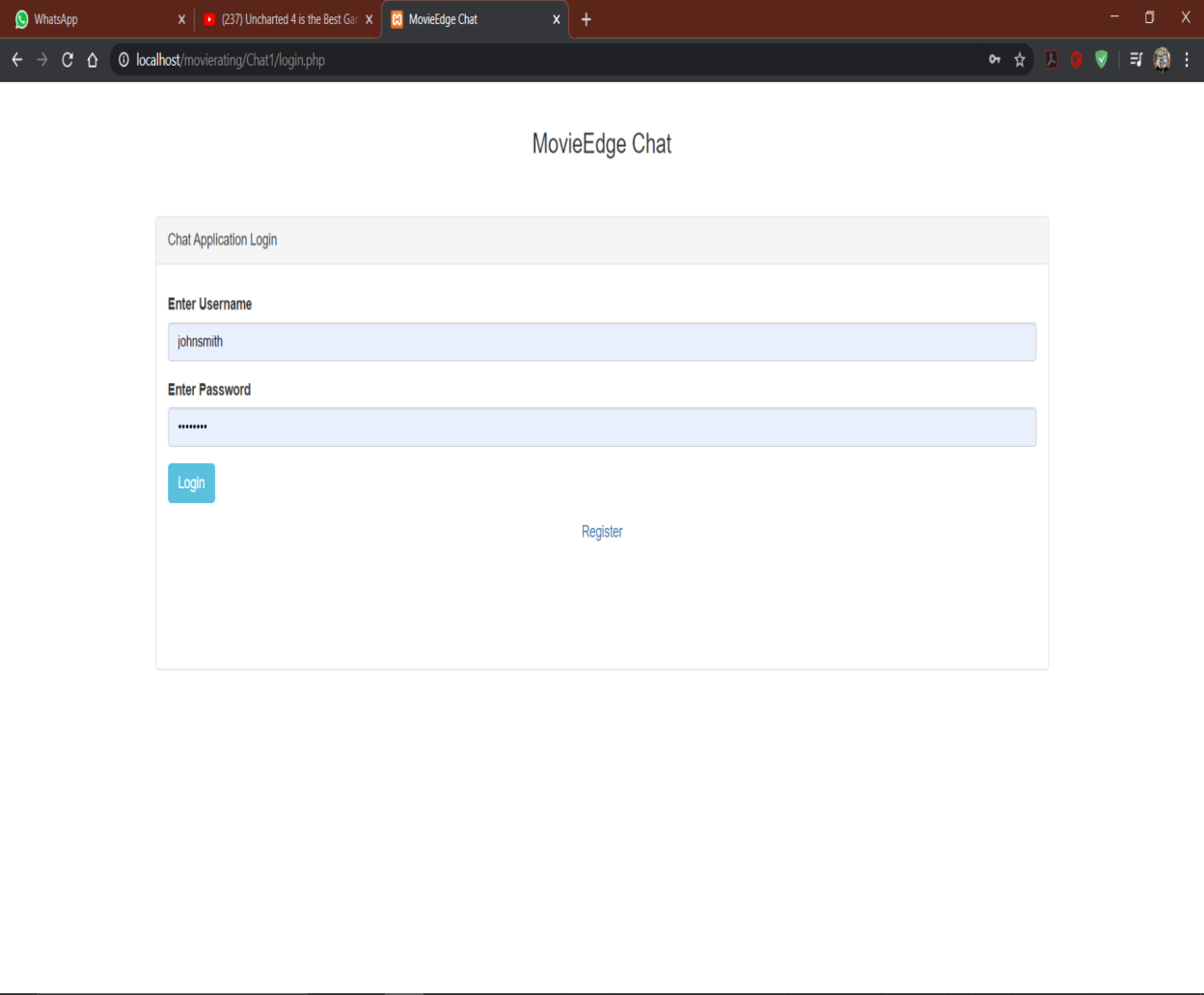
1. **TYPE ANY MOVIE**

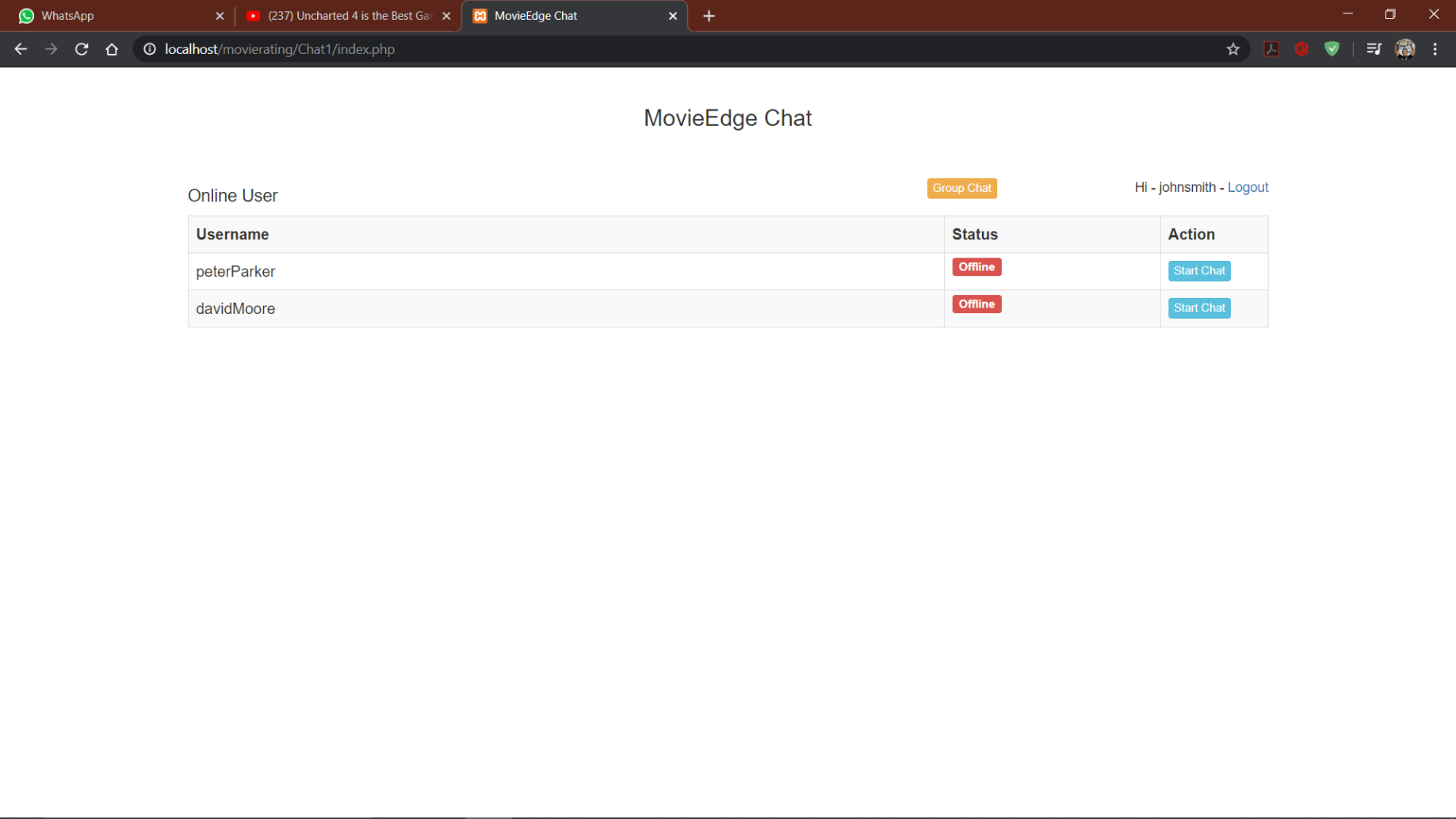


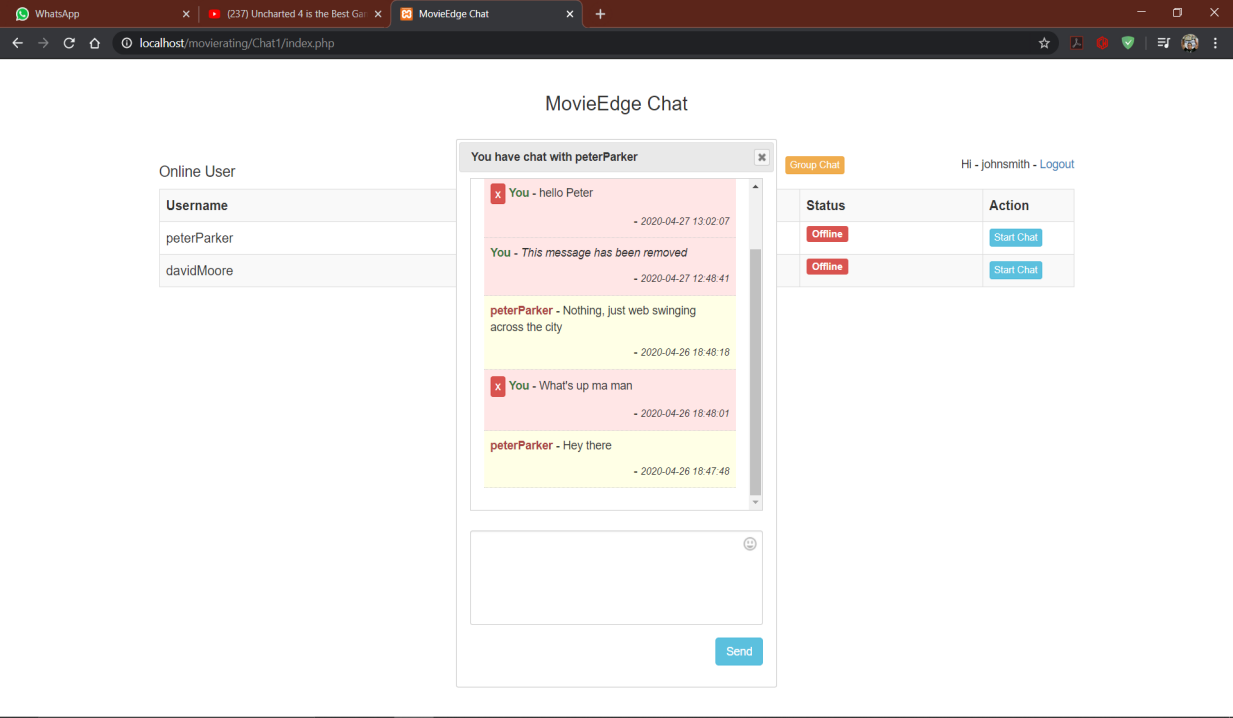
1. **MOVIES SIMILAR TO THE AVENGERS IS LSITED**



**K.CHAT FORUM**







**L.Table of Users, along with encrypted password**

A screenshot of a cell phone

Description generated with very high confidence

1. **Code:**

**Index.php:**

<?php ?>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="description" content="">

<meta name="author" content="">

<title>Movie Rating</title>

<link href="css/bootstrap.min.css" rel="stylesheet">

<link href="css/movindex.css" rel="stylesheet">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

<script src="js/focus.js"></script>

<script src="js/functions.js"></script>

<!-- optimized for mobile -->

<script>

$(window).on("load resize", function () {

if($(window).width() < 995){

$('#catdesk').hide();

$('#catmob').show();

$('#mobsep').show();

}else{

$('#catmob').hide();

$('#catdesk').show();

$('#mobsep').hide();

}

}).resize();

</script>

</head>

<body>

<!-- Navigation -->

<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation" style="background-color:#35383B;">

<div class="container">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="index.php">Movie Edge</a>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<div class="col-sm-3 col-md-3">

<form action="searchmov.php?" method="GET" class="navbar-form" role="search">

<div class="input-group">

<input name = "name" type="text" class="form-control" placeholder="Search movies" name="q">

<div class="input-group-btn">

<button class="btn btn-default searchheight" type="submit"><i class="glyphicon glyphicon-search"></i></button>

</div>

</div>

</form>

</div>

<ul id="upright" class="nav navbar-nav navbar-right">

<li><a href="Chat1/index.php"><b>Chat</b></a></li>

<li><a href="http://127.0.0.1:5000/"><b>Movie Recommender</b></a>

</li>

<?php

if(isset($\_COOKIE['movierating'])){

session\_start();

if($\_SESSION['admin'] === 1){

echo "<li><a href='managemovies.php?page=1'><b>Manage Movies</b></a></li>";

}

echo "<li><a><b>". $\_COOKIE['movierating'] . "</b></a></li>";

}

?>

</ul>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container -->

</nav>

<!-- Page Content -->

<div class="container">

<div class="row">

<div class="col-md-3" id="catdesk" style="display: none">

<p class="lead">Movie Category</p>

<div class="list-group">

<a href="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</a>

<a href="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</a>

<a href="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</a>

<a href="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</a>

<a href="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</a>

<a href="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</a>

<a href="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</a>

<a href="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</a>

<a href="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</a>

<a href="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</a>

</div>

</div>

<!--optimized for mobile-->

<div class="col-md-3" id="catmob" style="display: none">

<p class="lead">Movie Category</p>

<select class="form-control" id="Category">

<option value="empty" selected="selected">Select a Categoy</option>

<option value="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</option>

<option value="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</option>

<option value="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</option>

<option value="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</option>

<option value="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</option>

<option value="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</option>

<option value="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</option>

<option value="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</option>

<option value="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</option>

<option value="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</option>

</select>

</div>

<span id='mobsep'><br /><br /></span>

<div class="col-md-9">

<div class="row carousel-holder">

<p class="lead">&nbsp&nbspEditor's Choices</p>

<div class="col-md-12">

<div id="carousel-example-generic" class="carousel slide" data-ride="carousel">

<ol class="carousel-indicators">

<li data-target="#carousel-example-generic" data-slide-to="0" class="active"></li>

<li data-target="#carousel-example-generic" data-slide-to="1"></li>

