



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec. 3 of the UGC Act. 1956)

A CHRISTIAN MINORITY RESIDENTIAL INSTITUTION

MHRD Approved & NAAC Accredited

Karunya Nagar, Coimbatore - 641 114, Tamil Nadu, India.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SCHOOL OF ENGINEERING AND TECHNOLOGY

MINI PROJECT REPORT

MOVIE STREAMING WEBSITE

2020-2021

For the Subject

18CS2022

Subject Name

Web Technology

Team members:

Joswin V Jaison

URK18CS097

Staff in charge: Dr Roshni Thanka

ABSTRACT

This miniproject on web technology deals with creating a movie streaming web site with HTML,Javascript,CSS and PHP.The enhancement in technology have resulted in the completion among various service providers to give best products to the user,Web development field have witnessed a rapid boom in the recent years due to its necessity in contributing to technological development and product introduction .So I have focused on developing a simple movie website which allows user to watch movies with a good UI interface as well as with a focus on digital marketing.

1.INTRODUCTION:

1.1 INTRODUCTION

The media and entertainment industry has always been at the forefront of tech innovation. An unspoken law reads, either change or die. That's what the incumbents like Disney, Fox, Comcast, and Time Warner are still figuring out.I have built a model of a movie streaming website which will allow the user to sign up and watch movies by directing to the youtube link. I have used html,css,javascript and php with database integration for this project.The growth of entertainment media has increased the demand of video streaming platforms.The movie streaming website created by me direct the users to the youtube and allows them to watch videos.It also allows the youtube content creators to increase their views.The web site contain a home page, and 2 contents page.It also include a registration page as well as login page.The admin can login to the page with the specific username and password and add movies.The combination of html as well as css is used to enhance the appearance. In this document there is overall description of the Web Project. It includes what we did. There is also description of the work experience gain from this project. Whole description of the designing face and cost is included in this document.

1.2 OBJECTIVE:

The primary objective of this miniproject is to develop a website which allows the user to watch movies with a good quality from the youtube link.As the need of video streaming websites are increasingly growing the creation of these kinds of websites is of a great demand.Now the website deals with only watching movies from the youtube link.On further development it can extend to creating our own contents and using that for commercial purposes. There are some intended audiences of this project in which our steering group, customer and the Project members are included. There are also some students who want to continue this project later on. The project is aimed to provide a central place for organizing, planning and tracking projects that are developed in a distributed environment. It therefore is a web application that should be compatible with majority of browsers to provide user friendly Interface for project administrator, project leaders and project members working far apart all around the world. This video streaming project in PHP is very unique and different in its approach when compared to the existing

projects in the video-streaming segment. The project will be built across different software but with front end as PHP and would involve the teamwork of the entire development team. The software used and the project is meant to be completely user-friendly to help garner more users into the platform. We have seen a lot of success in the recent times in the video streaming segment with the advent of YouTube and our project is targeted to ride on the current trend to reap benefits while meeting the customer's needs. The existing system does not have the option to broadcast events or meetings by sending invitation links. In order for any person to view a particular event, the event has to be recorded completely and uploaded on to the website and then the link can be shared. Thus there was no possibility for remote and live viewing of events, which are happening in corporate environments. The chances for organizing live training and webcasts across different locations were also limited because of these limitations. Hence, most importantly, the clients cannot be sustained because they will not be willing to go in for a subscription for a recorded event while if the videos are streamed live, the corporates will be interested in taking up subscriptions and adding to the stream of revenue.

1.3 MOTIVATION

While this project is being built across different development areas, the primary features included are uploading videos by users, sharing of videos through social media and viewing of videos uploaded by others. The videos can also be downloaded, edited and uploaded online again. The project has different modules in the development work, which are divided among administrators, users, web registrations and search option. Being an online platform, it provides the flexibility of working on the project from remote locations with proper access codes. Some additional features which have been added to make the project more interactive are: Uploading and sharing videos using embedded links, Setting up channels to categorize videos, broadcasting events/ meetings using invitation links and setting up advertisement avenues to gain income. It appears that the mega-popular YouTuber earns a lot of money on sponsorships, product placement, and Patreon subscriptions: about \$2000 per million views; about \$900,000 per year. At first glance, this is a lot of money. But, for example, the annual income of the NFL Network host Rich Eisen is \$500 million. And most YouTubers do not make \$900,000 per year. From the 2018 data provided by Bloomberg research: About 3% of the best channels bring their owners no more than \$17,000 per year. All others are in the range between 0 and \$12,140, which is below the US poverty line of \$12,490. For example, a McDonalds' employee earns \$5,500 more. Streamers are increasingly inclined towards the idea of creating their own website, which in the current environment is a means to: survive the industrial crisis and ensure the stability of your own online business. Nothing can affect your creative freedom. No need to share your profits with anyone, you have total control over your income, you know the algorithms to attract the maximum number of visitors/subscribers, own your brand, which you can control as you see fit.

1.4 AREA AND PROJECT NECESSITY

Live streaming is known as the live broadcasting of videos over the internet. It has changed the way people and brands communicate all over the world today. You can click on a single button of your Facebook app and start sharing a live broadcast throughout your followers' base. Today, every other social media platform supports live streaming and every other brand is using the

same to interact with its audience. The massive development in technology, huge internet penetration, and expansion of social media platforms are the factors contributed to the evolution of live streaming platforms. With live streaming solutions becoming affordable and more accessible, there has been a shift in the way common internet users engaged with videos. The newest trend is not just videos but live videos. Online streaming provides endless content accessible with web and mobile devices. It allows flexibility, and it offers an engaged and interactive platform for the users. The number of live streaming platforms is also increasing day by day. It has changed the entertainment medium and has made it easier for brands to

engage with their target audience. For example, a viewer goes live on Facebook, other viewers can also interact with the presenter. This creates an instant connection between the viewers and the presenter. The real-time interaction for communicating with each other also creates a sense of community among the associated persons. One of the important things you will get in the live audience is the higher level of engagement and interaction with the audience. You can host a live event that your fans can attend virtually. Most of the brands and businesses in various industries today use live streaming. The real estate companies are broadcasting auctions, retail companies are streaming launch events of the products. In short, the options for live streaming and being benefited with it as a brand are limitless.

