

A PROJECT REPORT ON “BLOG (Content Management System)”

(Live Project) Project Link: - <https://cibadress.com/app/bca6sem/cms>

**Submitted in partial fulfillment of the requirement
for the award of the degree
Bachelor of Computer Applications (BCA)**

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Submitted to



**Makhanlal ChaturvediNational University of Journalism and
Communication, Bhopal**

**ACADEMY OF COMPUTER SCIENCE AND TECHNOLOGY,
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PROJECT CERTIFICATE

This is to certify that the project report entitled **BLOG (Content Management System)** submitted to Makhanlal Chaturvedi National University of Journalism & Communication, in partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Applications (BCA), is original work carried out by myself **Mr. Prabal Khare** with Enrolment no. AX149027025 under the Supervision of Mr. **Mukesh Kumar Ahuja**. The matter embodied in this project is genuine work done by myself and has not been submitted whether to this University or to any other University / Institute for the fulfillment of the requirement of any course of study.

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I am very thankful for the open-handed support extended by many people. While no list would be complete, it is my pleasure to acknowledge the assistance of my friends who provided encouragement, knowledge and constructive suggestions.

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SELF-CERTIFICATE

This is to certify that the Major Project report entitled “**BLOG (CONTENT MANAGEMENT SYSTEM)**” is done by me, and it is authentic work carried out for the partial fulfillment of the requirements for the award of the degree of Bachelor of Computer Applications (BCA) under the guidance of Mr. Mukesh Kumar Ahuja. The matter and software embodies in this project has not been submitted earlier for award of any degree or diploma to the best of my knowledge and believes.

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CERTIFICATE FROM PROJECT GUIDE

This is certified that this Major Project entitled “**BLOG (CONTENT MANAGEMENT SYSTEM)**” submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Computer Applications (BCA) in session (years 2021 to 2024) to the Makhanlal Chaturvedi National University of Journalism & Communication, Bhopal, done by **Mr. Prabal Khare** is an authentic work carried out by them at “**Academy of Computer Science and Technology, Jabalpur**” under my guidance.

The matter and software embodied in this project work has not been submitted earlier for the award of any degree or diploma to the best of my knowledge and belief.

Signature of BCA Teacher
Mr. Mukesh Kumar Ahuja
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Chapter 1: Introduction of the Project

(i)Objective to the Project

Our project “**BLOG (CONTENT MANAGEMENT SYSTEM)**” is a content management system (CMS) helps companies manage digital content. Whole teams can use these systems to create, edit, organize, and publish content. It acts as a single place to store content and provides automated processes for collaborative digital content management and creation using built-in (or designed) workflows. Different privileges and responsibilities are provided to individuals based on roles. For example, authors can post and save their work, but editors can modify and publish it. Administrators can do all these things as well as grant other people in the organization permission to update or revise content.

A CMS helps create and manage websites and website content using minimal technical overhead, so you can make better content instead of acting as a project or traffic manager. By providing an easy and cost-effective solution for content management, a CMS allows companies to manage and distribute their content without investing in a full-time content development team.

This project includes following modules:

Domain

Hosting

Authorization

Publishing a Post

Recent Posts

Admin Center

Content Management

Category Management

User Management

Site Setting Management

Searching

(ii)Problem Definition

Offline classes are the traditional mode of taking classes which we can say is going out to a school or an institute and attending classes with an instructor. Well, here is for the readers that they should not be confused between online and offline learning because they are both different modes serving the same purpose. If we particularly talk about online learning and trace their history back, then it is not something new. People might think that it rose its head only after the outbreak of the deadly most contagious **Corona virus** but that only made it popular not new.

The idea of **Distance learning**, in particular, was born some **170 years ago** when lessons in Great Britain were sent through emails and then the assignments were received¹. However, the technology now used for Online classes is relatively new.

Disadvantages:

1. Traveling expenses

The offline classes have their institutes in one place and every student has to make it to their destiny in a different manner. This adds to hours in traveling and preparation which can be not only expensive, but that time can be utilized in self-study.

On the contrary online classes can give the liberty of making a schedule to follow so that students make more time for studies.

2. Fixed schedule

In offline classes, the timings are fixed and there is no leniency. Although the reason is not defined there is a higher dropout rate among those students who are employed, working 20 hours a week or full time.

It can be said that the class schedule cannot be of their will due to which they have troubles in balancing both. Research findings show that the attendance of students differs in online (72%) and offline classes (62%).

3. Longer schedules

The **classes in offline mode can also take a whole day in some cases**. Sometimes the classes are divided in such a fashion that it makes it hard to cope with working hours. The campuses are located in different areas and students who have to come from their homes to attend the classes can sometimes not align well.

4. Expensive mode of study

The **offline study is an expensive mode of study** about what we have discussed earlier that apart from paying for the tuition fee you have to pay for the boarding charges and manage the expenses to travel to campuses.

This it is not always feasible for everyone to bear with offline education rather in their case online classes are a better option for them. Even the cheapest universities would still cost some 4000 dollars of tuition fee which is exclusive of the rest of the expenses.

5. Lectures once delivered cannot be repeated

Studying at any offline institute means that the lectures which have been delivered cannot be repeated. That is a known fact but it is also troublesome for those people who miss their lectures for any circumstances. **Offline mode of learning is unfriendly to those who have missed their classes and demand to have a repetition of them.**

The reason for not attending the lectures are attributed to peer distraction, overcrowding, inconvenience, and logistical reasons as cited in a study. However, students still tend to attend the lectures offline despite being given online access because they find offline mode more disciplined and socialization.

6. Loss in studies

Absentees from institutes have adverse effects on the student's academic performance. Considering this fact we can say that those students who are opting for online classes will have a negative impact on their studies because some of them who are dealing with unfavorable circumstances and somehow miss the class have a great loss.

7. Lack of advanced technology

Online classes are a great opportunity to learn about the advancement in technology. Through the use of laptops or computers and connecting with other students through different mediums are enlightening them to know how they can handle the technology and make good use of it.

Students who have been doing offline education since the beginning may not have exposure to technology and it is a loss in the present era of advancing industry.

8. Dependency on teachers

Students get too dependent on the teacher. Till a certain level students should be given some challenging circumstances through which they can un-tap their true potential. This is only possible when teachers get less and less involved and give them tasks in which they have to explore on their own.

With less interference from teachers in online education, students can help themselves more.

According to research, those students who avoid seeking help have more maladaptive behavior but students who sought the help of others were more sociable but also maladaptive in academic achievement, efficacy, and anxiety.

9. Limited choice of courses.

With offline studies, you have to search for the required institute and then consider that you are able to go there, and also your admission is subject to their qualification criteria. **There are so many prerequisites in order to just get into an offline institute that is creating barriers in the way of learning.**

Any times people would not be able to find the courses they want to enroll into giving a setback that they are studying something that they don't want to just because of the feasibility.

FEASIBILITY STUDY

A website is crucial to provide relevant details to the students. Moreover, it helps institute to connect with existing students and teachers. A website for “**AALAA Common Wealth society institute**” helps the students get relevant information about the ongoing activities. Also, they can understand their academic performance through the student portal on the website for institute.

It enhances the learning experience of students by enabling them to study at their convenience. Students can log into the portal to access the learning materials at their convenience.

“Students do not learn much just sitting in classes listening to teachers, memorizing pre-packaged assignments, and spitting out answers. They must talk about what they are learning, write reflectively about it, relate it to past experiences, and apply it to their daily lives. They must make what they learn part of themselves.”

Proposed system is feasible considering technical economical Operation factors. By having a detailed feasible considering the Technical, Economical and of the proposed system with its benefits and drawbacks. The system has been tested for feasibility in the following aspects.

- Technical feasibility
- Economical feasibility
- Operational feasibility

Technical feasibility

The Proposed system is developed by **Server Language PHP 5.5** [XAMPP server]

Language Used

- 1. Front End (User Interface) HTML 5, CSS, JAVASCRIPT, BOOTSTRAP**
- 2. Server Language PHP 5.5**
- 3. Backend MYSQL**

Economical feasibility

The cost is not boundary for inventions. Cost is the secondary things required for system to execute successfully. But the primary thing is to invent new things which should fulfill the needs efficiently and effectively. Since the proposed system is an integral parts the centralized computerization of total organizational transactions, its worth to purchase the hardware needed .thus the proposed system is economically feasible.

Operational feasibility

This feasibility is Bikeried in order to know whether the system will work with least difficulties when it is developed and installed and also check whether it is developed and installed and also check whether it support the graphical user interface in the system hence it is concluded that system is operationally feasible.

PROJECT PLANNING & SCHEDULE

System Actors (Users)

- Admin
- Registered Users
- Guest Users

Admin Features

- Admin Login
- Admin can Add New Post Details
- Admin can Manage Post Details (Edit, Delete)
- Admin can Add New Category Details
- Admin Can Manage Category Details (Edit, Delete)
- Admin can Add New User Details
- Admin Can Manage User Details (Edit, Delete)
- Admin Can Check All registered users details
- Admin can update other page content Like Website Logo & Name, Website Footer.
- Admin Can Change Password
- Admin Dashboard has (List of all Posts, List of all Category, List of all users, Website Settings Tab)

Registered User Features

- New User can Registered by Admin User.
- Registered User can login with valid username and password
- User Can Recover Forget password through Administration
- User can find Post details and get useful information
- User can View Post Publish date
- User Can Update their Username
- User Can Update their Password
- Logout

Guest User Features

- Guest user can view the website and Surfe/Find Post details

There should be a Web App version for the software to connect with for those who wish for a quick Blog servicer. The Web App will be responsive to any device using it.

This allows for learner to access the service from any sort of hardware device: tablet, computer, mobile devices, and so on. The software itself will be available on all computer platforms that are running any aspect of Linux, Windows 7, Windows 8, and Mac operating systems.

The software will also be easily available to Windows 10 when it comes out later in the year. Besides, computers, the software has a minimal version for tablets for those working for the company to easily navigate through post when they are on the learning phase or simply away from the computer.