<li data-target="#carousel-example-generic" data-slide-to="2"></li>

<li data-target="#carousel-example-generic" data-slide-to="3"></li>

</ol>

<div class="carousel-inner">

<div class="item active">

<a href='movieinfo.php?name=Dolittle'><img class="slide-image" src="img\dolittle.jpg"></a>

</div>

<div class="item">

<a href='movieinfo.php?name=tenet'><img class="slide-image" src="img\tenet.jpg"></a>

</div>

<div class="item">

<a href='movieinfo.php?name=No%20time%20to%20Die'><img class="slide-image" src="img\notimetodie.jpg"></a>

</div>

<div class="item">

<a href='movieinfo.php?name=TopGunMaverick'><img class="slide-image" src="img\topgun.jpg"></a>

</div>

</div>

<a class="left carousel-control" href="#carousel-example-generic" data-slide="prev">

<span class="glyphicon glyphicon-chevron-left"></span>

</a>

<a class="right carousel-control" href="#carousel-example-generic" data-slide="next">

<span class="glyphicon glyphicon-chevron-right"></span>

</a>

</div>

</div>

</div>

<div class="row">

<!-- 320\*150 -->

<!-- add -->

<?php

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies ORDER BY RAND() LIMIT 6";

$result = mysqli\_query($con,$sql);

while($row = mysqli\_fetch\_array($result)){

echo "<div class='col-sm-4 col-lg-4 col-md-4'>";

echo "<div class='thumbnail' style='height: 340px;display: table;width: 100%;'>";

$cover = $row['cover'];

$title = $row['title'];

echo "<a href='movieinfo.php?name=" . $title . "'><img style='max-height:270px;max-width:200px;' src='$cover'></a>";

echo "<div class='caption'>";

echo "<a href='movieinfo.php?name=" . $title . "'><center><p class='title'><strong>" . $title . "</strong></p></center></a>";

echo "</div></div></div>";

}

?>

</div>

</div>

</div>

</div>

<!-- /.container -->

<!-- /.container -->

<!-- jQuery -->

<script src="js/jquery.js"></script>

<!-- Bootstrap Core JavaScript -->

<script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

var movieCategory=document.getElementById('Category');

movieCategory.onchange=function() {

var op=this.options[this.selectedIndex];

if (op.value!="empty"){

window.open(op.value, "\_self");

}

}

</script>

</body>

</html>

**Sort.php:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="description" content="">

<meta name="author" content="">

<title>Movie Rating</title>

<link href="css/bootstrap.min.css" rel="stylesheet">

<link href="css/movinfo.css" rel="stylesheet">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

<script src="js/focus.js"></script>

<script src="js/functions.js"></script>

<script>

$(window).on("load resize", function () {

if($(window).width() < 995){

$('#catdesk').hide();

$('#catmob').show();

$('#mobsep').show();

}else{

$('#catmob').hide();

$('#catdesk').show();

$('#mobsep').hide();

}

}).resize();

</script>

<style>

ul.pagination {

display: inline-block;

padding: 0;

margin: 0;

}

ul.pagination li {display: inline;}

ul.pagination li a {

color: black;

float: left;

padding: 8px 16px;

text-decoration: none;

}

</style>

</head>

<body>

<!-- Navigation -->

<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation" style="background-color:#35383B;">

<div class="container">

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<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="index.php">Movie Edge</a>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

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<div class="input-group">

<input name = "name" type="text" class="form-control" placeholder="Search movies" name="q">

<div class="input-group-btn">

<button class="btn btn-default searchheight" type="submit"><i class="glyphicon glyphicon-search"></i></button>

</div>

</div>

</form>

</div>

<ul id="upright" class="nav navbar-nav navbar-right">

<!-- <li><a href="#">Login</a></li> -->

<li >

<a href="http://127.0.0.1:5000/"><b>MovieRecommender</b> <span class="caret"></span></a>

</li>

<?php

if(isset($\_COOKIE['movierating'])){

session\_start();

if($\_SESSION['admin'] === 1){

echo "<li><a href='managemovies.php?page=1'><b>Manage Movies</b></a></li>";

}

echo "<li><a><b>". $\_COOKIE['movierating'] . "</b></a></li>";

}

?>

</ul>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container -->

</nav>

<!-- Page Content -->

<div class="container">

<div class="row">

<div class="col-md-3" id="catdesk" style="display: none">

<p class="lead">Movie Category</p>

<div class="list-group">

<a href="sort.php?category=Action&page=1" class="list-group-item">Action</a>

<a href="sort.php?category=Adventure&page=1" class="list-group-item">Adventure</a>