1.5 SOCIAL IMPACT:

Streaming platforms have completely turned the tables on how entertainment is consumed. Netflix's first original show, House of Cards, was released in 2013. It led a revolution in the way creatives and business people grasp their market. While the output may have been culturally standardised for a North American market in the beginning, it is less and less so now as Netflix keeps buying in every one of its territories. More crucially, whatever the final product is: it has immediate access to over 190 countries. The capabilities of the internet and social media have fulfilled Marshall McLuhan's prophecy of the world becoming a global village. Now, the sheer power of a company like Netflix in terms of distribution is unprecedented, and capable of creating cultural phenomena on a scale yet unseen. Interestingly, Netflix carries a lot of debt. \$20 billion of debt, to be exact. While it might seem paradoxical, this article reminds us that "wars are expensive". The differences in business models are where the battle gets interesting. Netflix is exclusively a media company, but on a global scale. Amazon Prime is integrated in the Amazon empire, whose goal it is to make anything available to anyone via drone or else within one hour. As the head of Amazon Studios -and legendary indie producer- Ted Hope recently said: "Movies "have always been an excuse to sell popcorn and concessions," Hope said. "At Amazon, to quote Jeff Bezos, we make movies to sell shoes. The movies are essentially advertising for the (e-commerce) platform. The competition for viewers in the movie industry takes many different forms. Traditional movie theaters, with high quality pictures on large screens and high quality sound effects, need the patrons show up physically; movie rental stores or movie rental websites, which provide the convenience for the customers to obtain DVD disks and watch movies on TVs at home; Herr [1] indicated movie stream via high speed internet connections, which is emerging as a new way that enables viewers watch movies without going to theaters, nor going to rental stores, nor placing DVD orders on websites, nor waiting for DVD

disks (including Blue Ray DVD) to show up in the mail boxes, nor returning these disks to rental stores. Over the last decade, some of the world's biggest entertainment and telecom conglomerates bet on streaming entertainment. The last 10 years have ushered in a rapid progression of at-home entertainment as Netflix, Hulu, Disney Plus, HBO Now, and more rack up millions of subscribers. As more people are forced to stay at home to try to curb the spread of the novel coronavirus, the concept of a bored, cable-cutting consumer searching for things to constantly watch for weeks on end has become a reality. HBO's parent company, WarnerMedia, looked into just how many of its subscribers are spending more time watching movies and TV shows over the last couple of weeks. While the television industry as a whole saw a 20 percent increase last week compared to the month prior, HBO Now saw the highest usage on its platform since summer. The percentage of people binge viewing series has increased 65 percent, while movie watching is up 70 percent on HBO Now.

2 MODULES OF THE PROJECT

2.1 :LANGUAGES USED:

A)HTML

The HyperText Markup Language, or HTML(HyperText Markup Language) 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 (CSS) and scripting languages such as JavaScript. HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as `` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

B)CSS

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media. CSS is among the core languages of the open web and is standardized across Web browsers according to W3C specifications. Previously, development of various parts of CSS specification was done synchronously, which allowed versioning of the latest recommendations.

C)JAVASCRIPT:

JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it, such as Node.js, Apache CouchDB and Adobe Acrobat. JavaScript is a prototype-based, multi-paradigm, single-threaded, dynamic language,

supporting object-oriented, imperative, and declarative (e.g. functional programming) styles. As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM). JavaScript engines were originally used only in web browsers, but they are now core components of other runtime systems, such as Node.js and Deno. These systems are used to build servers and are also integrated into frameworks, such as Electron and Cordova, for creating a variety of applications.

D)PHP:

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP started out as a small open source project that evolved as more and more people found out how useful it was. PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications. Arbitrary PHP code can also be interpreted and executed via command-line interface (CLI). PHP can generate dynamic page content.

5)MY-SQL:

MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language.

2.2 FRAMEWORK USED:

A)BOOTSTRAP:

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components. Bootstrap is a potent front-end framework used to create modern websites and web apps. It's open-source and free to use, yet features numerous HTML and CSS templates for UI interface elements such as buttons and forms. Bootstrap also supports JavaScript extensions. The main difference between Bootstrap and CSS is that the Bootstrap is a front-end framework while CSS is a style sheet language. ... The main programming languages required to build websites are HTML, CSS, and JavaScript. HTML is a markup language which is used to build the structure of web pages. Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive mobile projects on the web. About 42,795 companies mention the use of Bootstrap in their technology stacks. There are

several companies, including Spotify, Twitter, Udemy, StackShare, Lyft, LinkedIn, Jelvix, and others.

2.3 SOFTWARE USED:

A)APACHE NETBEANS:

NetBeans is an integrated development environment for Java. NetBeans allows applications to be developed from a set of modular software components called modules. NetBeans runs on Windows, macOS, Linux and Solaris. Apache NetBeans provides editors, wizards, and templates to help you create applications in Java, PHP and many other languages. Apache NetBeans can be installed on all operating systems that support Java, i.e, Windows, Linux, Mac OSX and BSD. Write Once, Run Anywhere, applies to NetBeans too. Most developers recognize the NetBeans IDE as the original free Java IDE. It is that, and much more! The Apache NetBeans IDE provides support for several languages (Java, PHP, JavaFX, JavaScript, etc.) and frameworks, and more (C/C++) will be incorporated soon.

2)XAMP:

XAMPP 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.

2.4 IMPLEMENTATION DETAILS

A)Login

A login page is created using php which enable the user to enter the username and password and then finally get into the home page ‘welcome.php’.The method used is post method as it is more secure.