Chapter 2: Database Design & Flow Chart

DATABASE TABLE

Table Name: category


	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	category_id 	int(11)			No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	category_name	varchar(100)	latin1_swedish_ci		No	None		
<input type="checkbox"/>	3	post	int(11)			No	0		

Table Name : post


	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	post_id 	int(11)			No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	title	varchar(100)	utf8_unicode_ci		No	None		
<input type="checkbox"/>	3	description	text	utf8_unicode_ci		No	None		
<input type="checkbox"/>	4	category	varchar(100)	latin1_swedish_ci		No	None		
<input type="checkbox"/>	5	post_date	varchar(50)	latin1_swedish_ci		No	None		
<input type="checkbox"/>	6	author	int(11)			No	None		
<input type="checkbox"/>	7	post_img	varchar(100)	latin1_swedish_ci		No	None		

Table Name : user



	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	user_id 	int(10)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	first_name	varchar(30)	latin1_swedish_ci		No	None		
<input type="checkbox"/>	3	last_name	varchar(30)	latin1_swedish_ci		No	None		
<input type="checkbox"/>	4	username	varchar(30)	latin1_swedish_ci		Yes	NULL		
<input type="checkbox"/>	5	password	varchar(40)	latin1_swedish_ci		Yes	NULL		
<input type="checkbox"/>	6	role	int(11)			No	None		

Table Name: settings

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	id 	int(11)			No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	websitename	varchar(60)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	logo	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	4	footerdesc	varchar(255)	utf8mb4_general_ci		No	None		

DATA FILE STRUCTURE

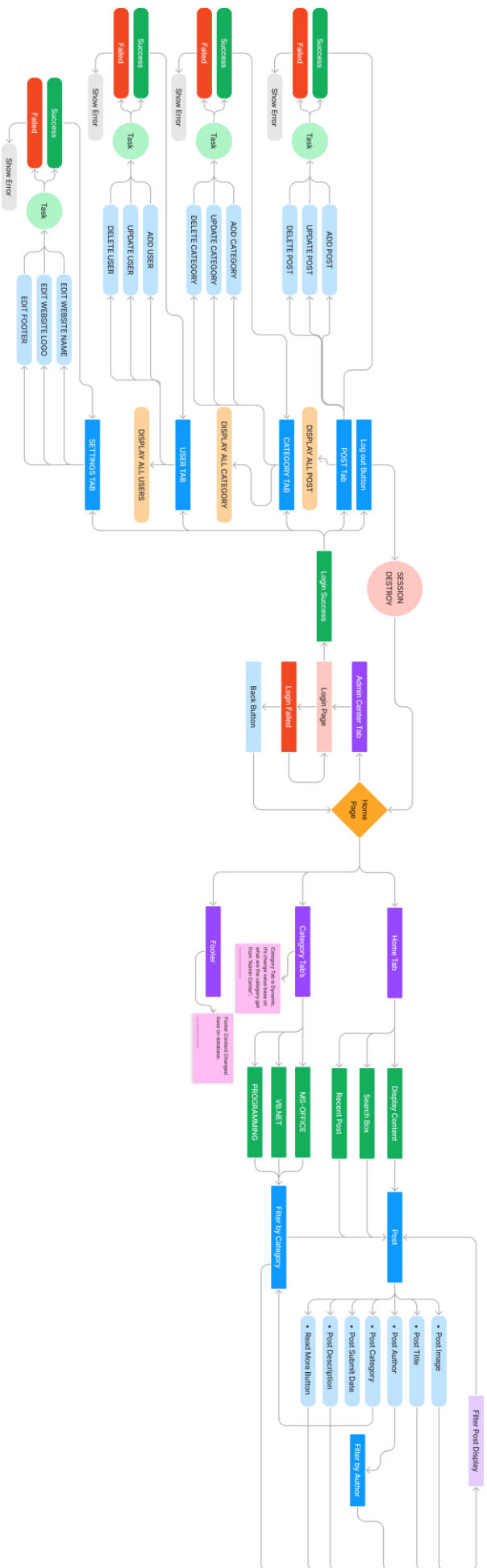
- **author.php**
- **category.php**
- **footer.php**
- **header.php**
- **index.php**
- **search.php**
- **sidebar.php**
- **single.php**

Admin /

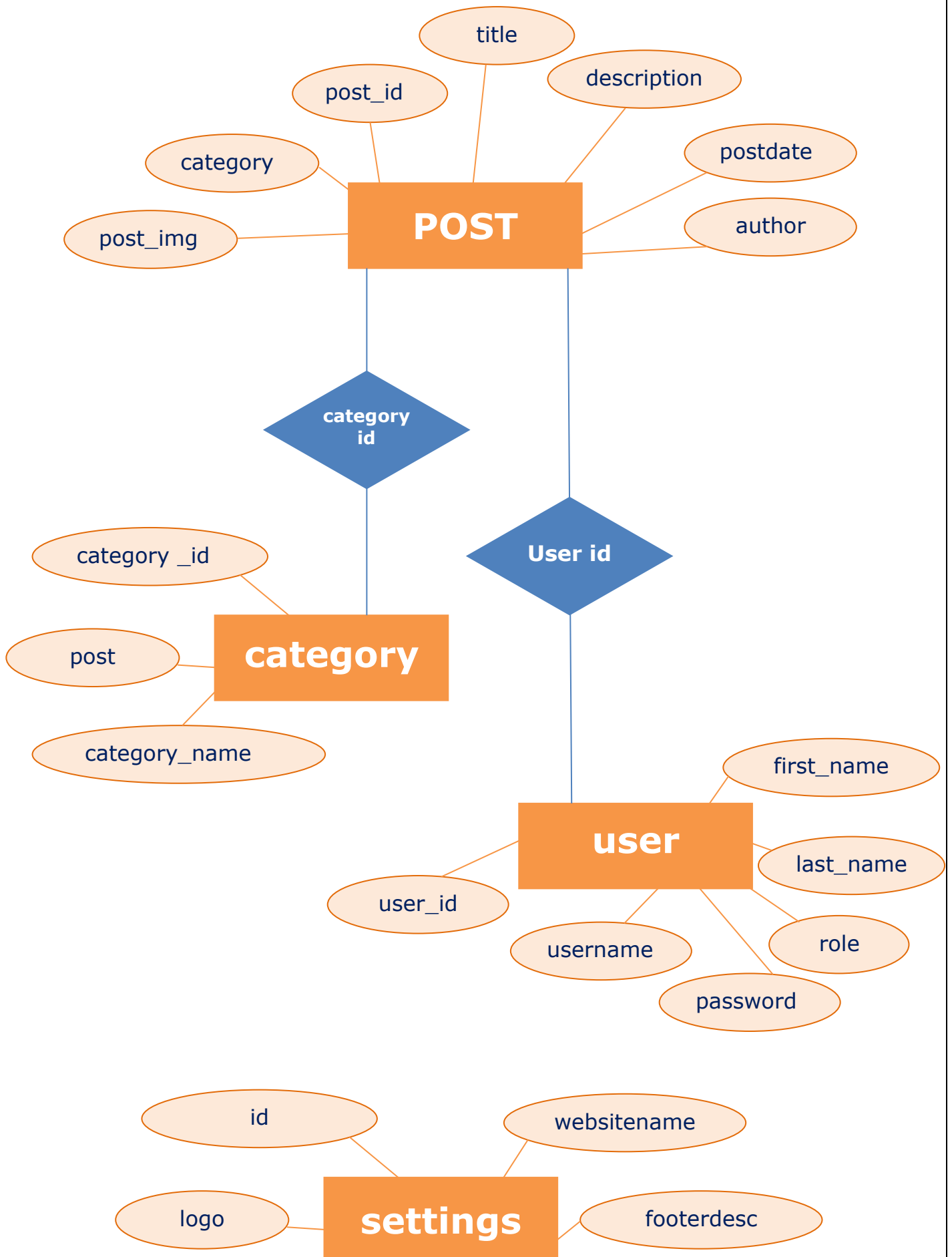
- Icon /
- Images /
- upload /
- add-category.php
- add-post.php
- add-user.php
- category.php
- config.php
- delete-category.php
- delete-post.php
- delete-user.php
- footer.php
- header.php
- index.php
- logout.php
- post.php
- settings.php
- update-category.php
- update-post.php
- update-user.php
- users.php

DIAGRAM

a. System Flow Diagram



b. Entity-Relationship Model



HARDWARE & SOFTWARE SPECIFICATION

The software should be ran on any sort of desktop or laptop environment, regardless of the operating system. The software also has the potential of running on tablets, but with a more simplified version. Essential input/output devices are keyboards, mouse, and printers; nothing else is required but can be recommended if desired.

Website Interface - Primary Tasks:

- View all available Education Content
 - Connects with the database through PHP to call all Post objects and display them accordingly
- Search for desired Content by title, Author, and Category
 - A search box will be implemented on the website that will search the site based on the input
- Select their desired Content
 - A button will be displayed under the Post Description that will allow for the read more about it
- Allow for registration
- Allow the User to log in
 - log in display form

Company-side Software - Primary Tasks:

- Allow company workers to open and view student information
 - navigation option that will allow for search of student by name
 - implementation of search bar

Primary storage :

Size : 20.1 MB

Size on disks : 20.5 MB

Contained file:228 files ,20 folders

Performance Requirements:

- Ability to maintain mass amount of customers on the website at once without crashing
- Speedy performance / transmission of data
- Have a quick recovery time if anything were to go wrong
- Display accurately and efficiently on all devices (responsive view)

Security Requirements:

- Secure any transmissions of private information between the student and the institute
- Prevent any potential threats such as SQL injections through the forms or search boxes.
- Prevent third party users at administration level
- Verify website security certificates (that lock in the address bar)

Quality Attributes:

- Maintain a user-friendly environment that is visually appealing
- Easy to see and use navigation
- Maintain readable content
- Searching Content should be accessible to people who are and are not logged in

Software Requirements

- XAMPP server
- Language Used
 1. Front End(User Interface) HTML 5, JAVASCRIPT, BOOTSTRAP
 2. Server Language PHP 5.5
 3. Back end MYSQL

Chapter 3 : Development tools & Technology

Development tools specification

Windows 10 (Operating System)

Microsoft Windows is a GUI (Graphical User Interface) multitasking operating system, that is in its environment user can perform a lot of job in a very short span of time where as in case of other environments this it is not possible. If a user has to work with more then one software, then one or the other must be closed so that another can be taken into use. Along with this due to the GUI nature of WINDOWS user need not to look for each and every command that has to be supplied to the machine each and every thing is available to the user in front of its eyes in form of big/small picture or text material.

Welcome to Windows 10 Professional. Among the new features available in Windows 10, there are new security tools that you can use to help keep your computer more secure, and new technologies that run in the background, making your computer run more efficiently and reliably.

Windows 10 has improved upon security, including the new Security Center, which allows you to check the status of the important security elements on your computer—Windows Firewall, Automatic Updates, and virus protection software—making it easier for you to understand how to keep your computer better protected against viruses and other security threats. Performance is at an all-time high. You can now use more programs at the same time and they will run faster than ever. Windows 10 is dependable and stable, so you can always rely on the performance and effectiveness of your computer.

Improvements have also been made on many features that make using your computer more effective and useful. For example, you can use Remote Desktop to access your work computer and its resources from home, and to view files and documents on your computer's desktop from a co-worker's computer. With NetMeeting you can have virtual meetings with anyone, anywhere, and you can participate in discussions using audio, video, or chat. Getting help has never been easier. With Remote Assistance, you just send an invitation (either in e-mail or Instant Messenger) to your favorite computer expert or support professional, and they can help you fix a problem from their location. Windows 10 provides extensive online Help for all operating system features, as well as a digital tour to help you discover the possibilities awaiting you.