<a href="sort.php?category=Animation&page=1" class="list-group-item">Animation</a>

<a href="sort.php?category=Comedy&page=1" class="list-group-item">Comedy</a>

<a href="sort.php?category=Drama&page=1" class="list-group-item">Drama</a>

<a href="sort.php?category=Thriller&page=1" class="list-group-item">Thriller</a>

<a href="sort.php?category=Crime&page=1" class="list-group-item">Crime</a>

<a href="sort.php?category=Music&page=1" class="list-group-item">Music</a>

<a href="sort.php?category=Romance&page=1" class="list-group-item">Romance</a>

<a href="sort.php?category=Sci-Fi&page=1" class="list-group-item">Sci-Fi</a>

</div>

</div>

<!--add-->

<div class="col-md-3" id="catmob" style="display: none">

<p class="lead">Movie Category</p>

<select class="form-control" id="Category">

<option value="empty" selected="selected">Select a Categoy</option>

<option value="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</option>

<option value="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</option>

<option value="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</option>

<option value="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</option>

<option value="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</option>

<option value="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</option>

<option value="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</option>

<option value="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</option>

<option value="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</option>

<option value="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</option>

</select>

</div>

<!--add-->

<span id='mobsep'><br /><br /></span>

<?php

$getcat = $\_GET['category'];

$page\_num = $\_GET['page'];

echo "<p class='lead'>&nbsp&nbsp" . $getcat . " Movies: </p>";

echo "<div class='col-md-9'>";

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies WHERE Category='$getcat'";

$result = mysqli\_query($con,$sql);

$row\_num = mysqli\_num\_rows($result);

$count=1;

while($count <= $row\_num){

$row = mysqli\_fetch\_array($result);

if($count > ($page\_num-1)\*5 && $count <= $page\_num\*5){

echo "<table><tr>";

echo "<td><div class='col-sm-3 col-md-3'>";

$cover = $row['cover'];

$title = $row['title'];

echo "<a href='movieinfo.php?name=" . $title . "'><img src='$cover' style='width: auto;height: 120px;'></a>";

echo "</div></td>";

echo "<td><div class='col-sm-12 col-md-12'>";

echo "<h4><a href='movieinfo.php?name=" . $title . "'>" . $title . "</a></h4>";

$director = $row['director'];

$stars = $row['stars'];

$writers = $row['writers'];

$date = $row['release\_date'];

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Director</strong>: " . $director . "</h5>";

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Writers</strong>: " . $writers . "</h5>";

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Stars</strong>: " . $stars . "</h5>";

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Release Date</strong>: " . $date . "</h5>";

echo "</div></td>";

echo "</tr>";

echo "</table>";

echo "<hr>";

}

$count++;

}

echo "<div class='center'><ul class='pagination'>";

for($i = 1; $i <= ceil($row\_num/5); $i++){

echo"<li><a href='sort.php?category=" . $getcat . "&" . "page=" . $i ."'>". $i . "</a></li>";

}

echo "</ul></div>";

//div c9

echo "</div>";

?>

</div>

<!-- /.row -->

</div>

<!-- /.container -->

<div class="container">

<hr>

<!-- Footer -->

<footer>

<div class="row">

</div>

</footer>

</div>

<!-- /.container -->

<!-- jQuery -->

<script src="js/jquery.js"></script>

<!-- Bootstrap Core JavaScript -->

<script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

var movieCategory=document.getElementById('Category');

movieCategory.onchange=function() {

var op=this.options[this.selectedIndex];

if (op.value!="empty"){

window.open(op.value, "\_self");

}

}

</script>

</body>

</html>

**Managemovies.php:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="description" content="">

<meta name="author" content="">

<title>Movie Rating</title>

<link href="css/bootstrap.min.css" rel="stylesheet">

<link href="css/movindex.css" rel="stylesheet">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

<script src="js/focus.js"></script>

<script src="js/functions.js"></script>

<script>

function deletemovie(mid) {

var mmid = parseInt(mid);

xmlhttp=new XMLHttpRequest();

if (confirm("Are you sure?")) {

xmlhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 200) {

document.getElementById("deleteinfo").innerHTML=xmlhttp.responseText;

location.reload();

}

};

xmlhttp.open("GET","deletemovies.php?q="+mmid,true);

xmlhttp.send();

}

return false;

}

</script>

<script>

$(window).on("load resize", function () {

if($(window).width() < 995){

$('#catdesk').hide();

$('#catmob').show();

$('#mobsep').show();

}else{

$('#catmob').hide();

$('#catdesk').show();

$('#mobsep').hide();

}

}).resize();

</script>

<style>

ul.pagination {

display: inline-block;

padding: 0;

margin: 0;

}

ul.pagination li {display: inline;}

ul.pagination li a {

color: black;

float: left;

padding: 8px 16px;

text-decoration: none;

}

</style>

</head>

<body>

<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation" style="background-color:#35383B;">

<div class="container">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="index.php">Movie Edge</a>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<div class="col-sm-3 col-md-3">

<form action="searchmov.php" method="GET" class="navbar-form" role="search">

<div class="input-group">

<input name = "name" type="text" class="form-control" placeholder="Search movies" name="q">

<div class="input-group-btn">

<button class="btn btn-default searchheight" type="submit"><i class="glyphicon glyphicon-search"></i></button>

</div>

</div>

</form>

</div>

<ul id="upright" class="nav navbar-nav navbar-right">

<!-- <li><a href="#">Login</a></li> -->

<li id="upright1" class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown"><b>Register</b> <span class="caret"></span></a>

<ul id="login-dp" class="dropdown-menu">

<li>

<div class="row">

<div class="col-md-12">

<!-- Login via

<div class="social-buttons">

<a href="#" class="btn btn-fb"><i class="fa fa-facebook"></i> Facebook</a>

<a href="#" class="btn btn-tw"><i class="fa fa-twitter"></i> Twitter</a>

</div>

or -->

<form class="form" role="form" method="POST" action="register.php" accept-charset="UTF-8" id="login-nav">

<div class="form-group">

<label class="sr-only" for="exampleInputEmail2">Username</label>

<input name="username" onblur="checkUsername()" type="text" class="form-control" id="exampleInputUsername2" placeholder="Username" required>

<a id="usernameHint"></a>

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Password</label>

<input name="password" onblur="checkPassword()" type="password" class="form-control" id="exampleInputPassword2" placeholder="Password" required>

<a id="pw1Hint"></a>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Confirm Password</label>

<input onblur="checkPassword2()" type="password" class="form-control" id="exampleInputPassword3" placeholder="Confirm Password" required>

<a id="pw2Hint"></a>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<button onclick="formsubmit()" id="register" type="button" class="btn btn-primary btn-block">Register Now !</button>

</div>

</form>

</div>

<!-- <div class="bottom text-center">

New here ? <a href="#"><b>Join Us</b></a>

</div> -->

</div>

</li>

</ul>

</li>

<li id="upright2" class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown"><b>Login</b> <span class="caret"></span></a>

<ul id="register-dp" class="dropdown-menu">

<li>

<div class="row">

<div class="col-md-12">

<!-- Login via

<div class="social-buttons">

<a href="#" class="btn btn-fb"><i class="fa fa-facebook"></i> Facebook</a>

<a href="#" class="btn btn-tw"><i class="fa fa-twitter"></i> Twitter</a>

</div>

or -->

<form class="form" role="form" method="post" action="login.php" accept-charset="UTF-8" id="register-nav">

<div class="form-group">

<label class="sr-only" for="exampleInputEmail2">Username</label>

<input name="username" type="text" class="form-control" id="exampleInputEmail3" placeholder="Username" required>

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Password</label>

<input name="password" type="password" class="form-control" id="exampleInputPassword4" placeholder="Password" required>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<button type="submit" class="btn btn-primary btn-block">Login</button>

</div>

<div class="checkbox">

<label><input name="keepLogin" type="checkbox"> keep me logged-in</label>

</div>

</form>

</div>

<!-- <div class="bottom text-center">

New here ? <a href="#"><b>Join Us</b></a>

</div> -->

</div>

</li>

</ul>

</li>

<?php

if(isset($\_COOKIE['movierating'])){

session\_start();

if($\_SESSION['admin'] === 1){

echo "<li><a href='managemovies.php?page=1'><b>Manage Movies</b></a></li>";

}

echo "<li><a><b>". $\_COOKIE['movierating'] . "</b></a></li>";

}

?>

</ul>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container -->

</nav>

<!-- Page Content -->

<div class="container">

<div class="row">

<div class="col-md-3" id="catdesk" style="display: none">

<p class="lead">Movie Category</p>

<div class="list-group">

<a href="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</a>

<a href="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</a>

<a href="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</a>

<a href="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</a>

<a href="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</a>

<a href="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</a>

<a href="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</a>

<a href="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</a>

<a href="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</a>

<a href="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</a>

</div>

</div>

<!--optimized for mobile-->

<div class="col-md-3" id="catmob" style="display: none">

<p class="lead">Movie Category</p>

<select class="form-control" id="Category">

<option value="empty" selected="selected">Select a Categoy</option>

<option value="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</option>

<option value="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</option>

<option value="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</option>

<option value="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</option>

<option value="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</option>

<option value="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</option>

<option value="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</option>

<option value="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</option>

<option value="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</option>

<option value="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</option>

</select>

</div>

<span id='mobsep'><br /><br /></span>

<div class="col-md-9">

<div class="row">

<p class="lead"><b>&nbsp&nbspMovie Lists: </b>

<?php

if($\_SESSION['admin'] === 1){

echo "<a href='edit.php' class='btn-lg btn-primary'>Add a Movie</a>";