B)Logout.php:

This will enable the user to logout from the website by just clicking the logout option. Here we have declared a section at the starting and when clicking logout option we have specified location as header(‘location’:login.php).

C)Reset password

This will enable the user to change password from old to new. A session is created at the start and if the password matches the user will be redirected to the login page.

D)Sign up or Register:

A signup.php page is created where the users can register a new account and the details will move to database integrated with php

E)Admin login:

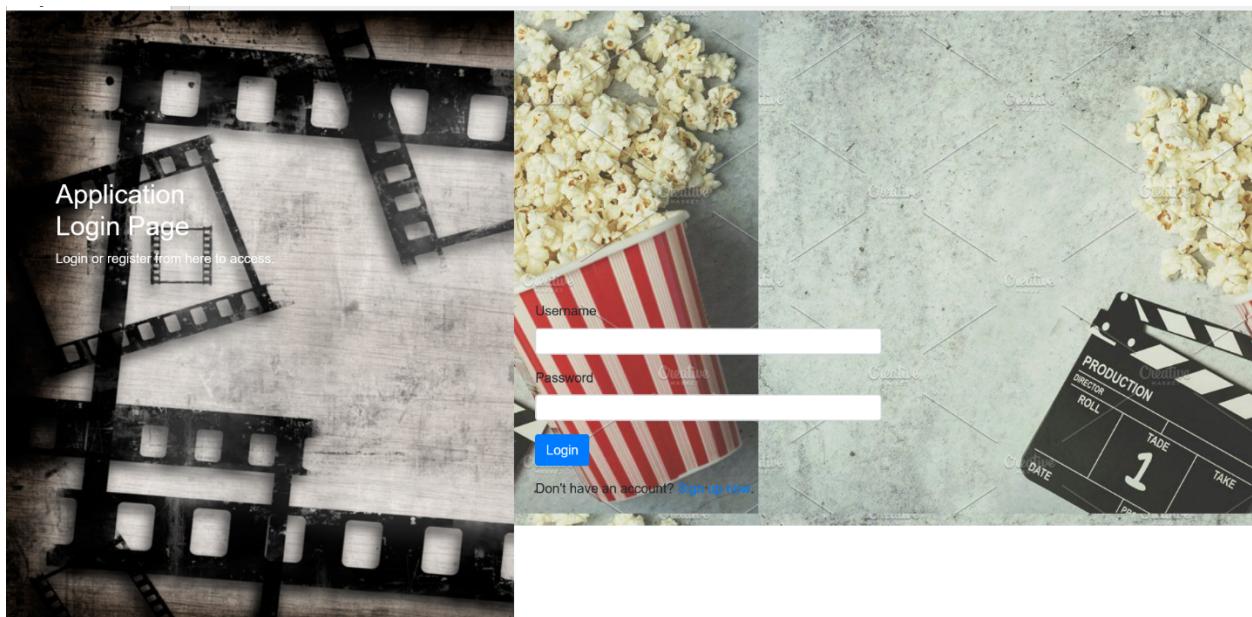
Admin can login to the website using a specific password for admin.Admin have the privilege to upload images,add movie links,add movie title,add description/plot summary .Else we can also do this by adding directly to our database.But the admin feature will enable us to execute the task at a faster pace.

F)Data base integration:

A database called phptutorial is created which contain 2 tables named ‘images’ and ‘users’.In images table data related to specific movie is found where ‘id’ is the primary key.Each time we register a user into our website it will move to the users table.Here also ‘id’ is the primary key.

2.5 SCREENSHOTS

A)Login page:



B) Sign up page

Sign Up

Application Sign Up

Register from here to access.

Username

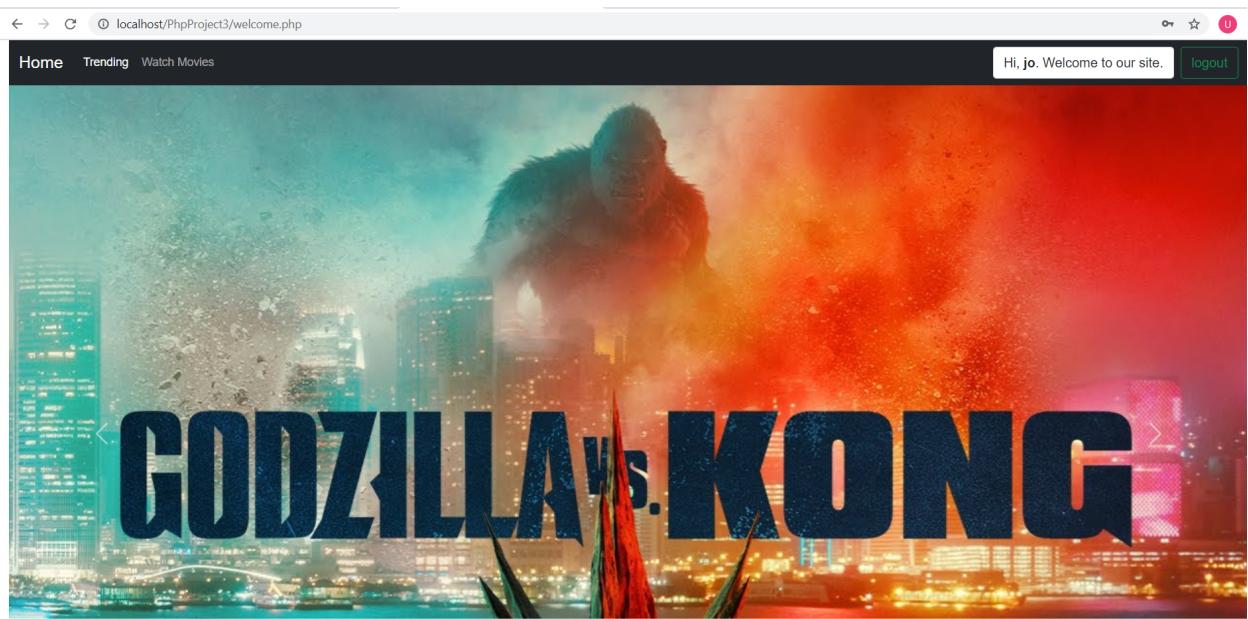
Password

Confirm Password

Submit

Already have an account? [Login here](#)

C) Welcome page



localhost/PhpProject3/welcome.php

WHAT IS TRENDING'

Premam

While George's first love turns out to be a disappointment, Malar, a college lecturer, rekindles his love interest. His romantic journey takes him through several stages, helping him find his purpose.

