**PROJECT REPORT**

**Sentiment-Based-Movies-Rating-System**

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**Course Code: Open Source Technology ( INT 301)**

**School of Computer Science and Engineering**



**Acknowledgment**

I am using this opportunity to express our gratitude to everyone who supported us throughout the project. I am thankful for their aspiring guidance, invaluably constructive criticism and friendly advice during the project work. I am sincerely grateful to them for sharing their truthful and illuminating views on a number of issues related to this project.

I express my warm thanks to Ms. Balwinder Kaur Dhaliwal for his support and guidance at Lovely Professional University.

Thank you,

Sai Venkata Seshu Reddy

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**1. Introduction**

Sentiment based movie rating system is an online system that automatically allows users to post reviews and stores them to rate movies based on user sentiments. The system analyzes the stored data to check for user sentiments associated with each comment. The system gathers all the comments for a particular movie and then calculates an average rating to score it. This score is generated for every movie in the system. Emotion of user based on review analysis is shown.

The code is uploaded on GitHub and can be viewed from there. The GitHub link is :

<https://github.com/SAIREDDY7893/Sentiment-Based-Movies-Rating-System>

**2. Purpose**

The purpose of designing the sentiment based movie rating system is the online system that

automatically allows users to post reviews and stores them to rate movies based on user sentiments. The system analyzes the stored data to check for user sentiments associated with each comment. The system gathers all the comments for a particular movie and then calculates an average rating to score it. This score is generated for every movie in the system. Emotion of user based on review analysis is shown.

**3. Scope**

The Scope for the system can be as follows:-

* Maintain cast details
* Provide Customized rating
* Maintain movie rating details

**4. Code**

<?php

include\_once('config.php');

$query1=("select ROUND(AVG(rating),1) from avatar;");

$view1=$connection->query($query1);

$query2=("select ROUND(AVG(rating),1) from lion\_king;");

$view2=$connection->query($query2);

$query3=("select ROUND(AVG(rating),1) from gully\_boy;");

$view3=$connection->query($query3);

?>

<?php

if(isset($\_POST["rate1"]))

{

header('Location:avatar.php');

}

if(isset($\_POST["rate2"]))

{

header('Location:lion\_king.php');

}

if(isset($\_POST["rate3"]))

{

header('Location:gully\_boy.php');

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Home page</title>

</head>

<center>

<form name="test" action"" method="post">

<body>

<table border = "4" width="60%">

<h1>Welcome to movie reviews</h1>

<tr>

<th>Movie</th>

<th width="40%">Rating</th>

</tr>

<?php

while($rows1=mysql\_fetch\_assoc($rview1))

{

?>

<tr>

<td width="1%"> <img src="https://entertainmenttalk.com.au/wp-content/uploads/2016/03/avatar-close-caption-sonogram-studio-02.jpg" border=3 height=250 width=250 </img></td>

<td><h3>Avatar</h3>On the lush alien world of Pandora live the Na'vi, beings who appear primitive but are highly evolved. Because the planet's environment is poisonous, he is drawn into a battle for the survival of her world.<h5>Rating:<?php echo $rows1['ROUND(AVG(rating),1)']; ?> </h5><input class="alt" value="Click to Rate" name="rate1" type="submit">

</td>

</tr>

<?php

}

?>

<?php

while($rows2=mysql\_fetch\_assoc($rview2))

{

?>

<tr>

<td><img src="https://www.fanbolt.com/wp-content/uploads/2019/02/Lion-King.jpg" border="3" height="250" width="250" </img></td>

<td><h3>The Lion King</h3>This Disney animated feature follows the adventures of the young lion Simba (Jonathan Taylor Thomas), the heir of his father, Mufasa (James Earl Jones). Simba's wicked uncle, Scar (Jeremy Irons), plots to usurp Mufasa's throne by luring father and son into a stampede of wildebeests.<h5>Rating:<?php echo $rows2['ROUND(AVG(rating),1)']; ?> </h5><input<h5>Rating: </h5><inputclass="alt" value="Click to Rate" name="rate2" type="submit">

</td>

</tr>

<?php

}

?>

<?php

while($rows3=mysql\_fetch\_assoc($rview3))

{

?>

<tr>

<td><img src="https://www.glamsham.com/Uploads/article/gully-boy-poster-20190627115154685.jpg" border="3" heigth="250" width="250" </img></td>