}

?>

</p>

<?php

if($\_SESSION['admin'] === 1){

$page\_num = $\_GET['page'];

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies";

$result = mysqli\_query($con,$sql);

$row\_num = mysqli\_num\_rows($result);

$count=1;

while($count <= $row\_num){

$row = mysqli\_fetch\_array($result);

if($count > ($page\_num-1)\*6 && $count <= $page\_num\*6){

echo "<div class='col-sm-4 col-lg-4 col-md-4'>";

echo "<div class='thumbnail' style='height: 380px;display: table;width: 100%;'>";

$cover = $row['cover'];

$title = $row['title'];

$mid = $row['M\_ID'];

echo "<a href='movieinfo.php?name=" . $title . "'><img style='max-height:270px;max-width:200px' src='$cover'></a>";

echo "<div class='caption'>";

echo "<a href='movieinfo.php?name=" . $title . "'><center><p class='title'><strong>" . $title . "</strong></p></center></a>";

echo "</div>";

echo "<a href='edit.php?id=" . $mid . "' class='btn btn-success' style='position: absolute; vertical-align: bottom;bottom: 20px;'>Update</a>";

echo "<span ><button type='button' class='btn btn-danger' id='deleteinfo' style='bottom: 20px;right: 15px;position:absolute;' onclick='deletemovie(" . $mid . ")'>Delete</a></span>";

echo "</div></div>";

}

$count++;

}

}

?>

</div>

<div class="center">

<ul class="pagination">

<?php

if($\_SESSION['admin'] === 1){

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies";

$result = mysqli\_query($con,$sql);

$row\_num = mysqli\_num\_rows($result);

for($i = 1; $i <= ceil($row\_num/6); $i++){

echo"<li><a href='managemovies.php?page=" . $i ."'>". $i . "</a></li>";

}

}

?>

</ul>

</div>

</div>

</div>

<!-- /.row -->

</div>

<!-- /.container -->

<div class="container">

<hr>

</div>

<!-- /.container -->

<!-- jQuery -->

<script src="js/jquery.js"></script>

<!-- Bootstrap Core JavaScript -->

<script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

var movieCategory=document.getElementById('Category');

movieCategory.onchange=function() {

var op=this.options[this.selectedIndex];

if (op.value!="empty"){

window.open(op.value, "\_self");

}

}

</script>

</body>

</html>

**Movieinfo.php:**

<?php

$mName ="";

$mID = 0;

if(!empty($\_GET['name'])){

$mName = $\_GET['name'];

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT M\_ID FROM Movies WHERE title='$mName'";

$result = mysqli\_query($con,$sql);

$mData = mysqli\_fetch\_array($result);

$mmid = $mData['M\_ID'];

if($mmid == NULL){

header('Location: index.php');

}

}else{

$mmid = $\_GET['id'];

if($mmid == NULL){

header('Location: index.php');

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="description" content="">

<meta name="author" content="">

<title>Movie Rating</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<link href="css/movinfo.css" rel="stylesheet">

<link href="css/rating.css" rel="stylesheet">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

<script src="js/functions.js"></script>

<script>

function wishlistmsg(mmid) {

xmlhttp=new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 200) {

document.getElementById("wlmsg").innerHTML=xmlhttp.responseText;

}

};

xmlhttp.open("GET","wishlist.php?q="+mmid,true);

xmlhttp.send();

}

function getactingrating(storyratingid, mid) {

var a\_num = parseInt(storyratingid);

var mmid = parseInt(mid);

xmlhttp=new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 200) {

document.getElementById("act").innerHTML=xmlhttp.responseText;

setTimeout(location.reload.bind(location), 3000);

}

};

xmlhttp.open("GET","movieratingtype.php?a="+a\_num+"&mid="+mmid,true);

xmlhttp.send();

}

function getstoryrating(storyratingid, mid) {

var sp\_num = parseInt(storyratingid);

var mmid = parseInt(mid);

xmlhttp=new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 200) {

document.getElementById("splot").innerHTML=xmlhttp.responseText;

setTimeout(location.reload.bind(location), 3000);

}

};

xmlhttp.open("GET","movieratingtype.php?sp="+sp\_num+"&mid="+mmid,true);

xmlhttp.send();

}

function getvisualrating(storyratingid, mid) {

var v\_num = parseInt(storyratingid);

var mmid = parseInt(mid);

xmlhttp=new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 200) {

document.getElementById("visual").innerHTML=xmlhttp.responseText;

setTimeout(location.reload.bind(location), 3000);

}

};

xmlhttp.open("GET","movieratingtype.php?v="+v\_num+"&mid="+mmid,true);

xmlhttp.send();

}

$(function(){

$(".ratingcell li").click(function(){

$(this).addClass("ratingcellcolor");

$(this).prevAll().addClass("ratingcellcolor");

$(this).nextAll().removeClass("ratingcellcolor");

});

});

</script>

<!-- optimized for mobile -->

<script>

$(window).on("load resize", function () {

if($(window).width() < 995){

$('#catdesk').hide();

$('#catmob').show();

}else{

$('#catmob').hide();

$('#catdesk').show();

}

}).resize();

</script>

</head>

<body>

<!-- Navigation -->

<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation" style="background-color:#35383B;">

<div class="container">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="index.php">Movie Edge</a>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<div class="col-sm-3 col-md-3">

<form action="searchmov.php" method="GET" class="navbar-form" role="search">

<div class="input-group">

<input name = "name" type="text" class="form-control" placeholder="Search movies" name="q">

<div class="input-group-btn">

<button class="btn btn-default searchheight" type="submit"><i class="glyphicon glyphicon-search"></i></button>

</div>

</div>

</form>

</div>

<ul id="upright" class="nav navbar-nav navbar-right">

<!-- <li><a href="#">Login</a></li> -->

<li id="upright1" class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown"><b>Register</b> <span class="caret"></span></a>

<ul id="login-dp" class="dropdown-menu">

<li>

<div class="row">

<div class="col-md-12">

<!-- Login via

<div class="social-buttons">

<a href="#" class="btn btn-fb"><i class="fa fa-facebook"></i> Facebook</a>

<a href="#" class="btn btn-tw"><i class="fa fa-twitter"></i> Twitter</a>

</div>

or -->

<form class="form" role="form" method="POST" action="register.php" accept-charset="UTF-8" id="login-nav">

<div class="form-group">

<label class="sr-only" for="exampleInputEmail2">Username</label>

<input name="username" onblur="checkUsername()" type="text" class="form-control" id="exampleInputUsername2" placeholder="Username" required>

<a id="usernameHint"></a>

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Password</label>

<input name="password" onblur="checkPassword()" type="password" class="form-control" id="exampleInputPassword2" placeholder="Password" required>

<a id="pw1Hint"></a>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Confirm Password</label>

<input onblur="checkPassword2()" type="password" class="form-control" id="exampleInputPassword3" placeholder="Confirm Password" required>

<a id="pw2Hint"></a>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<button onclick="formsubmit()" id="register" type="button" class="btn btn-primary btn-block">Register Now !</button>

</div>

</form>

</div>

<!-- <div class="bottom text-center">

New here ? <a href="#"><b>Join Us</b></a>

</div> -->

</div>

</li>

</ul>

</li>

<li id="upright2" class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown"><b>Login</b> <span class="caret"></span></a>

<ul id="register-dp" class="dropdown-menu">

<li>

<div class="row">

<div class="col-md-12">

<!-- Login via

<div class="social-buttons">

<a href="#" class="btn btn-fb"><i class="fa fa-facebook"></i> Facebook</a>

<a href="#" class="btn btn-tw"><i class="fa fa-twitter"></i> Twitter</a>

</div>

or -->

<form class="form" role="form" method="post" action="login.php" accept-charset="UTF-8" id="register-nav">

<div class="form-group">

<label class="sr-only" for="exampleInputEmail2">Username</label>

<input name="username" type="text" class="form-control" id="exampleInputEmail3" placeholder="Username" required>

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Password</label>

<input name="password" type="password" class="form-control" id="exampleInputPassword4" placeholder="Password" required>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<button type="submit" class="btn btn-primary btn-block">Login</button>

</div>

<div class="checkbox">

<label><input name="keepLogin" type="checkbox"> keep me logged-in</label>

</div>

</form>

</div>

<!-- <div class="bottom text-center">

New here ? <a href="#"><b>Join Us</b></a>

</div> -->

</div>

</li>

</ul>

</li>

<?php

if(isset($\_COOKIE['movierating'])){

session\_start();

if($\_SESSION['admin'] === 1){

echo "<li><a href='managemovies.php?page=1'><b>Manage Movies</b></a></li>";

}

echo "<li><a><b>". $\_COOKIE['movierating'] . "</b></a></li>";