[Watch Now](#)

Gang Leader

Five women from different walks of life seek the help of Pencil, a small-time crime novelist, to avenge the deaths of their loved ones in a robbery. Gang Leader is an inventive, wildly entertaining comedy with a great ensemble performance.

[Watch Now](#)

Luka Chuppi

Guddu, a reporter, falls in love with Rashmi and they begin a live-in relationship. However, their life turns chaotic when their families assume that they have eloped.

[Watch Now](#)

ABCD 2

Suresh and Vinnie are childhood friends who are passionate about dancing. They form a dance group but face many hurdles to participate in the Las Vegas dancing competition.

[Watch Now](#)

D)Page named ‘Trending’:

localhost/PhpProject3/viewwall.php

Home Trending Watch Movies Hi, jo. Welcome to our site. [logout]

Coming Soon

THE PRIEST
OFFICIAL TEASER

3.1 MILLION+
Watch on YouTube

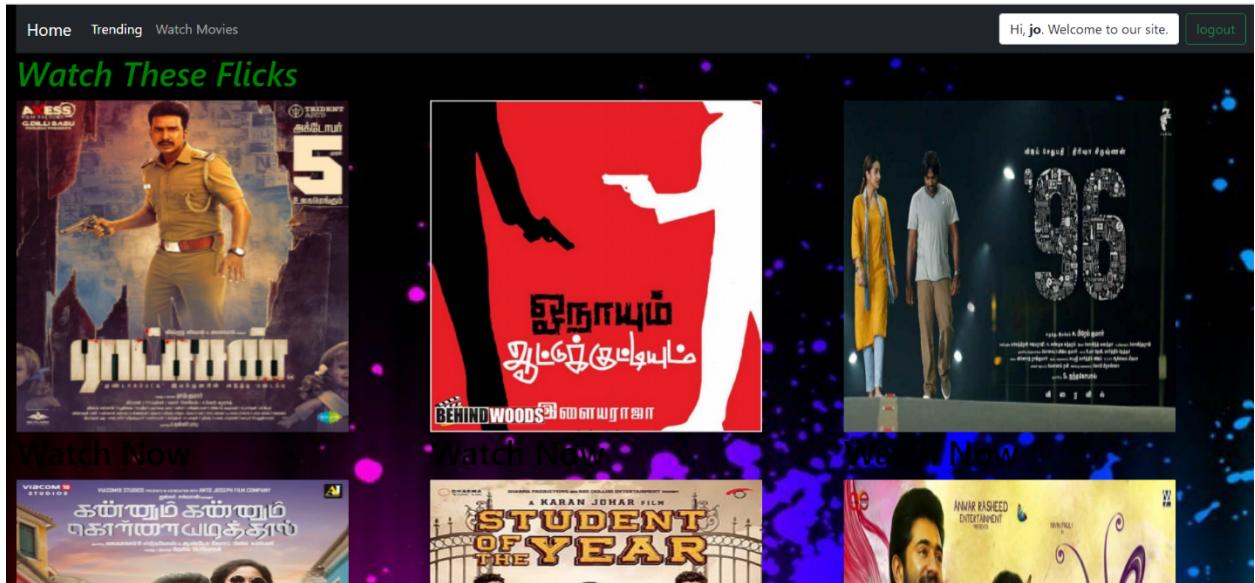
KGF Chapter 2 TEASER | Yash|Sanjay Dutt
175+ MILLION VIEWS
8+ MILLION LIKES

Watch on YouTube CIAL TEASER OUT NOW

I Care a Lot | Official Trailer | Netflix

Tandav - Official Trailer | Saif Ali Khan, ...
50 MILLION+ VIEWS

E)Page named ‘watch movies’



F)Admin page

The screenshot shows the admin panel with a URL 'localhost/PhpProject3/test.php'. The top navigation bar includes 'Flicks', 'Home', 'Trending', and a welcome message 'Hi, admin. Welcome to our site.' with a 'logout' button. Below this, a large form titled 'Add Movies' is displayed. It contains fields for 'Movie Title' (with a text input and a file upload input), a text area for 'Say something about this image...', and 'Movie Link' (with a text input). A blue 'POST' button is at the bottom right of the form.

G)Data base integration

1)users table:

phpMyAdmin

Server: 127.0.0.1 > Database: php Tutorial > Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 8 (9 total, Query took 0.0006 seconds.)