XAMPP SERVER

XAMPP is one of the widely used cross-platform web servers, which helps developers to create and test their programs on a local webserver. It was developed by the Apache Friends, and its native source code can be revised or modified by the audience. It consists of Apache HTTP Server, MariaDB, and interpreter for the different programming languages like PHP and Perl. It is available in 11 languages and supported by different platforms such as the IA-32 package of Windows & x64 package of macOS and Linux.

What is XAMPP?

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MYSQL, and the Ps stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, MariaDB, PHP, and Perl.

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself. Among these technologies, Perl is a programming language used for web development, PHP is a backend scripting language, and MariaDB is the most vividly used database developed by MySQL. The detailed description of these components is given below.

Components of XAMPP

As defined earlier, XAMPP is used to symbolize the classification of solutions for different technologies. It provides a base for testing of projects based on different technologies through a personal server. XAMPP is an abbreviated form of each alphabet representing each of its major components. This collection of software contains a web server named Apache, a database management system named MariaDB and scripting/programming languages such as PHP and Perl. X denotes Cross-platform, which means that it can work on different platforms such as Windows, Linux, and macOS. Many other components are also part of this collection of software and are explained below.

1. **Cross-Platform:** Different local systems have different configurations of operating systems installed in it. The component of cross-platform has been included to increase the utility and audience for this package of Apache distributions. It supports various platforms such as packages of Windows, Linus, and MAC OS.
2. **Apache:** It is an HTTP a cross-platform web server. It is used worldwide for delivering web content. The server application has made free for installation and used for the community of developers under

the aegis of Apache Software Foundation. The remote server of Apache delivers the requested files, images, and other documents to the user.

3. **MariaDB:** Originally, MySQL DBMS was a part of XAMPP, but now it has been replaced by MariaDB. It is one of the most widely used relational DBMS, developed by MySQL. It offers online services of data storage, manipulation, retrieval, arrangement, and deletion.
4. **PHP:** It is the backend scripting language primarily used for web development. PHP allows users to create dynamic websites and applications. It can be installed on every platform and supports a variety of database management systems. It was implemented using C language. PHP stands for **Hypertext Processor**. It is said to be derived from Personal Home Page tools, which explains its simplicity and functionality.
5. **Perl:** It is a combination of two high-level dynamic languages, namely Perl 5 and Perl 6. Perl can be applied for finding solutions for problems based on system administration, web development, and networking. Perl allows its users to program dynamic web applications. It is very flexible and robust.
6. **phpMyAdmin:** It is a tool used for dealing with MariaDB. Its version 4.0.4 is currently being used in XAMPP. Administration of DBMS is its main role.
7. **OpenSSL:** It is the open-source implementation of the Secure Socket Layer Protocol and Transport Layer Protocol. Presently version 0.9.8 is a part of XAMPP.
8. **XAMPP Control Panel:** It is a panel that helps to operate and regulate upon other components of the XAMPP. Version 3.2.1 is the most recent update. A detailed description of the control panel will be done in the next section of the tutorial.
9. **Webalizer:** It is a Web Analytics software solution used for User logs and provide details about the usage.
10. **Mercury:** It is a mail transport system, and its latest version is 4.62. It is a mail server, which helps to manage the mails across the web.
11. **Tomcat:** Version 7.0.42 is currently being used in XAMPP. It is a servlet based on JAVA to provide JAVA functionalities.
12. **Filezilla:** It is a File Transfer Protocol Server, which supports and eases the transfer operations performed on files. Its recently updated version is 0.9.41.

XAMPP Format Support

XAMPP is supported in three file formats:

- **.EXE-** It is an extension used to denote executable files making it accessible to install because an executable file can run on a computer as any normal program.

- **.7z - 7zip file**- This extension is used to denote compressed files that support multiple data compression and encryption algorithms. It is more favored by a formalist, although it requires working with more complex files.
- **.ZIP**- This extension supports lossless compression of files. A Zipped file may contain multiple compressed files. The **Deflate algorithm** is mainly used for compression of files supported by this format. The .ZIP files are quite tricky to install as compared to .EXE

Thus .EXE is the most straightforward format to install, while the other two formats are quite complicated and complex to install.

VISUAL STUDIO CODE

Visual Studio Code is a code editor in layman's terms. Visual Studio Code is "a free-editor that helps the programmer write code, helps in debugging and corrects the code using the intelli-sense method ". In normal terms, it facilitates users to write the code in an easy manner. Many people say that it is half of an IDE and an editor, but the decision is up to the coders. Any program/software that we see or use works on the code that runs in the background. Traditionally coding was used to do in the traditional editors or even in the basic editors like notepad! These editors used to provide basic support to the coders.

Some of them were so basic that it was very difficult in writing basic English level programs in them. As time went by, some programming languages needed a specific framework and support for further coding and development it, which was not possible using these editors. VI Editor, Sublime Text Editor, is one of the many kinds of editors that came into existence. The most prominent and which supports almost every coding language is VISUAL STUDIO CODE. Its features let the user modify the editor as per the usage, which means the user is able to download the libraries from the internet and integrate it with the code as per his requirements.

Visual Studio Code has some very unique features. They are listed as below :

- **Support for multiple programming languages:** Supports multiple programming languages. So earlier, programmers needed Web-Support: a different editor for different languages, but it has built-in multi-language support. This also means it easily detects if there's any fault or cross-language reference, it'll be able to detect it easily.
- **Intelli-Sense:** It can detect if any snippet of code is left incomplete. Also, common variable syntaxes and variable declarations are made automatically. Ex: If a certain variable is being used in the program and the user has forgotten to declare, intelli-sense will declare it for the user.
- **Cross-Platform Support:** Traditionally, editors used to support either Windows or Linux or Mac Systems. But Visual Studio Code is cross-platform. So it can work on all three platforms. Also, the code works on all three platforms; else, the open-source and proprietary software codes used to be different.

- **Extensions and Support:** Usually supports all the programming languages but, if the user/programmer wants to use the programming language which is not supported then, he can download the extension and use it. And performance-wise, the extension doesn't slow down the editor as it runs as a different process.
- **Repository:** With the ever-increasing demand for the code, secure and timely storage is equally important. It is connected with Git or can be connected with any other repository for pulling or saving the instances.
- **Web-Support:** Comes with built-in support for Web applications. So web applications can be built and supported in VSC.
- **Hierarchy Structure:** The code files are located in files and folders. The required code files also have some files, which may be required for other complex projects. These files can be deleted as per convenience.
- **Improving Code:** Some code snippets can be declared a bit differently, which might help the user in the code. This function prompts the user, wherever necessary, to change it to the suggested option.
- **Terminal Support:** Many of the times, the user needs to start from the root of the directory to start with a particular action, in-built terminal or console provides user support to not to switch in-between two screens for the same.
- **Multi-Projects:** Multiple projects containing multiple files/folders can be opened simultaneously. These projects/folders might or might not be related to each other.
- **Git Support:** Resources can be pulled from Git Hub Repo online and vice-versa; saving can be done too. Resource pulling also means cloning the code which is made available on the internet. This code can later be changed and saved.
- **Commenting:** A common feature, but some of the languages do not support it. Commenting on the code helps the user to recall or track according to the sequence he wants.

Introduction to PHP

What is a PHP File?

- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code is executed on the server, and the result is returned to the browser as plain HTML
- PHP files have extension ".php"

What Can PHP Do?

- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can be used to control user-access
- PHP can encrypt data

With PHP you are not limited to output HTML. You can output images or PDF files. You can also output any text, such as XHTML and XML.

Why PHP?

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is free. Download it from the official PHP resource: www.php.net
- PHP is easy to learn and runs efficiently on the server side

What's new in PHP 7

- PHP 7 is much faster than the previous popular stable release (PHP 5.6)
- PHP 7 has improved Error Handling
- PHP 7 supports stricter Type Declarations for function arguments
- PHP 7 supports new operators (like the spaceship operator: `<=>`)

What Do I Need?

To start using PHP, you can:

- Find a web host with PHP and MySQL support
- Install a web server on your own PC, and then install PHP and MySQL

Use a Web Host With PHP Support

If your server has activated support for PHP you do not need to do anything.

Just create some .php files, place them in your web directory, and the server will automatically parse them for you.

You do not need to compile anything or install any extra tools.

Because PHP is free, most web hosts offer PHP support.

Set Up PHP on Your Own PC

However, if your server does not support PHP, you must:

- install a web server
- install PHP
- install a database, such as MySQL

Introduction to HTML

HTML is an acronym which stands for Hyper Text Markup Language which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.

Hyper Text: HyperText simply means "Text within Text." A text has a link within it, is a hypertext. Whenever you click on a link which brings you to a new webpage, you have clicked on a hypertext. HyperText is a way to link two or more web pages (HTML documents) with each other.

Markup language: A markup language is a computer language that is used to apply layout and formatting conventions to a text document. Markup language makes text more interactive and dynamic. It can turn text into images, tables, links, etc.

Web Page: A web page is a document which is commonly written in HTML and translated by a web browser. A web page can be identified by entering an URL. A Web page can be of the static or dynamic type. With the help of HTML only, we can create static web pages.

Hence, HTML is a markup language which is used for creating attractive web pages with the help of styling, and which looks in a nice format on a web browser. An HTML document is made of many HTML tags and each HTML tag contains different content. Let's see a simple example of HTML.

```
<!DOCTYPE>
<html>
<head>
<title>Web page title</title>
</head>
<body>
<h1>Write Your First Heading</h1>
<p>Write Your First Paragraph.</p>
</body>
</html>
```

Description of HTML Example

<!DOCTYPE>: It defines the document type or it instruct the browser about the version of HTML.

<html >: This tag informs the browser that it is an HTML document. Text between html tag describes the web document. It is a container for all other elements of HTML except <!DOCTYPE>

<head>: It should be the first element inside the <html> element, which contains the metadata (information about the document). It must be closed before the body tag opens.

<title>: As its name suggested, it is used to add title of that HTML page which appears at the top of the browser window. It must be placed inside the head tag and should close immediately. (Optional)

<body>: Text between body tag describes the body content of the page that is visible to the end user. This tag contains the main content of the HTML document.

<h1>: Text between <h1> tag describes the first level heading of the webpage.

<p>: Text between <p> tag describes the paragraph of the webpage.

Features of HTML

- 1) It is a very **easy and simple language**. It can be easily understood and modified.
- 2) It is very easy to make an **effective presentation** with HTML because it has a lot of formatting tags.
- 3) It is a **markup language**, so it provides a flexible way to design web pages along with the text.
- 4) It facilitates programmers to add a **link** on the web pages (by html anchor tag), so it enhances the interest of browsing of the user.
- 5) It is **platform-independent** because it can be displayed on any platform like Windows, Linux, and Macintosh, etc.
- 6) It facilitates the programmer to add **Graphics, Videos, and Sound** to the web pages which makes it more attractive and interactive.
- 7) HTML is a case-insensitive language, which means we can use tags either in lower-case or upper-case.