}

?>

</ul>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container -->

</nav>

<!-- Page Content -->

<div class="container">

<div class="row">

<div class="col-md-3" id="catdesk" style="display: none">

<p class="lead">Movie Category</p>

<div class="list-group">

<a href="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</a>

<a href="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</a>

<a href="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</a>

<a href="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</a>

<a href="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</a>

<a href="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</a>

<a href="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</a>

<a href="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</a>

<a href="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</a>

<a href="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</a>

</div>

</div>

<!--optimized for mobile-->

<div class="col-md-3" id="catmob" style="display: none">

<p class="lead">Movie Category</p>

<select class="form-control" id="Category">

<option value="empty" selected="selected">Select a Categoy</option>

<option value="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</option>

<option value="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</option>

<option value="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</option>

<option value="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</option>

<option value="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</option>

<option value="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</option>

<option value="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</option>

<option value="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</option>

<option value="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</option>

<option value="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</option>

</select>

</div>

<!--add-->

<p class="lead">&nbsp</p>

<div class="col-md-9">

<div class="thumbnail">

<div id="showCover">

<?php

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies WHERE M\_ID=$mmid";

$sql="SELECT \* FROM Movies WHERE M\_ID=$mmid";

$result = mysqli\_query($con,$sql);

$mData = mysqli\_fetch\_array($result);

echo "<img class='col-sm-4 poster' style='width: auto;height: 208px;' src=" . $mData['cover'] . ">";

#echo $mData['trailer'];

echo "<h3 id='movname'><strong>&nbsp" . $mData['title'] . "</strong><span>&nbsp&nbsp(" . $mData['m\_year'] . ")</span></h3>";

echo "<p><strong>&nbsp&nbspRelease Date:</strong> " . $mData['release\_date'] . "<p>";

echo "<p><strong>&nbsp&nbspDirector:</strong> " . $mData['director'] . "<p>";

echo "<p><strong>&nbsp&nbspWriters:</strong> " . $mData['writers'] . "<p>";

echo "<p><strong>&nbsp&nbspStars:</strong> " . $mData['stars'] . "<p>";

?>

</div>

<div class="caption-full" style=" clear: left;">

<?php

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies WHERE M\_ID=$mmid";

$result = mysqli\_query($con,$sql);

$mData = mysqli\_fetch\_array($result);

echo "<br /><p><strong>Story Plot:</strong> " . $mData['storyline'] . "<p>";

?>

<div id="wlmsg">

<?php

$con = mysqli\_connect("localhost","root","" , "movie");

$username = $\_COOKIE['movierating'];

$sql0="SELECT \* FROM Users WHERE username = '$username'";

$result0= mysqli\_query($con,$sql0);

$row = mysqli\_fetch\_array($result0);

$uid = $row['U\_ID'];

$sql="SELECT \* FROM Wishlist WHERE movie\_id = '$mmid' AND user\_id = '$uid'";

$result = mysqli\_query($con,$sql);

$row\_num = mysqli\_num\_rows($result);

if($row\_num == 0){

echo "<button type='button' class='btn btn-info' onclick='wishlistmsg(" . $mmid . ")'>Add to Wishlist</button>";

}elseif($row\_num ==1){

echo "<button type='button' class='btn btn-success' onclick='wishlistmsg(" . $mmid . ")'>Saved to Wishlist</button>";

}

?>

</div>

</div>

<div class="ratings">

<ul>

<?php

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Arating WHERE movie\_ID = '$mmid'";

$result = mysqli\_query($con,$sql);

$Arating\_count = mysqli\_num\_rows($result);

$arating\_sum;

while($row = mysqli\_fetch\_array($result)){

$arating\_sum = $row['A\_rating']+$arating\_sum;

}

$arating\_avg=$arating\_sum/$Arating\_count;

$sql1="SELECT \* FROM Sprating WHERE movie\_ID = '$mmid'";

$result1 = mysqli\_query($con,$sql1);

$srating\_count = mysqli\_num\_rows($result1);

$srating\_sum;

while($row = mysqli\_fetch\_array($result1)){

$srating\_sum = $row['sp\_rating']+$srating\_sum;

}

$srating\_avg=$srating\_sum/$srating\_count;

$sql2="SELECT \* FROM Vrating WHERE movie\_ID = '$mmid'";

$result2 = mysqli\_query($con,$sql2);

$vrating\_count = mysqli\_num\_rows($result2);

$vrating\_sum;

while($row = mysqli\_fetch\_array($result2)){

$vrating\_sum = $row['v\_rating']+$vrating\_sum;

}

$vrating\_avg=$vrating\_sum/$vrating\_count;

echo "<li>Acting：" . round($arating\_avg, PHP\_ROUND\_HALF\_UP) . "</li>";

echo "<li>Story Plot: " . round($srating\_avg, PHP\_ROUND\_HALF\_UP) . "</li>";

echo "<li>Visual Effect: " . round($vrating\_avg, PHP\_ROUND\_HALF\_UP) . "</li>";

?>

</ul>

</div>

</div>

<div class = "well">

<div class="text-left">

<h4 style="color: #d17581">Leave a Rating: </h4>

</div>

<div class="ratingblock" align="center">

<div class="ratingList row">

<div class="ratingtype" align="left">Acting：

<span id="act" style= "color: #11BB2D;font-weight: bold;"></span>

</div>

<ul class="ratingcell">

<?php

echo "<li id='1' onclick='getactingrating(this.id," . $mmid .")'>1</li>";

echo "<li id='2' onclick='getactingrating(this.id," . $mmid .")'>2</li>";

echo "<li id='3' onclick='getactingrating(this.id," . $mmid .")'>3</li>";

echo "<li id='4' onclick='getactingrating(this.id," . $mmid .")'>4</li>";

echo "<li id='5' onclick='getactingrating(this.id," . $mmid .")'>5</li>";

echo "<li id='6' onclick='getactingrating(this.id," . $mmid .")'>6</li>";

echo "<li id='7' onclick='getactingrating(this.id," . $mmid .")'>7</li>";

echo "<li id='8' onclick='getactingrating(this.id," . $mmid .")'>8</li>";

echo "<li id='9' onclick='getactingrating(this.id," . $mmid .")'>9</li>";

echo "<li id='10' onclick='getactingrating(this.id," . $mmid .")'>10</li>";

?>

</ul>

</div>

<div class="ratingList row">

<div class="ratingtype" align="left">Story Plot:

<span id="splot" style= "color: #11BB2D;font-weight: bold;"></span>

</div>

<ul class="ratingcell">

<?php

echo "<li id='1' onclick='getstoryrating(this.id," . $mmid .")'>1</li>";

echo "<li id='2' onclick='getstoryrating(this.id," . $mmid .")'>2</li>";

echo "<li id='3' onclick='getstoryrating(this.id," . $mmid .")'>3</li>";

echo "<li id='4' onclick='getstoryrating(this.id," . $mmid .")'>4</li>";

echo "<li id='5' onclick='getstoryrating(this.id," . $mmid .")'>5</li>";

echo "<li id='6' onclick='getstoryrating(this.id," . $mmid .")'>6</li>";

echo "<li id='7' onclick='getstoryrating(this.id," . $mmid .")'>7</li>";

echo "<li id='8' onclick='getstoryrating(this.id," . $mmid .")'>8</li>";

echo "<li id='9' onclick='getstoryrating(this.id," . $mmid .")'>9</li>";

echo "<li id='10' onclick='getstoryrating(this.id," . $mmid .")'>10</li>";

?>

</ul>

</div>

<div class="ratingList row">

<div class="ratingtype" align="left">Visual Effect:

<span id="visual" style= "color: #11BB2D;font-weight: bold;"></span>

</div>

<ul class="ratingcell">

<?php

echo "<li id='1' onclick='getvisualrating(this.id," . $mmid .")'>1</li>";

echo "<li id='2' onclick='getvisualrating(this.id," . $mmid .")'>2</li>";

echo "<li id='3' onclick='getvisualrating(this.id," . $mmid .")'>3</li>";

echo "<li id='4' onclick='getvisualrating(this.id," . $mmid .")'>4</li>";

echo "<li id='5' onclick='getvisualrating(this.id," . $mmid .")'>5</li>";

echo "<li id='6' onclick='getvisualrating(this.id," . $mmid .")'>6</li>";

echo "<li id='7' onclick='getvisualrating(this.id," . $mmid .")'>7</li>";

echo "<li id='8' onclick='getvisualrating(this.id," . $mmid .")'>8</li>";

echo "<li id='9' onclick='getvisualrating(this.id," . $mmid .")'>9</li>";

echo "<li id='10' onclick='getvisualrating(this.id," . $mmid .")'>10</li>";

?>

</ul>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- /.container -->

<div class="container">

<hr>

</div>

<!-- /.container -->

<!-- jQuery -->

<script src="js/jquery.js"></script>

<!-- Bootstrap Core JavaScript -->

<script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

var movieCategory=document.getElementById('Category');

movieCategory.onchange=function() {

var op=this.options[this.selectedIndex];

if (op.value!="empty"){

window.open(op.value, "\_self");

}

}

</script>

</body>

</html>

**Searchmov.php:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="description" content="">

<meta name="author" content="">

<title>Movie Rating</title>

<link href="css/bootstrap.min.css" rel="stylesheet">

<link href="css/movinfo.css" rel="stylesheet">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>