SELECT * FROM `users`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	username	password	created_at
<input type="checkbox"/>	1	admin	\$2y\$10\$ajAzRDaXWZcI3Y/6/LK18utn5aGzwUIQu6tnCw7sbet...	2021-03-19 11:33:43
<input type="checkbox"/>	4	Joswin	\$2y\$10\$7TxEQGN3CCJUuLQRzrWqTy6eZC456gW10SbfWQL...	2021-03-20 10:44:16
<input type="checkbox"/>	5	joswinjaison	\$2y\$10\$IAZpxWw0lPGq4bEorff50eGLHZgawipLhjFvRCijQ66...	2021-03-20 12:49:41
<input type="checkbox"/>	6	joswinvjaison	\$2y\$10\$mlLeeY2CZEHhUIU7edEuL3wCd1mqaNz4MwokN4hqT...	2021-03-27 11:54:13
<input type="checkbox"/>	7	joswinvjaison	\$2y\$10\$ZEnmQxM1zB21aujOgFFum6sUE7uJn3l9GBJ730...	2021-03-27 22:18:59
<input type="checkbox"/>	8	joswinjaison22	\$2y\$10\$1bVa3dsHRvmnLSLs14.8eev9Oc2CvY/n6Vx3.nll...	2021-03-29 16:57:04
<input type="checkbox"/>	9	joswinjaisonvvv	\$2y\$10\$jh52j3VtmtLvn2qr49.rplUj995onUf6bDpRu5...	2021-03-29 21:22:39
<input type="checkbox"/>	10	a	\$2y\$10\$zuuyuhEXHOcompUvh6uzwmp1j3Ly87lRaP6OrTy8...	2021-03-29 22:22:03
<input type="checkbox"/>	11	jo	\$2y\$10\$1BhRnbN6XaqUYIPIL.cOTnuJT03Ug6nPdHJ84L9h7r...	2021-04-03 00:54:56

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

2)Images table:

phpMyAdmin

Server: 127.0.0.1 > Database: php Tutorial > Table: images

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 7 (8 total, Query took 0.0009 seconds.)

SELECT * FROM `images`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	image	image_text	title	vlink
<input type="checkbox"/>	26	preman.jpg	While George's first love turns out to be a disapp...	Premam	https://youtu.be/yjaFvFuQ-QM
<input type="checkbox"/>	27	220px-Gang_Leader_2019_film_poster.jpg	Five women from different walks of life seek the h...	Gang Leader	https://youtu.be/YovD4u38evQ
<input type="checkbox"/>	28	Luka_Chuppi_poster.jpeg	Guddu, a reporter, falls in love with Rashmi and t...	Luka Chuppi	https://youtu.be/K49NkWbj8g
<input type="checkbox"/>	29	ABCD_2_poster.jpeg	Suresh and Vinnie are childhood friends who are pa...	ABCD 2	<iframe width="560" height="315" src="https://www...
<input type="checkbox"/>	30	Lucifer_film_poster.jpg	A major power struggle occurs when the leader of a...	Lucifer	https://youtu.be/RvuWatWnao
<input type="checkbox"/>	31	71Zk8KSESoL_SL1209_.jpg	Aakash Sarraf is a great pianist, who fakes being ...	Andhadun	https://youtu.be/6kcML04DQ3w
<input type="checkbox"/>	32	MV5BMzNjMDhmYzElM2YxOC00NzZjlThkODctZjI4M2UyOWlyOT...	Dilli, an ex-convict, endeavours to meet his daugh...	Kaithi	https://youtu.be/kaZFBThNZM
<input type="checkbox"/>	33	MV5BNWY2Yjk3YzInBhMC00NmQwLTk0MmIUiNZu5MWNmNDI2Mz...	Faizi, an aspiring chef, returns to his hometown i...	Ustad Hotel	https://youtu.be/g-oAP2QnVcc

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

3)users table :Structure:

The screenshot shows the phpMyAdmin interface for the 'users' table in the 'php Tutorial' database. The table has four columns: 'id' (int(11)), 'username' (varchar(50)), 'password' (varchar(255)), and 'created_at' (datetime). Primary keys are defined for both 'id' and 'username'. A screenshot of the 'Indexes' section shows two primary key definitions.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<code>id</code>	int(11)	utf8mb4_general_ci	No	None			AUTO_INCREMENT	Change Drop More
2	<code>username</code>	varchar(50)	utf8mb4_general_ci	No	None				Change Drop More
3	<code>password</code>	varchar(255)	utf8mb4_general_ci	No	None				Change Drop More
4	<code>created_at</code>	datetime		Yes	current_timestamp()				Change Drop More

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment	
Edit	Rename	Drop	PRIMARY	BTREE	Yes	No	<code>id</code>	8	A	No
Edit	Rename	Drop	username	BTREE	Yes	No	<code>username</code>	8	A	No

4)images table:Structure

The screenshot shows the phpMyAdmin interface for the 'images' table in the 'php Tutorial' database. The table has five columns: 'id' (int(11)), 'image' (text), 'image_text' (text), 'title' (text), and 'vlink' (text). A primary key is defined for 'id'. A screenshot of the 'Indexes' section shows one primary key definition.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<code>id</code>	int(11)	utf8mb4_general_ci	No	None			AUTO_INCREMENT	Change Drop More
2	<code>image</code>	text	utf8mb4_general_ci	No	None				Change Drop More
3	<code>image_text</code>	text	utf8mb4_general_ci	No	None				Change Drop More
4	<code>title</code>	text	utf8mb4_general_ci	No	None				Change Drop More
5	<code>vlink</code>	text	utf8mb4_general_ci	No	None				Change Drop More