Introduction to CSS

What is CSS?

CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

What does CSS do

- You can add new looks to your old HTML documents.
- You can completely change the look of your website with only a few changes in CSS code.

Why use CSS

These are the three major benefits of CSS:

1) Solves a big problem

Before CSS, tags like font, color, background style, element alignments, border and size had to be repeated on every web page. This was a very long process. For example: If you are developing a large website where fonts and color information are added on every single page, it will become a long and expensive process. CSS was created to solve this problem. It was a W3C recommendation.

2) Saves a lot of time

CSS style definitions are saved in external CSS files so it is possible to change the entire website by changing just one file.

3) Provide more attributes

CSS provides more detailed attributes than plain HTML to define the look and feel of the website.

Introduction to JAVASCRIPT

JavaScript is a lightweight, cross-platform, and interpreted compiled programming language which is also known as the scripting language for webpages. It is well-known for the development of web pages, many non-browser environments also use it. JavaScript can be used for Client-side developments as well as Server-side developments. Javascript is both imperative and declarative type of language. JavaScript contains a standard library of objects, like Array, Date, and Math, and a core set of language elements like operators, control structures, and statements.

Client-side: It supplies objects to control a browser and its Document Object Model (DOM). Like if client-side extensions allow an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation. Useful libraries for the client-side are AngularJS, ReactJS, VueJS and so many others.

Server-side: It supplies objects relevant to running JavaScript on a server. Like if the server-side extensions allow an application to communicate with a database, and provide continuity of information from one invocation to another of the application, or perform file manipulations on a server. The useful framework which is the most famous these days is node.js.

Imperative language – In this type of language we are mostly concern about how it is to be done . It simply control the flow of computation . The procedural programming approach , object, oriented approach comes under this like async await we are thinking what it is to be done further after async call.

Declarative programming – In this type of language we are concern about how it is to be done , basically here logical computation require . Here main goal is to describe the desired result without direct dictation on how to get it like arrow function do .

JavaScript can be added to your HTML file in two ways:

Internal JS: We can add JavaScript directly to our HTML file by writing the code inside the `<script>` tag. The `<script>` tag can either be placed inside the `<head>` or the `<body>` tag according to the requirement.

External JS: We can write JavaScript code in other file having an extension.js and then link this file inside the `<head>` tag of the HTML file in which we want to add this code.

Introduction To MySQL DBMS

Back End Tool

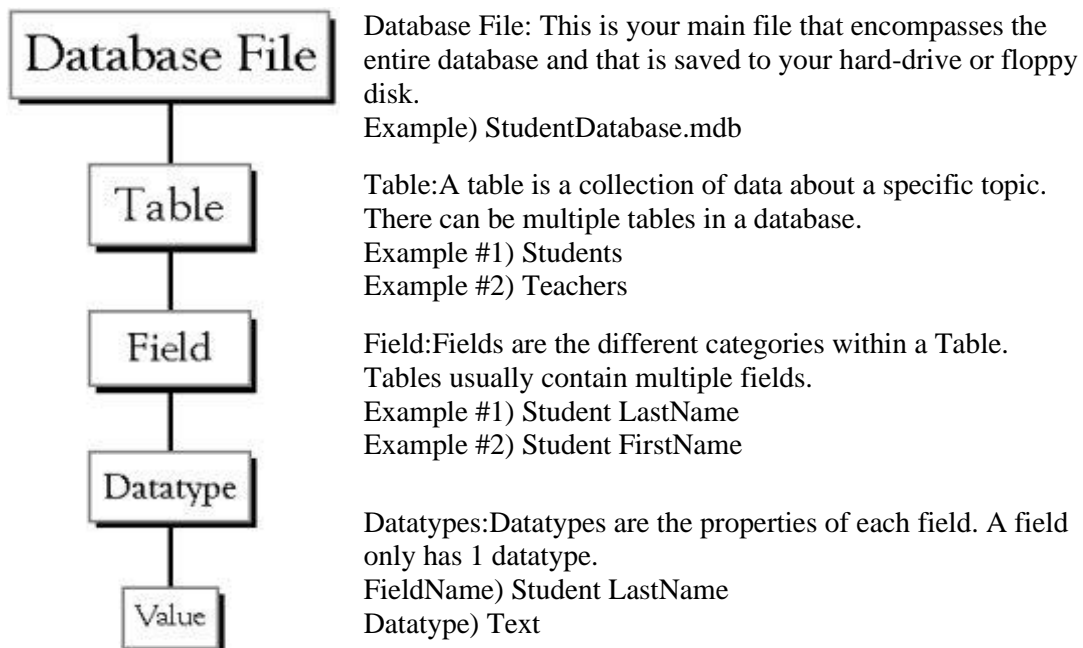
A back end is software which stores the data, manages it properly as it is designed by the user/programmer. One can store, retrieve, update or delete the data when ever needed or required. Not only can this it also retrieve the data when ever needed and as needed.

A back end tool can be a DBMS (Data Base Management System) or RDBMS (Relational Data Base Management System). A DBMS is software which allows the user to read, write and manipulate the data from the front end but it cannot allow the flexibility of establishing relations between the different tables of the back end. On establishing relations it becomes easy for the user to make regular checks for the availability of the records/values required according to the need.

An RDBMS allows storing and manipulating the data in the same manner as what a DBMS allows along with which it also gives the flexibility of establishing relations in between two or more tables on the basis of values stored in them.

Microsoft Access is a powerful program to create and manage your databases. It has many built in features to assist you in constructing and viewing your information. Access is much more involved and is a more genuine database application than other programs such as Microsoft Works.

- First of all you need to understand how Microsoft Access breaks down a database. Some keywords involved in this process are: Database File, Table, Record, Field, Data-type. Here is the Hierarchy that SQL Server uses in breaking down a database.



Forms

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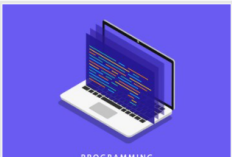


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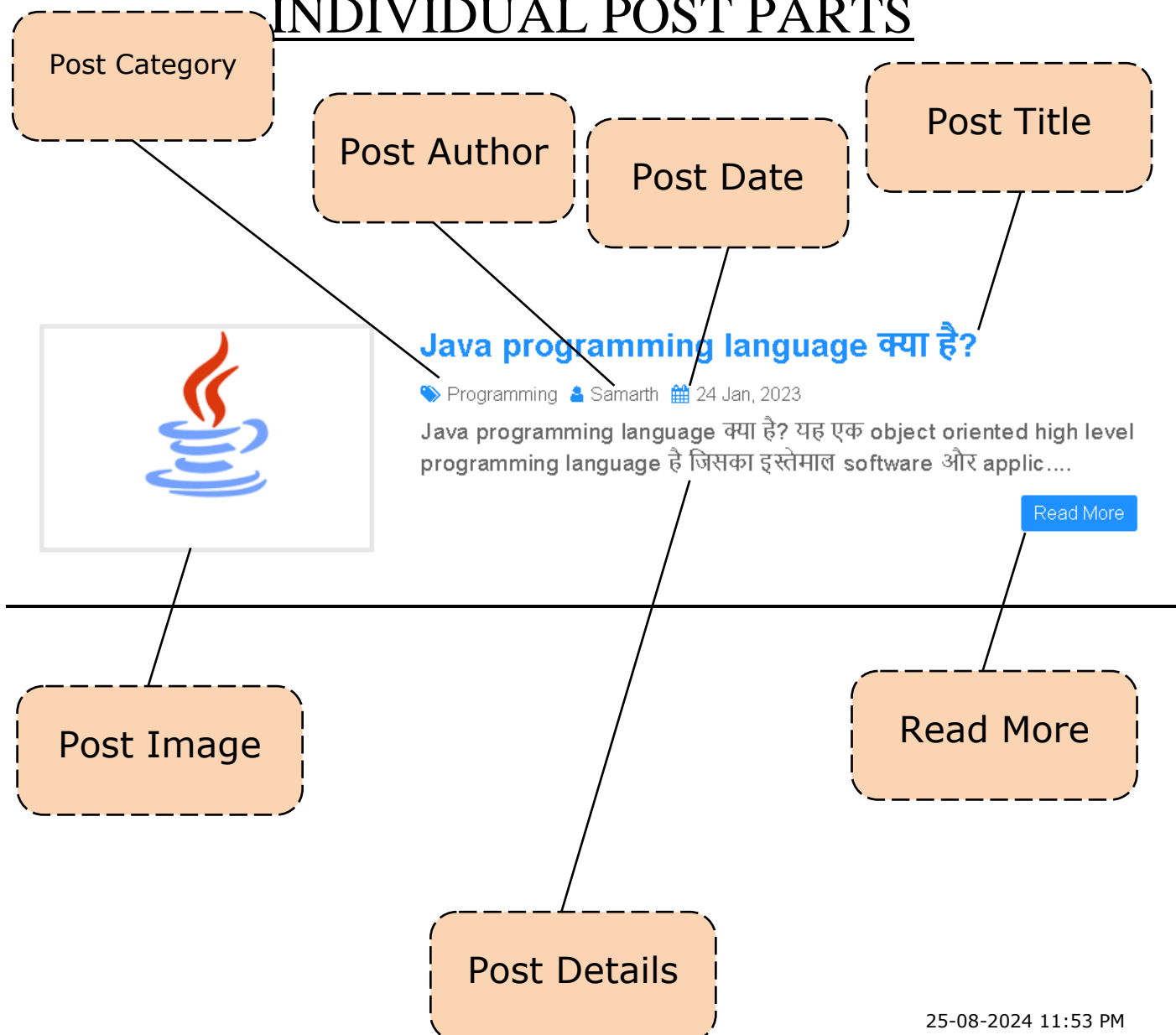
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3	Sanjay Sir	A	Admin		

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First Name

Piyush

Last Name

Kumar

User Name

Piyush

Password

...