<script src="js/focus.js"></script>

<script src="js/functions.js"></script>

<script>

$(window).on("load resize", function () {

if($(window).width() < 995){

$('#catdesk').hide();

$('#catmob').show();

$('#mobsep').show();

}else{

$('#catmob').hide();

$('#catdesk').show();

$('#mobsep').hide();

}

}).resize();

</script>

<style>

ul.pagination {

display: inline-block;

padding: 0;

margin: 0;

}

ul.pagination li {display: inline;}

ul.pagination li a {

color: black;

float: left;

padding: 8px 16px;

text-decoration: none;

}

</style>

</head>

<body>

<!-- Navigation -->

<nav class="navbar navbar-inverse navbar-fixed-top" role="navigation" style="background-color:#35383B;">

<div class="container">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="index.php">Movie Edge</a>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<div class="col-sm-3 col-md-3">

<form action="searchmov.php" method="GET" class="navbar-form" role="search">

<div class="input-group">

<input name = "name" type="text" class="form-control" placeholder="Search movies" name="q">

<div class="input-group-btn">

<button class="btn btn-default searchheight" type="submit"><i class="glyphicon glyphicon-search"></i></button>

</div>

</div>

</form>

</div>

<ul id="upright" class="nav navbar-nav navbar-right">

<!-- <li><a href="#">Login</a></li> -->

<li id="upright1" class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown"><b>Register</b> <span class="caret"></span></a>

<ul id="login-dp" class="dropdown-menu">

<li>

<div class="row">

<div class="col-md-12">

<!-- Login via

<div class="social-buttons">

<a href="#" class="btn btn-fb"><i class="fa fa-facebook"></i> Facebook</a>

<a href="#" class="btn btn-tw"><i class="fa fa-twitter"></i> Twitter</a>

</div>

or -->

<form class="form" role="form" method="POST" action="register.php" accept-charset="UTF-8" id="login-nav">

<div class="form-group">

<label class="sr-only" for="exampleInputEmail2">Username</label>

<input name="username" onblur="checkUsername()" type="text" class="form-control" id="exampleInputUsername2" placeholder="Username" required>

<a id="usernameHint"></a>

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Password</label>

<input name="password" onblur="checkPassword()" type="password" class="form-control" id="exampleInputPassword2" placeholder="Password" required>

<a id="pw1Hint"></a>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Confirm Password</label>

<input onblur="checkPassword2()" type="password" class="form-control" id="exampleInputPassword3" placeholder="Confirm Password" required>

<a id="pw2Hint"></a>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<button onclick="formsubmit()" id="register" type="button" class="btn btn-primary btn-block">Register Now !</button>

</div>

</form>

</div>

<!-- <div class="bottom text-center">

New here ? <a href="#"><b>Join Us</b></a>

</div> -->

</div>

</li>

</ul>

</li>

<li id="upright2" class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown"><b>Login</b> <span class="caret"></span></a>

<ul id="register-dp" class="dropdown-menu">

<li>

<div class="row">

<div class="col-md-12">

<!-- Login via

<div class="social-buttons">

<a href="#" class="btn btn-fb"><i class="fa fa-facebook"></i> Facebook</a>

<a href="#" class="btn btn-tw"><i class="fa fa-twitter"></i> Twitter</a>

</div>

or -->

<form class="form" role="form" method="post" action="login.php" accept-charset="UTF-8" id="register-nav">

<div class="form-group">

<label class="sr-only" for="exampleInputEmail2">Username</label>

<input name="username" type="text" class="form-control" id="exampleInputEmail3" placeholder="Username" required>

</div>

<div class="form-group">

<label class="sr-only" for="exampleInputPassword2">Password</label>

<input name="password" type="password" class="form-control" id="exampleInputPassword4" placeholder="Password" required>

<!-- <div class="help-block text-right"><a href="">Forget the password ?</a></div> -->

</div>

<div class="form-group">

<button type="submit" class="btn btn-primary btn-block">Login</button>

</div>

<div class="checkbox">

<label><input name="keepLogin" type="checkbox"> keep me logged-in</label>

</div>

</form>

</div>

<!-- <div class="bottom text-center">

New here ? <a href="#"><b>Join Us</b></a>

</div> -->

</div>

</li>

</ul>

</li>

<?php

if(isset($\_COOKIE['movierating'])){

session\_start();

if($\_SESSION['admin'] === 1){

echo "<li><a href='managemovies.php?page=1'><b>Manage Movies</b></a></li>";

}

echo "<li><a><b>". $\_COOKIE['movierating'] . "</b></a></li>";

}

?>

</ul>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container -->

</nav>

<!-- Page Content -->

<div class="container">

<div class="row">

<div class="col-md-3" id="catdesk" style="display: none">

<p class="lead">Movie Category</p>

<div class="list-group">

<a href="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</a>

<a href="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</a>

<a href="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</a>

<a href="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</a>

<a href="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</a>

<a href="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</a>

<a href="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</a>

<a href="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</a>

<a href="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</a>

<a href="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</a>

</div>

</div>

<!--optimized for mobile-->

<div class="col-md-3" id="catmob" style="display: none">

<p class="lead">Movie Category</p>

<select class="form-control" id="Category">

<option value="empty" selected="selected">Select a Categoy</option>

<option value="sort.php?category=Action&page=1" class="list-group-item" id="Action">Action</option>

<option value="sort.php?category=Adventure&page=1" class="list-group-item" id="Adventure">Adventure</option>

<option value="sort.php?category=Animation&page=1" class="list-group-item" id="Animation">Animation</option>

<option value="sort.php?category=Comedy&page=1" class="list-group-item" id="Comedy">Comedy</option>

<option value="sort.php?category=Drama&page=1" class="list-group-item" id="Drama">Drama</option>

<option value="sort.php?category=Thriller&page=1" class="list-group-item" id="Thriller">Thriller</option>

<option value="sort.php?category=Crime&page=1" class="list-group-item" id="Crime">Crime</option>

<option value="sort.php?category=Music&page=1" class="list-group-item" id="Music">Music</option>

<option value="sort.php?category=Romance&page=1" class="list-group-item" id="Romance">Romance</option>

<option value="sort.php?category=Sci-Fi&page=1" class="list-group-item" id="Sci-Fi">Sci-Fi</option>

</select>

</div>

<span id='mobsep'><br /><br /></span>

<div class="col-md-9">

<?php

if(!empty($\_GET['name'])){

$mName = $\_GET['name'];

echo "<p class='lead'>&nbsp&nbsp Movie titles containing <q><strong>" . $mName . "</strong></q>: </p>";

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="SELECT \* FROM Movies WHERE title REGEXP '[[:<:]]" . $mName . "[[:>:]]'";

$result = mysqli\_query($con,$sql);

$row\_num = mysqli\_num\_rows($result);

if($row\_num == 0){

//echo "<p class='lead'>&nbsp</p>";

echo "<div class='alert alert-warning'>";

echo "Your search <q><strong>" . $mName . "</strong></q> did not match any movies!";

echo "</div>";

}

while($row = mysqli\_fetch\_array($result)){

echo "<hr>";

echo "<table><tr>";

echo "<td><div class='col-sm-3 col-md-3'>";

$cover = $row['cover'];

$title = $row['title'];

echo "<a href='movieinfo.php?name=" . $title . "'><img src='$cover' style='width: auto;height: 120px;'></a>";

echo "</div></td>";

echo "<td><div class='col-sm-12 col-md-12'>";

echo "<h4><a href='movieinfo.php?name=" . $title . "'>" . $title . "</a></h4>";

$director = $row['director'];

$stars = $row['stars'];

$writers = $row['writers'];

$date = $row['release\_date'];

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Director</strong>: " . $director . "</h5>";

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Writers</strong>: " . $writers . "</h5>";

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Stars</strong>: " . $stars . "</h5>";

echo "<h5 style='font-size:80%;font-weight:normal;'><strong>Release Date</strong>: " . $date . "</h5>";

echo "</div></td>";

echo "</tr>";

echo "</table>";

}

}else{

echo "<p class='lead'>&nbsp</p>";

echo "<div class='alert alert-warning'>";

echo "Enter a <strong>keyword</strong> or a <strong>movie name</strong>.";

echo "</div>";

}

?>

</div>

</div>

</div>

<!-- /.container -->

<div class="container">

<hr>

<!-- Footer -->

<footer>

</footer>

</div>

<!-- /.container -->

<!-- jQuery -->

<script src="js/jquery.js"></script>

<!-- Bootstrap Core JavaScript -->

<script src="js/bootstrap.min.js"></script>

<script type="text/javascript">

var movieCategory=document.getElementById('Category');

movieCategory.onchange=function() {

var op=this.options[this.selectedIndex];

if (op.value!="empty"){

window.open(op.value, "\_self");

}

}

</script>

</body>

</html>

**Movieratingtype.php:**

<?php

$sp = intval($\_GET['sp']);

$v = intval($\_GET['v']);

$a= intval($\_GET['a']);

$mid= intval($\_GET['mid']);

if(!empty($a)){

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="INSERT INTO `Arating` (`movie\_ID`,`A\_rating`) VALUES ('$mid','$a')";

$result = mysqli\_query($con,$sql);

echo "<span> Rated it!</span>";