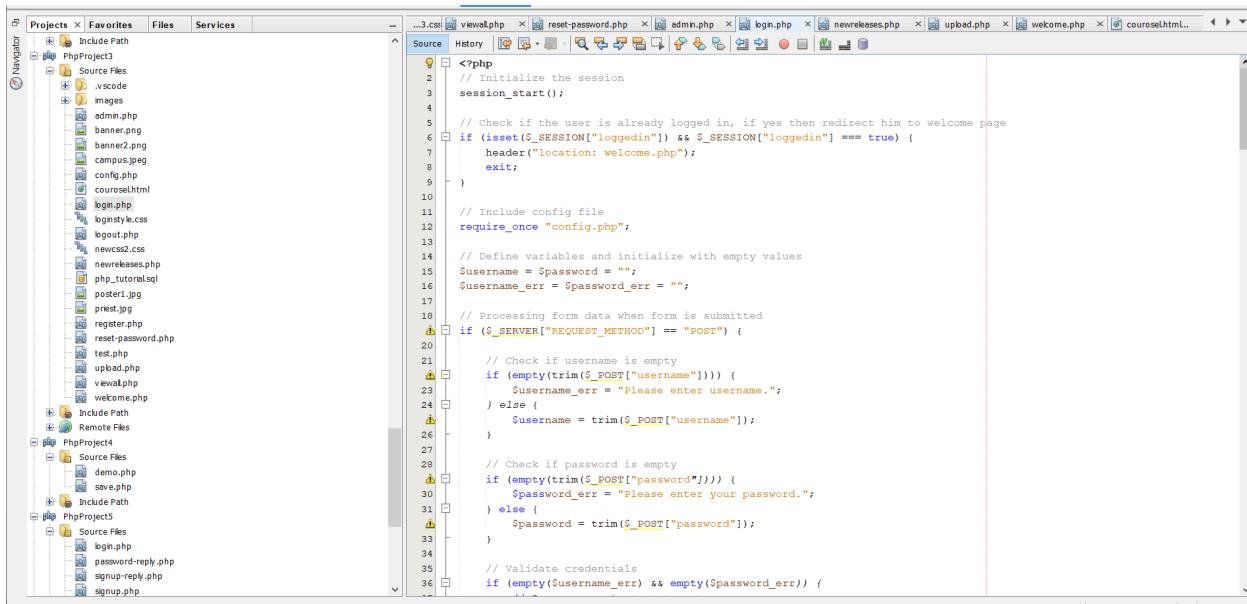
Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment	
Edit	Rename	Drop	PRIMARY	BTREE	Yes	No	<code>id</code>	8	A	No

Partitions

⚠️ No partitioning defined!

2.6 Source code

*1.login.php



```

<?php
// Initialize the session
session_start();

// Check if the user is already logged in, if yes then redirect him to welcome page
if (isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true) {
    header("location: welcome.php");
    exit;
}

// Include config file
require_once "config.php";

// Define variables and initialize with empty values
$username = $password = "";
$username_err = $password_err = "";

// Processing form data when form is submitted
if ($_SERVER["REQUEST_METHOD"] == "POST") {

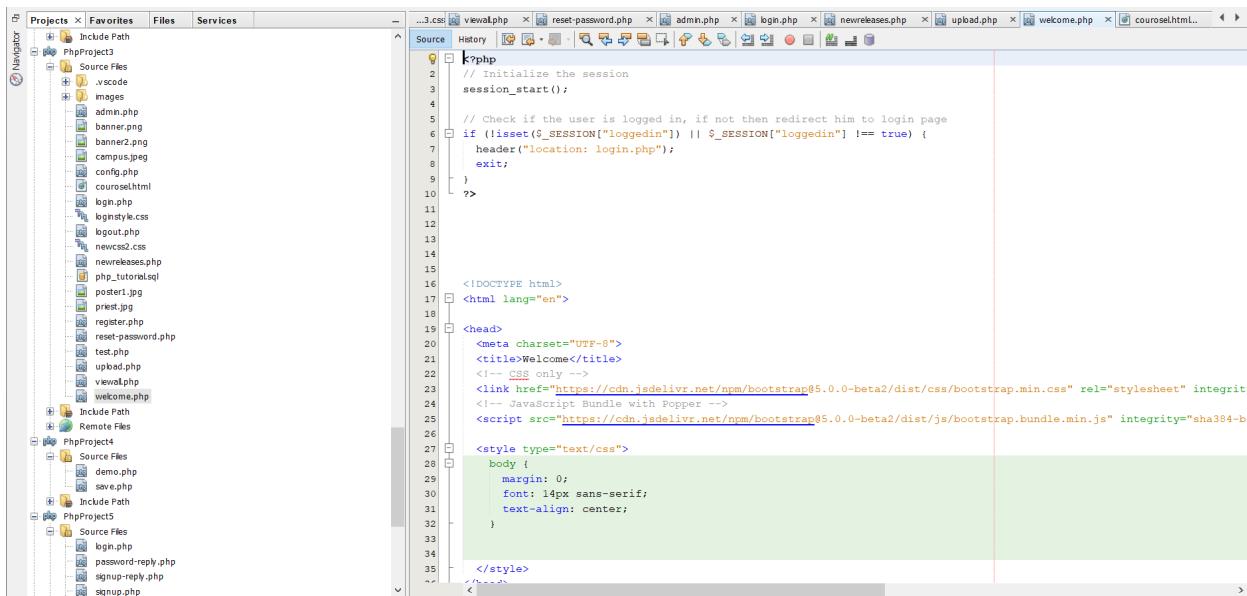
    // Check if username is empty
    if (empty(trim($_POST["username"]))) {
        $username_err = "Please enter username.";
    } else {
        $username = trim($_POST["username"]);
    }

    // Check if password is empty
    if (empty(trim($_POST["password"]))) {
        $password_err = "Please enter your password.";
    } else {
        $password = trim($_POST["password"]);
    }

    // Validate credentials
    if (!empty($username_err) && !empty($password_err)) {

```

2.*Welcome.php



```

<?php
// Initialize the session
session_start();

// Check if the user is logged in, if not then redirect him to login page
if (!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true) {
    header("location: login.php");
    exit;
}

// HTML code
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <title>Welcome</title>
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-VwqoV3AgAvUkEOZIhpc2JQHj38RyzpL1Gc1f7E8rJXrpbjLW2dPnTJqxyPKlDg==" crossorigin="anonymous" referrerpolicy="no-referrer" />
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/js/bootstrap.bundle.min.js" integrity="sha384-BsbitP0QyvJzvTh7uW5J4F1Q+GJXuEgJU0YXOZuFO+uL7t2H0XZuJZuH+uJXxOZJL" crossorigin="anonymous" referrerpolicy="no-referrer" />
    </head>
    <style type="text/css">
        body {
            margin: 0;
            font: 14px sans-serif;
            text-align: center;
        }
    </style>
</body>
</html>