<td><h3>Gully Boy</h3>"Gully Boy" is a film about a 22-year-old boy "Murad" from a ghetto in Mumbai, India. The son of a driver, his parents worked hard to get him educated so to inadvertently transcending his class. <h5>Rating:<?php echo $rows3['ROUND(AVG(rating),1)']; ?> </h5><input class="alt" value="Click to Rate" name="rate3" type="submit">

</td>

</tr>

<?php

}

?>

</table>

</body>

</form>

</center>

</html>

<?php

if(isset($\_POST["click1"]) && ($\_POST["rate11"]))

{

$rating11=(htmlentities($\_POST['click1']));

$url=("?rating11=".$rating11);

header('Location:avatar\_s.php'.$url);

}

else if(isset($\_POST["click2"]) && ($\_POST["rate11"]))

{

$rating11=(htmlentities($\_POST['click2']));

$url=("?rating11=".$rating11);

header('Location:avatar\_s.php'.$url);

}

else if(isset($\_POST["click3"]) && ($\_POST["rate11"]))

{

$rating11=(htmlentities($\_POST['click3']));

$url=("?rating11=".$rating11);

header('Location:avatar\_s.php'.$url);

}

else if(isset($\_POST["click4"]) && ($\_POST["rate11"]))

{

$rating11=(htmlentities($\_POST['click4']));

$url=("?rating11=".$rating11);

header('Location:avatar\_s.php'.$url);

}

else if(isset($\_POST["click5"]) && ($\_POST["rate11"]))

{

$rating11=(htmlentities($\_POST['click5']));

$url=("?rating11=".$rating11);

header('Location:avatar\_s.php'.$url);

}

?>

<html>

<head>

<title>

Avatar Review

</title>

</head>

<center>

<img src="https://entertainmenttalk.com.au/wp-content/uploads/2016/03/avatar-close-caption-sonogram-studio-02.jpg" border=3 height=250 width=400 </img><br>

<table border="3" height="250" width="20%" cellpadding="30">

<tr>

<td >

<form name="test" action"" method="post">

<body>

<center>

<h4>Please give the rating below</h4>

</center>

<center>

<div>

<input name="click1" value="1" type="radio">1

<input name="click2" value="2" type="radio">2

<input name="click3" value="3" type="radio">3

<input name="click4" value="4" type="radio">4

<input name="click5" value="5" type="radio">5

</div>

</center>

<div>

<center><input type="submit" name="rate11" value="submit"></center>

</form>

</td>

</tr>

</table>

</body>

</center>

<?php

$host = "localhost";

$db\_name = "mydatabase";

$username = "root";

$password = "1015";

$connection = null;

try{

$connection = new PDO("mysql:host=" . $host . ";dbname=" . $db\_name, $username, $password);

$connection->exec("set names utf8");

}catch(PDOException $exception){

echo "Connection error: " . $exception->getMessage();

}

$dfg=$\_GET['rating11'];

$query0=("insert into avatar(rating) values($dfg)");

$connection->query($query0);

?>

<html>

<center>

<h1>Thank You for rating!!</h1>

<button onclick="window.location.href = 'movie\_form.php'">HOME</button>

</center>

</html>

<?php

$host = "localhost";

$db\_name = "mydatabase";

$username = "root";

$password = "1015";

$connection = null;

try{

$connection = new PDO("mysql:host=" . $host . ";dbname=" . $db\_name, $username, $password);

$connection->exec("set names utf8");

}catch(PDOException $exception){

echo "Connection error: " . $exception->getMessage();

}

?>

<?php

if(isset($\_POST["click1"]) && ($\_POST["rate33"]))

{

$rating33=(htmlentities($\_POST['click1']));

$url=("?rating33=".$rating33);

header('Location:gully\_boy\_s.php'.$url);

}

else if(isset($\_POST["click2"]) && ($\_POST["rate33"]))

{

$rating33=(htmlentities($\_POST['click2']));

$url=("?rating33=".$rating33);

header('Location:gully\_boy\_s.php'.$url);

}

else if(isset($\_POST["click3"]) && ($\_POST["rate33"]))

{

$rating33=(htmlentities($\_POST['click3']));

$url=("?rating33=".$rating33);

header('Location:gully\_boy\_s.php'.$url);

}

else if(isset($\_POST["click4"]) && ($\_POST["rate33"]))

{

$rating33=(htmlentities($\_POST['click4']));

$url=("?rating33=".$rating33);

header('Location:gully\_boy\_s.php'.$url);