}

if(!empty($sp)){

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="INSERT INTO `Sprating` (`movie\_ID`,`sp\_rating`) VALUES ('$mid','$sp')";

$result = mysqli\_query($con,$sql);

echo "<span> Rated it!</span>";

}

if(!empty($v)){

$con = mysqli\_connect("localhost","root","" , "movie");

$sql="INSERT INTO `Vrating` (`movie\_ID`,`v\_rating`) VALUES ('$mid','$v')";

$result = mysqli\_query($con,$sql);

echo "<span> Rated it!</span>";

}

?>

**CHAT Code:**

**login.php:**

<!--

//login.php

!-->

<?php

include('database\_connection.php');

session\_start();

$message = '';

if(isset($\_SESSION['user\_id']))

{

header('location:index.php');

}

if(isset($\_POST['login']))

{

$query = "

SELECT \* FROM login

WHERE username = :username

";

$statement = $connect->prepare($query);

$statement->execute(

array(

':username' => $\_POST["username"]

)

);

$count = $statement->rowCount();

if($count > 0)

{

$result = $statement->fetchAll();

foreach($result as $row)

{

if(password\_verify($\_POST["password"], $row["password"]))

{

$\_SESSION['user\_id'] = $row['user\_id'];

$\_SESSION['username'] = $row['username'];

$sub\_query = "

INSERT INTO login\_details

(user\_id)

VALUES ('".$row['user\_id']."')

";

$statement = $connect->prepare($sub\_query);

$statement->execute();

$\_SESSION['login\_details\_id'] = $connect->lastInsertId();

header('location:index.php');

}

else

{

$message = '<label>Wrong Password</label>';

}

}

}

else

{

$message = '<label>Wrong Username</labe>';

}

}

?>

<html>

<head>

<title>MovieEdge Chat</title>

<link rel="stylesheet" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-ui.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<script src="https://code.jquery.com/jquery-1.12.4.js"></script>

<script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>

</head>

<body>

<div class="container">

<br />

<h3 align="center">MovieEdge Chat</h3><br />

<br />

<div class="panel panel-default">

<div class="panel-heading">Chat Application Login</div>

<div class="panel-body">

<p class="text-danger"><?php echo $message; ?></p>

<form method="post">

<div class="form-group">

<label>Enter Username</label>

<input type="text" name="username" class="form-control" required />

</div>

<div class="form-group">

<label>Enter Password</label>

<input type="password" name="password" class="form-control" required />

</div>

<div class="form-group">

<input type="submit" name="login" class="btn btn-info" value="Login" />

</div>

<div align="center">

<a href="register.php">Register</a>

</div>

</form>

<br />

<br />

<br />

<br />

</div>

</div>

</div>

</body>

</html>

**Fetch\_user.php**

<?php

//fetch\_user.php

include('database\_connection.php');

session\_start();

$query = "

SELECT \* FROM login

WHERE user\_id != '".$\_SESSION['user\_id']."'

";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

$output = '

<table class="table table-bordered table-striped">

<tr>

<th width="70%">Username</td>

<th width="20%">Status</td>

<th width="10%">Action</td>

</tr>

';

foreach($result as $row)

{

$status = '';

$current\_timestamp = strtotime(date("Y-m-d H:i:s") . '- 10 second');

$current\_timestamp = date('Y-m-d H:i:s', $current\_timestamp);

$user\_last\_activity = fetch\_user\_last\_activity($row['user\_id'], $connect);

if($user\_last\_activity > $current\_timestamp)

{

$status = '<span class="label label-success">Online</span>';

}

else

{

$status = '<span class="label label-danger">Offline</span>';

}

$output .= '

<tr>

<td>'.$row['username'].' '.count\_unseen\_message($row['user\_id'], $\_SESSION['user\_id'], $connect).' '.fetch\_is\_type\_status($row['user\_id'], $connect).'</td>

<td>'.$status.'</td>

<td><button type="button" class="btn btn-info btn-xs start\_chat" data-touserid="'.$row['user\_id'].'" data-tousername="'.$row['username'].'">Start Chat</button></td>

</tr>

';

}

$output .= '</table>';

echo $output;

?>

**Database\_connection.php:**

<?php

//database\_connection.php

$connect = new PDO("mysql:host=localhost;dbname=chat;charset=utf8mb4", "root", "");

date\_default\_timezone\_set('Asia/Kolkata');

function fetch\_user\_last\_activity($user\_id, $connect)

{

$query = "

SELECT \* FROM login\_details

WHERE user\_id = '$user\_id'

ORDER BY last\_activity DESC

LIMIT 1

";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

foreach($result as $row)

{

return $row['last\_activity'];

}

}

function fetch\_user\_chat\_history($from\_user\_id, $to\_user\_id, $connect)

{

$query = "

SELECT \* FROM chat\_message

WHERE (from\_user\_id = '".$from\_user\_id."'

AND to\_user\_id = '".$to\_user\_id."')

OR (from\_user\_id = '".$to\_user\_id."'

AND to\_user\_id = '".$from\_user\_id."')

ORDER BY timestamp DESC

";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

$output = '<ul class="list-unstyled">';

foreach($result as $row)

{

$user\_name = '';

$dynamic\_background = '';

$chat\_message = '';

if($row["from\_user\_id"] == $from\_user\_id)

{

if($row["status"] == '2')

{

$chat\_message = '<em>This message has been removed</em>';

$user\_name = '<b class="text-success">You</b>';

}

else

{

$chat\_message = $row['chat\_message'];

$user\_name = '<button type="button" class="btn btn-danger btn-xs remove\_chat" id="'.$row['chat\_message\_id'].'">x</button>&nbsp;<b class="text-success">You</b>';

}

$dynamic\_background = 'background-color:#ffe6e6;';

}

else

{

if($row["status"] == '2')

{

$chat\_message = '<em>This message has been removed</em>';

}

else

{

$chat\_message = $row["chat\_message"];

}

$user\_name = '<b class="text-danger">'.get\_user\_name($row['from\_user\_id'], $connect).'</b>';

$dynamic\_background = 'background-color:#ffffe6;';

}

$output .= '

<li style="border-bottom:1px dotted #ccc;padding-top:8px; padding-left:8px; padding-right:8px;'.$dynamic\_background.'">

<p>'.$user\_name.' - '.$chat\_message.'

<div align="right">

- <small><em>'.$row['timestamp'].'</em></small>

</div>

</p>

</li>

';

}

$output .= '</ul>';

$query = "

UPDATE chat\_message

SET status = '0'

WHERE from\_user\_id = '".$to\_user\_id."'

AND to\_user\_id = '".$from\_user\_id."'

AND status = '1'

";

$statement = $connect->prepare($query);

$statement->execute();

return $output;

}

function get\_user\_name($user\_id, $connect)

{

$query = "SELECT username FROM login WHERE user\_id = '$user\_id'";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

foreach($result as $row)

{

return $row['username'];

}

}

function count\_unseen\_message($from\_user\_id, $to\_user\_id, $connect)

{

$query = "

SELECT \* FROM chat\_message

WHERE from\_user\_id = '$from\_user\_id'

AND to\_user\_id = '$to\_user\_id'

AND status = '1'

";

$statement = $connect->prepare($query);

$statement->execute();

$count = $statement->rowCount();

$output = '';

if($count > 0)

{

$output = '<span class="label label-success">'.$count.'</span>';

}

return $output;

}

function fetch\_is\_type\_status($user\_id, $connect)

{

$query = "

SELECT is\_type FROM login\_details

WHERE user\_id = '".$user\_id."'

ORDER BY last\_activity DESC

LIMIT 1

";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

$output = '';

foreach($result as $row)

{

if($row["is\_type"] == 'yes')

{

$output = ' - <small><em><span class="text-muted">Typing...</span></em></small>';

}

}

return $output;

}

function fetch\_group\_chat\_history($connect)

{

$query = "

SELECT \* FROM chat\_message

WHERE to\_user\_id = '0'

ORDER BY timestamp DESC

";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

$output = '<ul class="list-unstyled">';

foreach($result as $row)

{

$user\_name = '';

$dynamic\_background = '';

$chat\_message = '';

if($row["from\_user\_id"] == $\_SESSION["user\_id"])

{

if($row["status"] == '2')

{

$chat\_message = '<em>This message has been removed</em>';

$user\_name = '<b class="text-success">You</b>';

}

else

{

$chat\_message = $row["chat\_message"];

$user\_name = '<button type="button" class="btn btn-danger btn-xs remove\_chat" id="'.$row['chat\_message\_id'].'">x</button>&nbsp;<b class="text-success">You</b>';

}

$dynamic\_background = 'background-color:#ffe6e6;';

}

else

{

if($row["status"] == '2')

{

$chat\_message = '<em>This message has been removed</em>';

}

else

{

$chat\_message = $row["chat\_message"];

}

$user\_name = '<b class="text-danger">'.get\_user\_name($row['from\_user\_id'], $connect).'</b>';

$dynamic\_background = 'background-color:#ffffe6;';

}

$output .= '

<li style="border-bottom:1px dotted #ccc;padding-top:8px; padding-left:8px; padding-right:8px;'.$dynamic\_background.'">

<p>'.$user\_name.' - '.$chat\_message.'