```

Screenshot of a code editor showing a PHP file named `viewall.php`. The code displays a Bootstrap carousel with three slides. The first slide shows a movie poster for "R.G.F: Chapter 2". The second slide shows a movie poster for "3VNEO". The third slide shows a movie poster for "Fast & Furious 6". Each slide has a caption below it.

```

<div class="carousel-indicators">
    <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
    <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="1" aria-label="Slide 2"></button>
    <button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="2" aria-label="Slide 3"></button>
</div>
<div class="carousel-inner">
    <div class="carousel-item active">
        
        <div class="carousel-caption d-none d-md-block">
            <h2>Upcoming</h2>
            <p>R.G.F: Chapter 2 is an upcoming Indian Kannada-language period action film written and directed by Pras...
        </div>
    </div>
    <div class="carousel-item">
        
        <div class="carousel-caption d-none d-md-block">
            <h2>Upcoming</h2>
            <p>A spate of high-speed robberies in LA brings street racer Dominic Toretto and his crew under the LAPD s...
        </div>
    </div>
    <div class="carousel-item">
        
        <div class="carousel-caption d-none d-md-block">
            <h2>Upcoming</h2>
            <p>A...
        </div>
    </div>
</div>
<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Previous</span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Next</span>
</button>

```

3.Viewall.php

Screenshot of a code editor showing a PHP file named `viewall.php`. The code starts with session initialization and checks if the user is logged in. If not, it redirects to the login page. The page then includes CSS and JavaScript files from a CDN. It features a top navigation bar with a padding-left of 60px and a main content area with a padding-left of 50px.

```

<?php
// Initialize the session
session_start();

// Check if the user is logged in, if not then redirect him to login page
if (!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true) {
    header("location: login.php");
    exit();
}

<html>
<head>
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-VwqoZdUAF28uqZ4tPxWEEB35Jq9FeGZ4k+jQK7xH+gIhPfCj0+M0lXmP+J+PZLcF&lt;!-- JavaScript Bundle with Popper -->">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/js/bootstrap.bundle.min.js" integrity="sha384-BtlEHvTS6K8oPqznWZqV9JYqkXQZoJZyJZL2hQZnLJN9JzqD9S8Z0WZ9+uJZD+o...
    <style>
        .topdiv{
            padding-left: 60px;
            padding-right: 60px;
            padding-bottom: 60px;
            padding-top: 60px;
        }
        .pad{
            padding-bottom: 20px;
        }
        .item-a{
            float: left;
            padding-left: 50px;
        }
    </style>

```

```

    <li class="nav-item">
        <a class="nav-link" href="newreleases.php">Watch Movies</a>
    </li>
    <form class="d-flex" action="logout.php">
        <label class="form-control me-2">Hi, <b><?php echo htmlspecialchars($_SESSION["username"]); ?></b></label>
        <button class="btn btn-outline-success" type="submit">logout</button>
    </form>
</div>
</nav>
<section id="main">
    <div class="topdiv"><h5 class="showcase-heading">Coming Soon</h5></div>
    <ul id="autoWidth" class="cs-hidden">
        <li class="item-a pad" type="none">
            <div class="showcase-box">
                <iframe width="560" height="315" src="https://www.youtube.com/embed/ieHuz94ieRI" frameborder="0">
            </div>
        <li class="item-b pad" type="none">
            <div class="showcase-box">
                <iframe width="560" height="315" src="https://www.youtube.com/embed/Qah9sSIXJqk" frameborder="0">
            </div>
        <li class="item-c pad" type="none">
            <div class="showcase-box">
                <iframe width="560" height="315" src="https://www.youtube.com/embed/D40uHmTSPew" frameborder="0">
            </div>
        </li>
    </ul>
</section>

```

4.Upload.php

```

    $desc=$_POST['desc'];
    $title=$_POST['title'];
    $image = $_FILES['image']['name'];
    echo $desc;
    // Get text
    $image_text = mysqli_real_escape_string($db, $_POST['image_text']);

    // image file directory
    $target = "images/".$basename($image);

    $sql = "INSERT INTO movies (title, desc, imglink) VALUES ('$title', '$desc', '$image')";
    // execute query
    mysqli_query($link, $sql);

    if (move_uploaded_file($_FILES['image']['tmp_name'], $target)) {
        $msg = "Image uploaded successfully";
    } else{
        $msg = "Failed to upload image";
    }
}

```

5.Test.php

Screenshot of a code editor showing a PHP file (login.php) with HTML and CSS code. The code includes a navigation bar with links for Home, Trending, and Logout, and a content section displaying user profile images.

```

102     )
103     </style>
104   </head>
105   <body>
106     <!-- NavBar -->
107     <div class="container-fluid">
108       <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
109         <div class="container-fluid">
110           <a class="navbar-brand" href="#">Flicks</a>
111           <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent">
112             <span class="navbar-toggler-icon"></span>
113           </button>
114           <div class="collapse navbar-collapse" id="navbarSupportedContent">
115             <ul class="navbar-nav me-auto mb-2 mb-lg-0">
116               <li class="nav-item">
117                 <a class="nav-link active" aria-current="page" href="#">Home</a>
118               </li>
119               <li class="nav-item">
120                 <a class="nav-link" href="#">Trending</a>
121               </li>
122             </ul>
123             <form class="d-flex" action="logout.php">
124               <label class="form-control me-2">Hi, <b><?php echo htmlspecialchars($_SESSION["username"]); ?></b></label>
125               <button class="btn btn-outline-success" type="submit">Logout</button>
126             </form>
127           </div>
128         </div>
129       </nav>
130     </div>
131   </div>
132   <div id="content">
133     <!-- <?php
134     while ($row = mysqli_fetch_array($result)) {
135       echo "<div id='img_div'>";
136       echo "<img src='images/" . $row['image'] . "'>";
137     }
138   </div>