}

else if(isset($\_POST["click5"]) && ($\_POST["rate33"]))

{

$rating33=(htmlentities($\_POST['click5']));

$url=("?rating33=".$rating33);

header('Location:gully\_boy\_s.php'.$url);

}

?>

<html>

<head>

<title>

Gully Boy Review

</title>

</head>

<center>

<img src="https://www.glamsham.com/Uploads/article/gully-boy-poster-20190627115154685.jpg" border="3" heigth="250" width="400" </img><br>

<table border="3" height="250" width="20%" cellpadding="30">

<tr>

<td >

<form name="test" action"" method="post">

<body>

<center>

<h4>Please give the rating below</h4>

</center>

<center>

<div>

<input name="click1" value="1" type="radio">1

<input name="click2" value="2" type="radio">2

<input name="click3" value="3" type="radio">3

<input name="click4" value="4" type="radio">4

<input name="click5" value="5" type="radio">5

</div>

</center>

<div>

<center><input type="submit" name="rate33" value="submit"></center>

</form>

</td>

</tr>

</table>

</body>

</center>

</html>

<?php

$host = "localhost";

$db\_name = "mydatabase";

$username = "root";

$password = "1015";

$connection = null;

try{

$connection = new PDO("mysql:host=" . $host . ";dbname=" . $db\_name, $username, $password);

$connection->exec("set names utf8");

}catch(PDOException $exception){

echo "Connection error: " . $exception->getMessage();

}

$htf=$\_GET['rating33'];

$query3=("insert into gully\_boy(rating) values($htf)");

$connection->query($query3);

?>

<html>

<center>

<h1>Thank You for rating!!</h1>

<button onclick="window.location.href = 'movie\_form.php'">HOME</button>

</center>

</html>

<?php

if(isset($\_POST["click11"]) && ($\_POST["rate22"]))

{

$rating22=(htmlentities($\_POST['click11']));

$url=("?rating22=".$rating22);

header('Location:lion\_king\_s.php'.$url);

}

else if(isset($\_POST["click22"]) && ($\_POST["rate22"]))

{

$rating22=(htmlentities($\_POST['click22']));

$url=("?rating22=".$rating22);

header('Location:lion\_king\_s.php'.$url);

}

else if(isset($\_POST["click33"]) && ($\_POST["rate22"]))

{

$rating22=(htmlentities($\_POST['click33']));

$url=("?rating22=".$rating22);

header('Location:lion\_king\_s.php'.$url);

}

else if(isset($\_POST["click44"]) && ($\_POST["rate22"]))

{

$rating22=(htmlentities($\_POST['click44']));

$url=("?rating22=".$rating22);

header('Location:lion\_king\_s.php'.$url);

}

else if(isset($\_POST["click55"]) && ($\_POST["rate22"]))

{

$rating22=(htmlentities($\_POST['click55']));

$url=("?rating22=".$rating22);

header('Location:lion\_king\_s.php'.$url);

}

?>

?>

<html>

<head>

<title>

Avatar Review

</title>

</head>

<center>

<img src="https://www.fanbolt.com/wp-content/uploads/2019/02/Lion-King.jpg" border="3" height="250" width="400" </img><br>

<table border="3" height="250" width="20%" cellpadding="30">

<tr>

<td >

<form name="test" action"" method="post">

<body>

<center>

<h4>Please give the rating below</h4>

</center>

<center>

<div>

<input name="click11" value="1" type="radio">1

<input name="click22" value="2" type="radio">2

<input name="click33" value="3" type="radio">3

<input name="click44" value="4" type="radio">4

<input name="click55" value="5" type="radio">5

</div>

</center>

<div>

<center><input type="submit" name="rate22" value="submit"></center>

</form>

</td>

</tr>

</table>

</body>

</center>

</html>

<?php

$host = "localhost";

$db\_name = "mydatabase";

$username = "root";

$password = "1015";

$connection = null;

try{

$connection = new PDO("mysql:host=" . $host . ";dbname=" . $db\_name, $username, $password);

$connection->exec("set names utf8");

}catch(PDOException $exception){

echo "Connection error: " . $exception->getMessage();

}

$hyg=$\_GET['rating22'];

$query1=("insert into lion\_king(rating) values($hyg)");

$connection->query($query1);

?>

<html>

<center>

<h1>Thank You for rating!!</h1>

<button onclick="window.location.href = 'movie\_form.php'">HOME</button>

</center>

</html>