User Role

Admin

Save

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LOGING PANEL



NEWS BLOG

Admin

Username

Password

login

Back

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Coding

admin/add-category.php

```
<?php include "header.php";if($_SESSION['user_role']==0){header("Location: {$hostname}/admin/");}
?><div id="admin-content"><div class="container"><div class="row"><div class="col-md-12"><h1
class="admin-heading">Add New Category</h1></div><div class="col-md-6 col-md-offset-3"><?php
if(isset($_POST['save']))){include("config.php");$category_name=mysqli_real_escape_string($conn,$_POS
T['cat']);$sql_category_check="SELECT category_name FROM category
WHERE category_name =
'{$category_name}';$result_sql_category_check=mysqli_query($conn,$sql_category_check)or
die("Query Failed!! --> \n
sql_category_check");if(mysqli_num_rows($result_sql_category_check)>0){echo("<p style='color:red;
font-size:25px; margin:10px \n
0px;'>Category Already
Exits...</p>");}else{$sql_insert_category="INSERT INTO category (category_name)
VALUES
('{$category_name}')";if(mysqli_query($conn,$sql_insert_category)){header("Location: {$hostname}/admin
/category.php");}}} ?><form action="<?php $_SERVER['PHP_SELF']
?>"autocomplete="off"method="POST"><div class="form-group"><label>Category Name</label> <input
class="form-control"name="cat"required placeholder="Category Name"></div><input class="btn btn-
primary"name="save"required type="submit"value="Save"></form></div></div></div></div><?php
include "footer.php"; ?>
```

admin/add-user.php

```
<?php include "header.php"; ?><div id="admin-content"><div class="container"><div class="row"><div
class="col-md-12"><h1 class="admin-heading">Add User</h1></div><div class="col-md-6 col-md-offset-
3"><?php
if(isset($_POST['save']))){include("config.php");$fname=mysqli_real_escape_string($conn,$_POST['fname'
]);$lname=mysqli_real_escape_string($conn,$_POST['lname']);$username=mysqli_real_escape_string($con
n,$_POST['user']);$pass=mysqli_real_escape_string($conn,md5($_POST['password']));$role=mysqli_real_e
scape_string($conn,$_POST['role']);$sql_user_check="SELECT username FROM user WHERE username
= '{$username}';$result_user_check=mysqli_query($conn,$sql_user_check)or die("Query Die (
sql_user_check )!!");if(mysqli_num_rows($result_user_check)>0){echo("<p style='font:red;text-
align:center'>User already Exsits !!</p>");}else{$sql_insert_user="INSERT INTO user (first_name,
last_name,username,password,role)

values('{$fname}','{$lname}','{$username}','{$pass}','{$role}')";if(mysqli_query($conn,$sql_insert_user)){
header("Location: {$hostname}/admin/users.php");}}} ?><form action="<?php $_SERVER['PHP_SELF']
?>"autocomplete="off"method="POST"><div class="form-group"><label>First Name</label> <input
class="form-control"name="fname"required placeholder="First Name"></div><div class="form-
group"><label>Last Name</label> <input class="form-control"name="lname"required placeholder="Last
Name"></div><div class="form-group"><label>User Name</label> <input class="form-
control"name="user"required placeholder="Username"></div><div class="form-
group"><label>Password</label> <input class="form-control"name="password"required
placeholder="Password"type="password"></div><div class="form-group"><label>User Role</label>
<select class="form-control"name="role"><option value="0">Normal User</option><option
value="1">Admin</option></select></div><input class="btn btn-primary"name="save"required
type="submit"value="Save"></form></div></div></div></div><?php include "footer.php"; ?>
```


admin/add-post.php

```
<?php
include("header.php");include("config.php");if(isset($_POST['submit'])){session_start();if(isset($_FILES['fileToUpload'])){$file_name=$_FILES['fileToUpload']['name'];$file_tmp=$_FILES['fileToUpload']['tmp_name'];$file_type=$_FILES['fileToUpload']['type'];$file_size=$_FILES['fileToUpload']['size'];$file_ext=strtolower(end(explode('.', $file_name)));$allow_extension=array("jpg","jpeg","png");$file_error=array();if(in_array($file_ext,$allow_extension)===false){$file_error[]="This extension file not allowed, Please choose a JPG or PNG file.";}if($file_size>2097152){$file_error[]="Image must be 2mb or lower.";}$save_img_name=date("d_M_Y_h_i_sa")."." . basename($file_name);$img_save_target="upload/";if(empty($file_error)===true){move_uploaded_file($file_tmp,$img_save_target.$save_img_name);}else{print_r($file_error);die();}}$post_title=mysqli_real_escape_string($conn,$_POST['post_title']);$post_desc=mysqli_real_escape_string($conn,$_POST['postdesc']);$post_cate=mysqli_real_escape_string($conn,$_POST['category']);$post_date=date("d M, Y");$post_author=$_SESSION['user_id'];$sql_insert_post="INSERT INTO post (title,description,category,post_date,author,post_img)
VALUES
('{$post_title}','{$post_desc}','{$post_cate}','{$post_date}','{$post_author}','{$save_img_name}');" ;$sql_insert_post.="UPDATE category SET post = post + 1 WHERE category_id = '{$post_cate}'";if(mysqli_multi_query($conn,$sql_insert_post)){header("Location: {$hostname}/admin/post.php");}else{echo "<div class='alert alert-danger'>Post Not Submit</div>";}} ?><div id="admin-content"><div class="container"><div class="row"><div class="col-md-12"><h1 class="admin-heading">Add New Post</h1></div><div class="col-md-6 col-md-offset-3"><form action=""><?php $_SERVER['PHP_SELF'] ?>"enctype="multipart/form-data"method="POST"><div class="form-group"><label for="post_title">Title</label> <input name="post_title"required class="form-control"autocomplete="off"></div><div class="form-group"><label for="exampleInputPassword1">Description</label> <textarea class="form-control" name="postdesc"required rows="5"></textarea></div><div class="form-group"><label for="exampleInputPassword1">Category</label> <select class="form-control" name="category"><option disabled selected>Select Category</option><?php include("config.php");$sql_category_list="SELECT * from category"or die("Query Die!! -->sql_category_list");$result_sql_category_list=mysqli_query($conn,$sql_category_list);if(mysqli_num_rows($result_sql_category_list)>0){ while($row=mysqli_fetch_assoc($result_sql_category_list)){ ?><option value=""><?php echo($row['category_id']) ?>"><?php echo($row['category_name']) ?></option><?php }} ?></select></div><div class="form-group"><label for="exampleInputPassword1">Post image</label> <input name="fileToUpload"required type="file"></div><input name="submit"required class="btn btn-primary"type="submit"value="Save"></form></div></div></div></div><?php include "footer.php"; ?>
```

admin/category.php

```
<?php include "header.php";if($_SESSION['user_role']==0){header("Location: {$hostname}/admin/");}
?><div id="admin-content"><div class="container"><div class="row"><div class="col-md-10"><h1
class="admin-heading">All Categories</h1></div><div class="col-md-2"><a href="add-
category.php" class="add-new">add category</a></div><div class="col-md-12"><table class="content-
table"><thead><th>S.No.</th><th>Category Name</th><th>No. of
Posts</th><th>Edit</th><th>Delete</th></thead><tbody><?php
include("config.php");if(isset($_GET['category_page_index'])){ $page_index_by_addbar=$_GET['category_
page_index'];}else{ $page_index_by_addbar=1;} $record_limit=5;$offset=($page_index_by_addbar-
1)*$record_limit;$sql_show_category="SELECT * FROM category LIMIT
{$offset},{$record_limit}"; $result_sql_show_category=mysqli_query($conn,$sql_show_category)or
die("Query Failed!! -->
sql_show_category");if(mysqli_num_rows($result_sql_show_category)>0){ $serial_num=$offset+1;while($
row=mysqli_fetch_assoc($result_sql_show_category)){ ?><tr><td class="id"><?php echo($serial_num);
?></td><td><?php echo($row['category_name']) ?></td><td><?php echo($row['post']) ?></td><td
class="edit"><a href="update-category.php?category_index=<?php echo($row['category_id']) ?>"><i
class="fa fa-edit"></i></a></td><td class="delete"><a href="delete-category.php?category_index=<?php
echo($row['category_id']) ?>"><i class="fa fa-trash-o"></i></a></td></tr><?php $serial_num++;} }
?></tbody></table><?php $sql_show_category_by_page="SELECT * FROM
category"; $result_sql_show_category_by_page=mysqli_query($conn,$sql_show_category_by_page)or
die("Query Failed!! -->
sql_show_category_by_page");if(mysqli_num_rows($result_sql_show_category_by_page)>0){ $total_categ
ory_record=mysqli_num_rows($result_sql_show_category_by_page); $total_page=ceil($total_category_reco
rd/$record_limit);echo("<ul class='pagination admin-
pagination'>");if($page_index_by_addbar>1){echo("<li><a
href='category.php?category_page_index=".($page_index_by_addbar-
1)."'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){ if($page_index_by_addbar==$i){ $active_page="act
ive";}else{ $active_page="";}echo("<li class=$active_page><a
href='category.php?category_page_index=$i'>$i</a></li>");}if($page_index_by_addbar<$total_page){echo
("<li><a
href='category.php?category_page_index=".($page_index_by_addbar+1)."'>Next</a></li>");}echo("</ul>")
;} ?></div></div></div></div><?php include "footer.php"; ?>
```

admin/config.php

```
<?php
$website_display_default_name = "Blog's";
$hostname = "http://localhost/BLOG";
or die("Connection Failed!!" . mysqli_connect_error());
$conn = mysqli_connect('localhost', 'root', '', 'blog_db') or die("Connection Failed!!" .
mysqli_connect_error());
?>
```

admin/delete-category.php

```
<?php
include("config.php"); $category_index_by_addbar = $_GET['category_index'];
$sql_category_delete = "DELETE FROM category WHERE category_id = {$category_index_by_addbar}"
or die("Query Failed!! --> sql_category_delete");
if (mysqli_query($conn,$sql_category_delete)) {
    header("Location: {$hostname}/admin/category.php");
}
mysqli_close($conn); ?>
```

admin/delete-post.php

```
<?php
include("config.php");
$post_id_by_addbar = $_GET['post_id'];
$category_id_by_addbar = $_GET['cate_id'];
$sql_select_post_img = "SELECT * FROM post WHERE post_id = {$post_id_by_addbar}";
$result_sql_select_post_img = mysqli_query($conn, $sql_select_post_img) or die("Query Die !! -->
sql_select_post_img");
if (mysqli_num_rows($result_sql_select_post_img)>0) {
    $row = mysqli_fetch_assoc($result_sql_select_post_img);
    unlink("upload/" . $row['post_img']);
}
$sql_delete_post = "DELETE FROM post WHERE post_id = {$post_id_by_addbar}";
$sql_delete_post .= "UPDATE category SET post = post - 1 WHERE category_id =
{$category_id_by_addbar}";
if (mysqli_multi_query($conn,$sql_delete_post)) {
    header("Location:{$hostname}/admin/post.php");
} else { echo ("<div class='alert alert-danger'>Can't Delete Post!!</div>");}mysqli_close($conn);
?>
```

admin/delete-user.php

```
<?php
include("config.php");
$user_id_getaddbar = $_GET['id'];
$sql_delete_user = "DELETE FROM user WHERE user_id='{$user_id_getaddbar}'";
if (mysqli_query($conn, $sql_delete_user)) {
    header("Location:{$hostname}/admin/users.php");
} else { echo ("<p style='color:red; margin:10px 0;'>Can't Delete the User Record."); }
mysqli_close($conn); ?>
```