<div align="right">

- <small><em>'.$row['timestamp'].'</em></small>

</div>

</p>

</li>

';

}

$output .= '</ul>';

return $output;

}

?>

**Insert\_chat.php:**

<?php

//insert\_chat.php

include('database\_connection.php');

session\_start();

$data = array(

':to\_user\_id' => $\_POST['to\_user\_id'],

':from\_user\_id' => $\_SESSION['user\_id'],

':chat\_message' => $\_POST['chat\_message'],

':status' => '1'

);

$query = "

INSERT INTO chat\_message

(to\_user\_id, from\_user\_id, chat\_message, status)

VALUES (:to\_user\_id, :from\_user\_id, :chat\_message, :status)

";

$statement = $connect->prepare($query);

if($statement->execute($data))

{

echo fetch\_user\_chat\_history($\_SESSION['user\_id'], $\_POST['to\_user\_id'], $connect);

}

?>

**Register.php:**

<!--

//register.php

!-->

<?php

include('database\_connection.php');

session\_start();

$message = '';

if(isset($\_SESSION['user\_id']))

{

header('location:index.php');

}

if(isset($\_POST["register"]))

{

$username = trim($\_POST["username"]);

$password = trim($\_POST["password"]);

$check\_query = "

SELECT \* FROM login

WHERE username = :username

";

$statement = $connect->prepare($check\_query);

$check\_data = array(

':username' => $username

);

if($statement->execute($check\_data))

{

if($statement->rowCount() > 0)

{

$message .= '<p><label>Username already taken</label></p>';

}

else

{

if(empty($username))

{

$message .= '<p><label>Username is required</label></p>';

}

if(empty($password))

{

$message .= '<p><label>Password is required</label></p>';

}

else

{

if($password != $\_POST['confirm\_password'])

{

$message .= '<p><label>Password not match</label></p>';

}

}

if($message == '')

{

$data = array(

':username' => $username,

':password' => password\_hash($password, PASSWORD\_DEFAULT)

);

$query = "

INSERT INTO login

(username, password)

VALUES (:username, :password)

";

$statement = $connect->prepare($query);

if($statement->execute($data))

{

$message = "<label>Registration Completed</label>";

}

}

}

}

}

?>

<html>

<head>

<title>Gaminator Chat</title>

<link rel="stylesheet" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-ui.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<script src="https://code.jquery.com/jquery-1.12.4.js"></script>

<script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>

</head>

<body>

<div class="container">

<br />

<h3 align="center">Gaminator Chat</a></h3><br />

<br />

<div class="panel panel-default">

<div class="panel-heading">Chat Application Register</div>

<div class="panel-body">

<form method="post">

<span class="text-danger"><?php echo $message; ?></span>

<div class="form-group">

<label>Enter Username</label>

<input type="text" name="username" class="form-control" />

</div>

<div class="form-group">

<label>Enter Password</label>

<input type="password" name="password" class="form-control" />

</div>

<div class="form-group">

<label>Re-enter Password</label>

<input type="password" name="confirm\_password" class="form-control" />

</div>

<div class="form-group">

<input type="submit" name="register" class="btn btn-info" value="Register" />

</div>

<div align="center">

<a href="login.php">Login</a>

</div>

</form>

</div>

</div>

</div>

</body>

</html>

**Update\_istype\_status:**

<?php

//update\_is\_type\_status.php

include('database\_connection.php');

session\_start();

$query = "

UPDATE login\_details

SET is\_type = '".$\_POST["is\_type"]."'

WHERE login\_details\_id = '".$\_SESSION["login\_details\_id"]."'

";

$statement = $connect->prepare($query);

$statement->execute();

?>

**REGLOGIN:**

**index.php:**

<?php

session\_start();

if (!isset($\_SESSION['username'])) {

$\_SESSION['msg'] = "You must log in first";

header('location: login.php');

}

if (isset($\_GET['logout'])) {

session\_destroy();

unset($\_SESSION['username']);

header("location: login.php");

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Home</title>

<link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<div class="header">

<h2>Home Page</h2>

</div>

<div class="content">

<!-- notification message -->

<?php if (isset($\_SESSION['success'])) : ?>

<div class="error success" >

<h3>

<?php

echo $\_SESSION['success'];

unset($\_SESSION['success']);

?>

</h3>

</div>

<?php endif ?>

<!-- logged in user information -->

<?php if (isset($\_SESSION['username'])) : ?>

<p>Welcome <strong><?php echo $\_SESSION['username']; ?></strong></p>

<p> <a href="index.php?logout='1'" style="color: red;">logout</a> </p>

<?php endif ?>

</div>

</body>

</html>

**Register.php:**

<?php include('server.php') ?>

<!DOCTYPE html>

<html>

<head>

<title>Registration system PHP and MySQL</title>

<link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<div class="header">

<h2>Register</h2>

</div>

<form method="post" action="register.php">

<?php include('errors.php'); ?>

<div class="input-group">

<label>Username</label>

<input type="text" name="username" value="<?php echo $username; ?>">

</div>

<div class="input-group">

<label>Email</label>

<input type="email" name="email" value="<?php echo $email; ?>">

</div>

<div class="input-group">

<label>Password</label>

<input type="password" name="password\_1">

</div>

<div class="input-group">

<label>Confirm password</label>

<input type="password" name="password\_2">

</div>

<div class="input-group">

<button type="submit" class="btn" name="reg\_user">Register</button>

</div>

<p>

Already a member? <a href="login.php">Sign in</a>

</p>

</form>

</body>

</html>

**Login.php:**

<?php include('server.php') ?>

<!DOCTYPE html>

<html>

<head>

<title>Registration system PHP and MySQL</title>

<link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<div class="header">

<h2>Login</h2>

</div>

<form method="post" action="login.php">

<?php include('errors.php'); ?>

<div class="input-group">

<label>Username</label>

<input type="text" name="username" >

</div>

<div class="input-group">

<label>Password</label>

<input type="password" name="password">

</div>

<div class="input-group">

<button type="submit" class="btn" name="login\_user">Login</button>

</div>

<p>

Not yet a member? <a href="register.php">Sign up</a>

</p>

</form>

</body>

</html>

**Server.php:**

<?php

session\_start();

// variable declaration

$username = "";

$email = "";

$errors = array();

$\_SESSION['success'] = "";

// connect to database

$db = mysqli\_connect('localhost', 'root', '', 'usrlogin');

// REGISTER USER

if (isset($\_POST['reg\_user'])) {

// receive all input values from the form

$username = mysqli\_real\_escape\_string($db, $\_POST['username']);

$email = mysqli\_real\_escape\_string($db, $\_POST['email']);

$password\_1 = mysqli\_real\_escape\_string($db, $\_POST['password\_1']);

$password\_2 = mysqli\_real\_escape\_string($db, $\_POST['password\_2']);

// form validation: ensure that the form is correctly filled

if (empty($username)) { array\_push($errors, "Username is required"); }

if (empty($email)) { array\_push($errors, "Email is required"); }

if (empty($password\_1)) { array\_push($errors, "Password is required"); }

if ($password\_1 != $password\_2) {

array\_push($errors, "The two passwords do not match");

}

// register user if there are no errors in the form

if (count($errors) == 0) {

$password = md5($password\_1);//encrypt the password before saving in the database

$query = "INSERT INTO users (username, email, password)

VALUES('$username', '$email', '$password')";

mysqli\_query($db, $query);

$\_SESSION['username'] = $username;

$\_SESSION['success'] = "You are now logged in";

header('location: index.php');

}

}

// ...

// LOGIN USER

if (isset($\_POST['login\_user'])) {

$username = mysqli\_real\_escape\_string($db, $\_POST['username']);

$password = mysqli\_real\_escape\_string($db, $\_POST['password']);

if (empty($username)) {

array\_push($errors, "Username is required");

}

if (empty($password)) {

array\_push($errors, "Password is required");

}

echo "<b style='color:red'>".count($errors)."</b>";

if (count($errors) == 0) {

$password = md5($password);

echo $password;

$query = "SELECT \* FROM users WHERE username='$username' AND password='$password'";

$results = mysqli\_query($db, $query);

if (mysqli\_num\_rows($results) == 1) {

$\_SESSION['username'] = $username;

$\_SESSION['success'] = "You are now logged in";

header('location: index.php');

}else {

array\_push($errors, "Wrong username/password combination");

}

}

}

?>

1. **Conclusion:**

### We have used our knowledge of SOCIAL NETWORK AND INFORMATION AND INTERNET AND WEB DEVELOPMENT courses and have successfully made a MOVIE RECOMMENDATION AND RATING WEBSITE which gives lists of similar movies associated with the movie entered in search bar which works with the methodology *Cosine similarity measure.*

We have also developed a **CHATTING FORUM** for our users to chat and discuss about any movies.Our website **UI** is highly interactive and well decorated through features of **CSS AND JQUERY.**The **DATABASE** works very well and is developed by **PHP.**

**WE HAVE UPLOADED A VIDEO ON OUR PROJECT-link is https://youtu.be/fYQL5APQcf8**

1. **REFERENCES:**

<https://towardsdatascience.com/movie-recommender-system-part-1-7f126d2f90e2>

<https://www.kaggle.com/rounakbanik/movie-recommender-systems>

**11.BIO DATA:**

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