```

6.Register.php & resetpassword.php

Screenshot of a code editor showing a PHP file (register.php) containing a registration form. The form includes fields for Username and Password, and a checkbox for confirming the password.

```

180   <div class="sidenav">
181     <div class="login-main-text">
182       <h2>Application<br>Sign Up</h2>
183       <p>Register from here to access.</p>
184     </div>
185   </div>
186   <div class="main">
187     <div class="col-md-6 col-sm-12 p-3">
188       <div class="login-form">
189         <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="post">
190           <div class="form-group <?php echo (!empty($username_err)) ? 'has-error' : ''; ?>">
191             <label>Username</label>
192             <input type="text" name="username" class="form-control" value="<?php echo $username; ?>">
193             <span class="help-block"><?php echo $username_err; ?></span>
194           </div>
195           <div class="form-group <?php echo (!empty($password_err)) ? 'has-error' : ''; ?>">
196             <label>Password</label>
197             <input type="password" name="password" class="form-control" value="<?php echo $password; ?>">
198             <span class="help-block"><?php echo $password_err; ?></span>
199           </div>
200           <div class="form-group <?php echo (!empty($confirm_password_err)) ? 'has-error' : ''; ?>">
201             <label>Confirm Password</label>
202             <input type="password" name="confirm_password" class="form-control" value="<?php echo $confirm_password; ?>">
203             <span class="help-block"><?php echo $confirm_password_err; ?></span>
204           </div>
205           <div class="form-group">
206             <input type="submit" class="btn btn-primary" value="Submit">
207           </div>
208           <div>
209             <p>Already have an account? <a href="login.php">Login here</a>.</p>
210           </div>
211         </div>
212       </div>
213     </div>
214   </div>

```

The screenshot shows a code editor interface with a sidebar titled 'Navigator' containing project structures for 'PhpProject3', 'PhpProject4', and 'PhpProject5'. The main panel displays a PHP file named 'reset-password.php' with the following code:

```

<?php
// Initialize the session
session_start();

// Check if the user is logged in, if not then redirect to login page
if(!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true){
    header("location: login.php");
    exit;
}

// Include config file
require_once "config.php";

// Define variables and initialize with empty values
$new_password = $confirm_password = "";
$new_password_err = $confirm_password_err = "";

// Processing form data when form is submitted
if($_SERVER["REQUEST_METHOD"] == "POST"){

    // Validate new password
    if(empty(trim($_POST["new_password"]))){
        $new_password_err = "Please enter the new password.";
    } elseif(strlen(trim($_POST["new_password"])) < 6){
        $new_password_err = "Password must have atleast 6 characters.";
    } else{
        $new_password = trim($_POST["new_password"]);
    }

    // Validate confirm password
    if(empty(trim($_POST["confirm_password"]))){
        $confirm_password_err = "Please confirm the password.";
    } else{
        $confirm_password = trim($_POST["confirm_password"]);
        if(empty($new_password_err) && ($new_password != $confirm_password)){
            $confirm_password_err = "Passwords did not match.";
        }
    }
}

```

7.admin.php

The screenshot shows a code editor interface with a sidebar titled 'Navigator' containing project structures for 'PhpProject3', 'PhpProject4', and 'PhpProject5'. The main panel displays a PHP file named 'admin.php' with the following code:

```

</nav>
<!-- Add Movies -->
<div class="container p-3">
    <p class="display-4">Add Movies</p>
    <div>
        <form action="upload.php" method="POST" enctype="multipart/form-data">
            <input type="hidden" name="size" value="1000000">
            <div class="form-group">
                <label for="exampleInputEmail1">Movie Title</label>
                <input type="text" class="form-control" name="title" placeholder="Enter Movie Title">
            </div>
            <div class="form-group">
                <label for="exampleInputDescription">Description</label>
                <input type="text" name="desc" class="form-control" id="exampleInputDescription" placeholder="Enter Description">
            </div>
            <div class="form-group">
                <label for="exampleInputDescription">Choose Image</label>
                <div>
                    <input type="file" name="image">
                </div>
            </div>
            <div class="form-group">
                <label for="exampleInputlink">Movie Link</label>
                <input type="text" class="form-control" name="vlink" placeholder="Enter Movie Link">
            </div>
            <!-- <div class="input-group input-file" >
                <span class="input-group-btn">
                    <button class="btn btn-default btn-primary" type="button">Choose</button>
                </span>
                <input name="imglink" type="file" class="form-control" placeholder="Choose a file..." />
            </div><br/> -->
            <button type="submit" class="btn btn-primary">Submit</button>
        </form>
    </div>
</div>

```

3. CONCLUSION

In this mini project I have created a movie streaming website with the help of languages including HTML, CSS, Javascript and PHP. And I have also used bootstrap to get some functionalities. After the completion of the project I get a brief idea on the use of html,css ,javascript as well as PHP. As the technology is advancing the need of full stack developers is growing day by day. As an overview html provides the basic structure of sites, css is used to

control formatting,presentation and layout. While Javascript is used to control the behavior of different elements.So by developing a movie streaming website we can increase the availability of contents at a single place in just one click.As movie streaming platforms like Netflix, Prime Video and Hulu is establishing their control over the entertainment media developing a platform like this will contribute to our growth.Full stack development with combination of appropriate UI-UX design and digital marketing will make our product commercially visible and attractive.We also need to use search engine optimization to improve the quality of website traffic.

4. REFERENCES :

1. Impact of Movie Streaming over Traditional DVD Movie Rental—An Empirical Study: Chiang-nan Chao, Niall Hegarty, and Ingrid Fray
2. FINAL PROJECT: Netflix and Video Streaming: The remediation of the video rental store into the consumer's home
3. The entire world is streaming more than ever — and it's straining the internet: Julia Alexander