admin/footer.php

```
<div id="footer">
<div class="container">
<div class="row">
<div class="col-md-12"><?php
include("config.php");
$sql_setting_record = "SELECT * FROM settings";
$result_sql_setting_record = mysqli_query($conn, $sql_setting_record) or die("Query Die !! -->
sql_setting_record"); if (mysqli_num_rows($result_sql_setting_record) > 0) {
    while ($row_setting_record = mysqli_fetch_assoc($result_sql_setting_record)) {
        if ($row_setting_record['footerdesc'] == "") {
            echo '<span>Footer Not Found!!</span>';
        } else {
            echo '<span>' . $row_setting_record['footerdesc'] . '</span>';
        }
    }
}
?>
</div>
</div>
</div></div></body>

</html>
```

admin/header.php

```
<?php
include("config.php");session_start();if(!isset($_SESSION['username'])) {header("Location: { $hostname }/admin/");} $current_page=basename($_SERVER['PHP_SELF']);$prefix_word="ADMIN
Panel";switch($current_page){case 'add-category.php':$page_title="{ $prefix_word } - Category
Add";break;case 'add-post.php':$page_title="{ $prefix_word } - Post Add";break;case 'add-
user.php':$page_title="{ $prefix_word } - User Add";break;case 'category.php':$page_title="{ $prefix_word }
- Category";break;case 'post.php':$page_title="{ $prefix_word } - Post";break;case
'settings.php':$page_title="{ $prefix_word } - Settings";break;case 'update-
category.php':$page_title="{ $prefix_word } - Category Update";break;case 'update-
post.php':$page_title="{ $prefix_word } - Post Update";break;case 'update-
user.php':$page_title="{ $prefix_word } - User Update";break;case 'users.php':$page_title="{ $prefix_word } -
Users";break;default:$page_title=$website_display_default_name;break;} ?><!doctypehtml><html
lang="en"><head><meta charset="UTF-8"><meta content="width=device-width,initial-
scale=1" name="viewport"><meta content="ie=edge"http-equiv="X-UA-Compatible"><link
href="http://blogacstproject.infinityfreeapp.com/admin/icon/graduation-cap.png" rel="shortcut icon" type="x-
con"><title><?php echo($page_title); ?></title><link href=" ../css/bootstrap.min.css" rel="stylesheet"><link
href=" ../css/font-awesome.css" rel="stylesheet"><link
href=" ../css/style.css" rel="stylesheet"></head><body><div id="header-admin"><div
class="container"><div class="row"><div class="col-md-2"><?php
include("config.php");$sql_setting_record="SELECT * FROM
settings";$result_sql_setting_record=mysqli_query($conn,$sql_setting_record)or die("Query Die !! -->
sql_setting_record");if(mysqli_num_rows($result_sql_setting_record)>0){ while($row_setting_record=mysqli_
fetch_assoc($result_sql_setting_record)){ if($row_setting_record['logo']== "") { echo '<a
href="index.php"><h1>'.$row_setting_record['websitename'].'</h1></a>'; } else { echo('<a href="index.php"
id="logo"></a>'); } } ?></div><div class="col-md-3 col-
md-offset-7"><a href="logout.php" class="admin-logout">Hello<?php echo $_SESSION['username']; ?>,
LOGOUT</a></div></div></div><div id="admin-menubar"><div class="container"><div
class="row"><div class="col-md-12"><ul class="admin-menu"><li><a
href="post.php">Post</a></li><?php if($_SESSION['user_role']==1){ ?><li><a
href="category.php">Category</a></li><li><a href="users.php">Users</a></li><li><a
href="settings.php">Settings</a></li><?php } ?></ul></div></div></div></div>
```

admin/logout.php

```
<?php
include("config.php");
session_start();
session_unset();
session_destroy();
header("Location: { $hostname }/admin/");
?>
```

admin/index.php

```
<?php
include("config.php");session_start();if(isset($_SESSION['username'])){header("Location:{$hostname}/admin/post.php");} ?><!doctypehtml><html><head><meta charset="UTF-8"><meta content="width=device-width,initial-scale=1"name="viewport"><meta content="ie=edge"http-equiv="X-UA-Compatible"><link href="http://localhost/BLOG/admin/icon/graduation-cap.png"rel="shortcut icon"type="x-con"><title>ADMIN | Login</title><link href=" ../css/bootstrap.min.css"rel="stylesheet"><link href="font/font-awesome-4.7.0/css/font-awesome.css"rel="stylesheet"><link href=" ../css/style.css"rel="stylesheet"></head><body><div class="body-content"id="wrapper-admin"><div class="container"><div class="row"><div class="col-md-4 col-md-offset-4"><?php
include("config.php");$sql_setting_record="SELECT * FROM
settings";$result_sql_setting_record=mysqli_query($conn,$sql_setting_record)or die("Query Die !! -->
sql_setting_record");if(mysqli_num_rows($result_sql_setting_record)>0){ while($row_setting_record=mysqli
fetch_assoc($result_sql_setting_record)){if($row_setting_record['logo']==""){echo '<a
href="index.php"><h1>'.$row_setting_record['websitename'].'</h1></a>';}else{echo('Admin</h3><?php
if(isset($_POST['login'])){include("config.php");$username=mysqli_real_escape_string($conn,$_POST['use
rname']);$pass=mysqli_real_escape_string($conn,md5($_POST['password']));$sql_user_pass_cheack="SEL
ECT * FROM user WHERE username = '{$username}' AND password = '{$pass}'"or die("Query Failed!! --
>
sql_user_pass_cheack");$result_sql_user_pass_cheack=mysqli_query($conn,$sql_user_pass_cheack);if(mys
qli_num_rows($result_sql_user_pass_cheack)>0){ while($row=mysqli_fetch_assoc($result_sql_user_pass_c
heack)){session_start();$_SESSION['user_id']=$row['user_id'];$_SESSION['username']=$row['username'];$
_SESSION['user_role']=$row['role'];header("Location:{$hostname}/admin/post.php");}}else{echo "<div
class='alert alert-danger'>Invalid username and password!!</div>";}} ?><form action=""<?php
$_SERVER['PHP_SELF'] ?>"method="POST"><div class="form-group"><label>Username</label> <input
class="form-control"name="username"placeholder=""required></div><div class="form-
group"><label>Password</label> <input class="form-control"name="password"placeholder=""required
type="password"></div><input class="btn btn-primary"name="login"type="submit"value=" login ">
<button class="btn btn-secondary"><a
href="http://localhost/BLOG/">Back</a></button></form></div></div></div></div></body></html>
```

admin/post.php

```
<?php include "header.php"; ?><div id="admin-content"><div class="container"><div class="row"><div
class="col-md-10"><h1 class="admin-heading">All Posts</h1></div><div class="col-md-2"><a
href="add-post.php" class="add-new">add post</a></div><div class="col-md-12"><table class="content-
table"><thead><th>S.No.</th><th>Title</th><th>Category</th><th>Date</th><th>Author</th><th>Edit<
/th><th>Delete</th></thead><tbody><?php
include("config.php");if(isset($_GET['page_index'])){$page_index_by_addbar=$_GET['page_index'];}else{
$page_index_by_addbar=1;}$record_limi=5;$offset=($page_index_by_addbar-
1)*$record_limi;if($_SESSION['user_role']==1){$sql_show_post_record="SELECT * FROM post
LEFT JOIN category ON post.category = category.category_id
LEFT JOIN user ON post.author = user.user_id
ORDER BY post.post_id DESC LIMIT {$offset},{ $record_limi}"or die("Query Failed!! -->
sql_show_post_record");}elseif($_SESSION['user_role']==0){$sql_show_post_record="SELECT * FROM
post
LEFT JOIN category ON post.category = category.category_id
LEFT JOIN user ON post.author = user.user_id
WHERE post.author = {$_SESSION['user_id']}
ORDER BY post.post_id DESC LIMIT {$offset},{ $record_limi}"or die("Query Failed!! -->
sql_show_post_record");}else{$result_sql_show_post_record=mysqli_query($conn,$sql_show_post_recor
d);if(mysqli_num_rows($result_sql_show_post_record)>0){ $serial_num=$offset+1;while($row=mysqli_fet
ch_assoc($result_sql_show_post_record)){ ?><tr><td class="id"><?php echo($serial_num)
?></td><td><?php echo($row['title']) ?></td><td><?php echo($row['category_name']) ?></td><td><?php
echo($row['post_date']) ?></td><td><?php echo($row['first_name']. ' '.$row['last_name']) ?></td><td
class="edit"><a href="update-post.php?post_id=<?php echo($row['post_id']) ?>"><i class="fa fa-
edit"></i></a></td><td class="delete"><a href="delete-post.php?post_id=<?php echo $row['post_id'];
?>&cate_id=<?php echo $row['category']; ?>"><i class="fa fa-trash-o"></i></a></td></tr><?php
$serial_num++;} ?></tbody></table><?php $sql_total_post_record="SELECT * from post"or die("Query
Failed !! -->
sql_total_post_record");$result_sql_total_post_record=mysqli_query($conn,$sql_total_post_record);if(mysq
li_num_rows($result_sql_total_post_record)>0){ $total_post_record=mysqli_num_rows($result_sql_total_p
ost_record);$total_page=ceil($total_post_record/$record_limi);echo("<ul class='pagination admin-
pagination'>");if($page_index_by_addbar>1){echo("<li><a
href='\$hostname/admin/post.php?page_index=".($page_index_by_addbar-
1)."'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){if($page_index_by_addbar==$i){ $active_page="act
ive";}else{ $active_page="";}echo("<li class=\$active_page><a
href='\$hostname/admin/post.php?page_index=\$i'>\$i</a></li>");}if($page_index_by_addbar<$total_page){
echo("<li><a
href='\$hostname/admin/post.php?page_index=".($page_index_by_addbar+1)."'>Next</a></li>");}echo("</
ul>");} ?></div></div></div></div><?php include "footer.php"; ?>
```

admin/settings.php

```
<?php include
"header.php";include("config.php");if($_SESSION['user_role']==0){header("Location:{ $hostname }/admin/
");}if(isset($_POST['Submit'])){if(empty($_FILES['logo']['name'])){ $file_name=$_POST['old_logo'];}else{
if(isset($_FILES['logo'])){ $file_name=$_FILES['logo']['name'];$file_tmp=$_FILES['logo']['tmp_name'];$
file_type=$_FILES['logo']['type'];$file_size=$_FILES['logo']['size'];$file_ext=strtolower(end(explode('.', $
file_name))); $allow_extension=array("jpg","jpeg","png");$file_error=array();if(in_array($file_ext,$allow_e
xtension)===false){ $file_error[]="This extension file not allowed, Please choose a JPG or PNG
file.";}if($file_size>2097152){ $file_error[]="Image must be 2mb or
lower.";}if(empty($file_error)==true){ move_uploaded_file($file_tmp,"images/".$file_name);}else{print_r($
file_error);die();}}}$websitename=mysqli_real_escape_string($conn,$_POST['website_name']);$footer=my
sqli_real_escape_string($conn,$_POST['footer_desc']);$sql_update_post="UPDATE settings SET
websitename = '{ $websitename }', logo = '{ $file_name }', footerdesc =
'{$footer}'";if(mysqli_query($conn,$sql_update_post)){header("Location:{ $hostname }");}else{echo "<div
class='alert alert-danger'>Settings is Not Update !!</div>";}} ?><div id="admin-content"><div
class="container"><div class="row"><div class="col-md-12"><div class="admin-heading"><h1>Website
Settings</h1></div><div class="col-md-6 col-md-offset-3"><?php
include("config.php");$sql_settings_record="SELECT * FROM
settings";$result_sql_settings_record=mysqli_query($conn,$sql_settings_record)or die("Query Failed !! -->
sql_settings_record");if(mysqli_num_rows($result_sql_settings_record)>0){ while($row=mysqli_fetch_asso
c($result_sql_settings_record)){ ?><form action="<?php $ _SERVER['PHP_SELF']
?>"enctype="multipart/form-data"method="post"><div class="form-group"><label
for="website_name">Website Name</label> <input name="website_name" class="form-control"required
value="<?php echo $row['websitename'] ?>"autocomplete="off"></div><div class="form-group"><label
for="logo">Website Logo</label> <input name="logo" type="file">  <input
name="old_logo" type="hidden"></div><div class="form-group"><label for="footer-desc">Footer
Description</label> <textarea class="form-control" name="footer_desc"required rows="5"><?php echo
$row['footerdesc'] ?></textarea></div><input name="Submit" type="submit" class="btn btn-
primary"required value="Save"><?php } } ?></form></div></div></div></div></div>
```

admin/update-category.php

```
<?php include
"header.php";include("config.php");$category_index_by_addbar=$_GET['category_index'];if(isset($_POST
['sumbit'])){ $category_name=mysqli_escape_string($conn,$_POST['cat_name']);$sql_update_category="U
PDATE category SET category_name = '{ $category_name }' WHERE category_id=
{ $category_index_by_addbar }";if(mysqli_query($conn,$sql_update_category)){header("Location:{ $hostna
me }/admin/category.php");}} ?><div id="admin-content"><div class="container"><div class="row"><div
class="col-md-12"><h1 class="adin-heading">Update Category</h1></div><div class="col-md-6 col-md-
offset-3"><?php include("config.php");$sql_show_category="SELECT * FROM category WHERE
category_id =
{ $category_index_by_addbar }";$result_sql_show_category=mysqli_query($conn,$sql_show_category)or
die("Query Die!! --> sql_show_category");
if(mysqli_num_rows($result_sql_show_category)>0){ while($row=mysqli_fetch_assoc($result_sql_show_c
ategory)){ ?><form action="<?php $ _SERVER['PHP_SELF'] ?>"method="POST"><div class="form-
group"><input class="form-control" name="cat_id" value="<?php echo $row['category_id']
?>"placeholder="" type="hidden"></div><div class="form-group"><label>Category Name</label> <input
class="form-control" name="cat_name" value="<?php echo($row['category_name'])
?>"placeholder=""required></div><input class="btn btn-primary" name="sumbit" value="Update"required
type="submit"></form><?php } } ?></div></div></div></div><?php include "footer.php"; ?>
```

admin/update-post.php

```
<?php include
"header.php";include("config.php");if($_SESSION['user_role']==0){$post_id_by_addbar=$_GET['post_id']
;$sql_get_author_for_secruce_code="SELECT author FROM post WHERE post_id =
{$post_id_by_addbar}";$result_sql_get_author_for_secruce_code=mysqli_query($conn,$sql_get_author_for
_secruce_code)or die("Query Failed !! --> sql_show_post_data");
$row_result_sql_get_author_for_secruce_code=mysqli_fetch_assoc($result_sql_get_author_for_secruce_code
);if($_SESSION['user_id']!= $row_result_sql_get_author_for_secruce_code['author']){header("Location:{$ho
stname}/admin/");}}$post_id_by_addbar=$_GET['post_id'];if(isset($_POST['submit'])){if(empty($_FILES['
new-image']['name'])){$save_img_name=$_POST['old-image'];}else{if(isset($_FILES['new-
image'])){$file_name=$_FILES['new-image']['name'];$file_tmp=$_FILES['new-
image']['tmp_name'];$file_type=$_FILES['new-image']['type'];$file_size=$_FILES['new-
image']['size'];$file_ext=strtolower(end(explode('.', $file_name)));$allow_extension=array("jpg", "jpeg", "pn
g");$file_error=array();if(in_array($file_ext,$allow_extension)===false){$file_error[]="This extension file
not allowed, Please choose a JPG or PNG file.";}if($file_size>2097152){$file_error[]="Image must be 2mb
or lower.";} $save_img_name=date ("d_M_Y_h_i_sa")."." .basename($file_name);
$img_save_target="upload/";if(empty($file_error)===true){move_uploaded_file($file_tmp,$img_save_target
.$save_img_name);}else{print_r($file_error);die();}}}$post_title=mysqli_real_escape_string($conn,$_POS
T['post_title']);$post_desc=mysqli_real_escape_string($conn,$_POST['post_desc']);$post_cat=mysqli_real_
escape_string($conn,$_POST['category']);$old_category=$_POST['old_category'];$new_category=$_POST
['category'];$sql_update_post="UPDATE post SET title = '{$post_title}', description = '{$post_desc}',
category = '{$post_cat}', post_img = '{$save_img_name}' WHERE post_id =
'{$post_id_by_addbar}';";if($_POST['old_category']!= $_POST['category']){$sql_update_post.="UPDATE
category SET post = post - 1 WHERE category_id = {$_POST['old_category']}";";
$sql_update_post.="UPDATE category SET post = post + 1 WHERE category_id =
{$_POST['category']}";";} $result_sql_update_post=mysqli_multi_query ($conn,$sql_update_post);
if($result_sql_update_post){header("Location:{$hostname}/admin/post.php");} else{echo "<div class='alert
alert-danger'>Post is Not Update !!</div>";}} ?><div id="admin-content"><div class="container"><div
class="row"><div class="col-md-12"><h1 class="admin-heading">Update Post</h1></div><div
class="col-md-6 col-md-offset-3"><?php $sql_show_post_data= "SELECT post.post_id, post.category,
post.title, post.description, post.post_date, post.post_img,category.category_name, category.category_id
FROM post LEFT JOIN category ON post.category = category.category_id LEFT JOIN user ON
post.author = user.user_id WHERE post.post_id = {$post_id_by_addbar}";
$result_sql_show_post_data=mysqli_query($conn,$sql_show_post_data)or die("Query Failed !! -->
sql_show_post_data"); if(mysqli_num_rows($result_sql_show_post_data)>
0){ while($row=mysqli_fetch_assoc($result_sql_show_post_data)){ ?><form action="<?php
$_SERVER['PHP_SELF'] ?>"autocomplete="off"enctype="multipart/form-data"method="POST"><div
class="form-group"><input name="post_id"type="hidden"value="<?php echo($row['post_id'])
?>"class="form-control"placeholder=""></div><div class="form-group"><label
for="exampleInputTitle">Title</label> <input name="post_title"value="<?php echo($row['title'])
?>"class="form-control"id="exampleInputUsername"></div><div class="form-group"><label
for="exampleInputPassword1">Description</label> <textarea class="form-
control"name="post_desc"required rows="5"><?php echo($row['description']) ?></textarea></div><div
class="form-group"><?php $sql_category_list="SELECT * from category";$result_sql_category_list=
mysqli_query($conn,$sql_category_list)or die("Query Die!! --> sql_category_list");
if(mysqli_num_rows($result_sql_category_list)>0){ while($row_cate=mysqli_fetch_assoc($result_sql_categ
ory_list)){ if($row_cate['category_id']==$row['category']){$select_cate="selected";}else{$select_cate="";}e
cho("<option {$select_cate} value='{$row_cate['category_id']}'> {$row_cate['category_name']}"
</option>");}} ?></select> <input name="old_category"type="hidden"value="<?php echo
$row['category']; ?>"></div><div class="form-group"><label for="">Post image</label><input name="old-
image"type="hidden"value="<?php echo $row['post_img']; ?>"></div><input
name="submit"type="submit"value="Update"class="btn btn-primary"></form></div></div></div><?php
include "footer.php"; ?>
```


admin/update-user.php

```
<?php include
"header.php";if($_SESSION['user_role']==0){header("Location: {$hostname}/admin/");};include("config.ph
p");$user_id_getaddbar=$_GET['id'];if(isset($_POST['submit'])){$fname=mysqli_real_escape_string($conn
,$_POST['fname']);$lname=mysqli_real_escape_string($conn,$_POST['lname']);$username=mysqli_real_es
cape_string($conn,$_POST['username']);$srole=mysqli_real_escape_string($conn,$_POST['role']);$sql_upda
te_user="UPDATE user SET first_name= '{$fname}', last_name=
 '{$lname}',username='{$username}',role='{$srole}' WHERE
 user_id='{$user_id_getaddbar}";if(mysqli_query($conn,$sql_update_user)){header("Location: {$hostname}
/admin/users.php");}} ?><div id="admin-content"><div class="container"><div class="row"><div
class="col-md-12"><h1 class="admin-heading">Modify User Details</h1></div><div class="col-md-4 col-
md-offset-4"><?php include("config.php");$sql_userdata_show_by_id="SELECT * FROM user WHERE
 user_id =
 {$user_id_getaddbar}";$result_sql_userdata_show_by_id=mysqli_query($conn,$sql_userdata_show_by_id)
or die("Query
Die!!");if(mysqli_num_rows($result_sql_userdata_show_by_id)>0){while($row=mysqli_fetch_assoc($resul
t_sql_userdata_show_by_id)){ ?><form action="<?php $_SERVER['PHP_SELF']
?>"method="POST"><div class="form-group"><input class="form-control"name="user_id"value="<?php
echo $row['user_id'] ?>"placeholder=""type="hidden"></div><div class="form-group"><label>First
Name</label> <input class="form-control"name="fname"value="<?php echo $row['first_name']
?>"placeholder=""required></div><div class="form-group"><label>Last Name</label> <input
class="form-control"name="lname"value="<?php echo $row['last_name']
?>"placeholder=""required></div><div class="form-group"><label>User Name</label> <input
class="form-control"name="username"value="<?php echo $row['username']
?>"placeholder=""required></div><div class="form-group"><label>User Role</label> <select class="form-
control"name="role"value="<?php echo $row['role'] ?>"><?php if($row['role']==1){echo("<option value='1'
selected>Admin</option>\n
                                <option value='0'>Local</option>");}else{echo("<option
value='1'>Admin</option>\n
                                <option value='0' selected>Local</option>");}
?></select></div><input class="btn btn-primary"name="submit"value="Update"required
type="submit"></form><?php }} ?></div></div></div></div><?php include "footer.php"; ?>
```

single.php

```
<?php include 'header.php'; ?><div id="main-content"><div class="container"><div class="row"><div
class="col-md-8"><div class="post-container"><?php
include("config.php");$page_index_by_addbar=$_GET['post_id'];$sql_show_post_record="SELECT *
FROM post
        LEFT JOIN category ON post.category = category.category_id
        LEFT JOIN user ON post.author = user.user_id
        WHERE post.post_id = {$page_index_by_addbar}"or die("Query \n
Failed!! --
>
sql_show_post_record");$result_sql_show_post_record=mysqli_query($conn,$sql_show_post_record);if(m
ysqli_num_rows($result_sql_show_post_record)>0){while($row=mysqli_fetch_assoc($result_sql_show_po
st_record)){ ?><div class="post-content single-post"><h3><?php echo $row['title'] ?></h3><div
class="post-information"><span><i aria-hidden="true" class="fa fa-tags"></i> <a
href="category.php?cate_id=<?php echo $row['category_id']; ?>"><?php echo $row['category_name'];
?></a></span><span><i aria-hidden="true" class="fa fa-user"></i> <a href="author.php?aid=<?php echo
$row['author']; ?>"><?php echo $row['username'] ?></a></span><span><i aria-hidden="true" class="fa fa-
calendar"></i><?php echo $row['post_date'] ?></span></div><p class="description"><?php echo
$row['description'] ?></p></div><?php }} ?></div></div><?php include 'sidebar.php';
?></div></div></div><?php include 'footer.php'; ?>
```

admin/users.php

```
<?php include "header.php";if($_SESSION['user_role']==0){header("Location:{ $hostname }/admin/");}
?><div id="admin-content"><div class="container"><div class="row"><div class="col-md-10"><h1
class="admin-heading">All Users</h1></div><div class="col-md-2"><a href="add-user.php" class="add-
new">add user</a></div><div class="col-md-12"><table class="content-
table"><thead><th>S.No.</th><th>Full Name</th><th>User
Name</th><th>Role</th><th>Edit</th><th>Delete</th></thead><tbody><?php
include("config.php");if(isset($_GET['page_num_index'])){ $page_num_index_by_addbar=$_GET['page_nu
m_index'];}else{ $page_num_index_by_addbar=1;}$record_limit=5;$offset=($page_num_index_by_addbar
-1)*$record_limit;$sql_show_user="SELECT * FROM user ORDER BY user_id LIMIT
{$offset},{$record_limit}"; $result_sql_show_user=mysqli_query($conn,$sql_show_user)or die("Query
Failed!!");if(mysqli_num_rows($result_sql_show_user)>0){ $serial_num=$offset+1;while($row=mysqli_fet
ch_assoc($result_sql_show_user)){ ?><tr><td class="id"><?php echo($serial_num); ?></td><td><?php
echo($row['first_name']. " ".$row['last_name']) ?></td><td><?php echo($row['username'])
?></td><td><?php if($row['role']==1){echo("Admin");}else{echo("Local");} ?></td><td class="edit"><a
href="update-user.php?id=<?php echo($row['user_id']) ?>"><i class="fa fa-edit"></i></a></td><td
class="delete"><a href="delete-user.php?id=<?php echo($row['user_id']) ?>"><i class="fa fa-trash-
o"></i></a></td></tr><?php $serial_num++;} ?></tbody></table><?php
$sql_user_show_by_page="SELECT * FROM
user"; $result_sql_user_show_by_page=mysqli_query($conn,$sql_user_show_by_page)or die("Query Die --
>
sql_user_show_by_page");if(mysqli_num_rows($result_sql_user_show_by_page)>0){ $total_user_record=
mysqli_num_rows($result_sql_user_show_by_page);$total_page=ceil($total_user_record/$record_limit);ec
ho("<ul class='pagination admin-pagination'>");if($page_num_index_by_addbar>1){echo("<li><a
href='users.php?page_num_index=".($page_num_index_by_addbar-
1)."'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){if($page_num_index_by_addbar==$i){ $active_page
="active";}else{ $active_page="";}echo("<li class=$active_page><a
href='users.php?page_num_index=$i'>$i</a></li>");}if($page_num_index_by_addbar<$total_page){echo("
<li><a
href='users.php?page_num_index=".($page_num_index_by_addbar+1)."'>Next</a></li>");}echo("</ul>");}
?></div></div></div>
```

sidebar.php

```
<div class="col-md-4" id="sidebar"><div class="search-box-container"><h4>Search</h4><form
action="search.php" class="search-post"><div class="input-group"><input class="form-
control" name="search" placeholder="Search ....."> <span class="input-group-btn"><button class="btn btn-
danger" type="submit">Search</button></span></div></form></div><div class="recent-post-
container"><h4>Recent Posts</h4><div class="recent-post"><?php
include("config.php");$recent_post_limit_show=5;$sql_recent_post="SELECT * FROM post
LEFT JOIN category ON post.category = category.category_id ORDER BY post.post_id DESC LIMIT
0,{$recent_post_limit_show}"; $result_sql_recent_post=mysqli_query($conn,$sql_recent_post)or
die("Query Die !! --> sql_recent_post");if(mysqli_num_rows
($result_sql_recent_post)>0){ while($row=mysqli_fetch_assoc($result_sql_recent_post)){ ?><div
class="recent-post"><a href="single.php?post_id=<?php echo($row['post_id']) ?>" class="post-img"></a><div class="post-
content"><h5><a href="single.php?post_id=<?php echo($row['post_id']) ?>"><?php echo $row['title']
?></a></h5><span><i aria-hidden="true" class="fa fa-tags"></i> <a href="category.php?cate_id=<?php
echo($row['category']) ?>"><?php echo $row['category_name'] ?></a></span><span><i aria-
hidden="true" class="fa fa-calendar"></i><?php echo $row['post_date'] ?></span><a
href="single.php?post_id=<?php echo($row['post_id']) ?>" class="read-more">read
more</a></div></div><?php } }else{echo("<div class='alert alert-danger'>No Record</div>");}
?></div></div>
```

author.php

```
<?php include 'header.php'; ?><div id="main-content"><div class="container"><div class="row"><div
class="col-md-8"><div class="post-container"><?php
if(isset($_GET['aid'])){$said_by_addbar=$_GET['aid'];}$sql_total_post_record="SELECT * from post JOIN
user
        ON post.author = user.user_id
        WHERE post.author =
{$said_by_addbar}";$result_sql_total_post_record=mysqli_query($conn,$sql_total_post_record)or
die("Query Failed !! -->
sql_total_post_record");$post_row_num=mysqli_fetch_assoc($result_sql_total_post_record); ?><h2
class="page-heading"><?php echo "We're Love {$post_row_num['username']} Blog's" ?></h2><?php
include("config.php");if(isset($_GET['page_index'])){$page_index_by_addbar=$_GET['page_index'];}else{
$page_index_by_addbar=1;}$record_limi=5;$offset=($page_index_by_addbar-
1)*$record_limi;$sql_show_post_record="SELECT * FROM post
        LEFT JOIN category ON post.category = category.category_id
        LEFT JOIN user ON post.author = user.user_id
        WHERE post.author = '{$said_by_addbar}'
        ORDER BY post.post_id DESC LIMIT {$offset},{ $record_limi}"or die("Query Failed!! -->
sql_show_post_record");$result_sql_show_post_record=mysqli_query($conn,$sql_show_post_record);if(m
ysqli_num_rows($result_sql_show_post_record)>0){ while($row=mysqli_fetch_assoc($result_sql_show_po
st_record)){ ?><div class="post-content"><div class="row"><div class="col-md-4"><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="post-img"></a></div><div class="col-md-8"><div
class="clearfix inner-content"><h3><a href="single.php?post_id=<?php echo($row['post_id']) ?>"><?php
echo $row['title']; ?></a></h3><div class="post-information"><span><i aria-hidden="true" class="fa fa-
tags"></i> <a href="category.php?cate_id=<?php echo($row['category']) ?>"><?php echo
$row['category_name']; ?></a></span><span><i aria-hidden="true" class="fa fa-user"></i> <a
href="author.php?aid=<?php echo $row['author']; ?>"><?php echo $row['username'];
?></a></span><span><i aria-hidden="true" class="fa fa-calendar"></i><?php echo $row['post_date'];
?></span></div><p class="description"><?php echo substr($row['description'],0,180).'...'; ?></p><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="pull-right read-more">read
more</a></div></div></div></div><?php
}}if(mysqli_num_rows($result_sql_total_post_record)>0){$total_post_record=mysqli_num_rows($result_s
ql_total_post_record);$total_page=ceil($total_post_record/$record_limi);echo("<ul class='pagination
admin-pagination'>");if($page_index_by_addbar>1){echo("<li><a
href='$hostname/author.php?aid={$said_by_addbar}&page_index='.( $page_index_by_addbar-
1).'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){if($page_index_by_addbar==$i){ $active_page="act
ive";}else{ $active_page="";}echo("<li class=$active_page><a
href='$hostname/author.php?aid={$said_by_addbar}&page_index=$i'>$i</a></li>");}if($page_index_by_ad
dbar<$total_page){echo("<li><a
href='$hostname/author.php?aid={$said_by_addbar}&page_index='.( $page_index_by_addbar+1).'>Next</
a></li>");}echo("</ul>");} ?></div></div><?php include 'sidebar.php'; ?></div></div></div><?php
include 'footer.php'; ?>
```

footer.php

```
<div id="footer"><div class="container"><div class="row"><div class="col-md-12"><?php
include("config.php");$sql_setting_record="SELECT * FROM
settings";$result_sql_setting_record=mysqli_query($conn,$sql_setting_record)or die("Query Die !! -->
sql_setting_record");if(mysqli_num_rows($result_sql_setting_record)>0){ while($row_setting_record=mysq
li_fetch_assoc($result_sql_setting_record)){if($row_setting_record['footerdesc']==""){echo'<span>Footer
Not Found!!</span>';}else{echo('<span>'. $row_setting_record['footerdesc'].'</span>');}}
?></div></div></div></div>
```

category.php

```
<?php include 'header.php'; ?><div id="main-content"><div class="container"><div class="row"><div
class="col-md-8"><div class="post-container"><?php
if(isset($_GET['cate_id'])){$sate_id_by_addbar=$_GET['cate_id'];}$sql_total_post_record="SELECT *
from category WHERE category_id = {$sate_id_by_addbar}"or die("Query Failed !! -->
sql_total_post_record");$result_sql_total_post_record=mysqli_query($conn,$sql_total_post_record);$post_r
ow_num=mysqli_fetch_assoc($result_sql_total_post_record); ?><h2 class="page-heading"><b><?php echo
$post_row_num['category_name']; ?></b></h2><?php
include("config.php");if(isset($_GET['page_index'])){$page_index_by_addbar=$_GET['page_index'];}else{
$page_index_by_addbar=1;}$record_limi=5;$offset=($page_index_by_addbar-
1)*$record_limi;$sql_show_post_record="SELECT * FROM post
LEFT JOIN category ON post.category = category.category_id
LEFT JOIN user ON post.author = user.user_id
WHERE post.category = '{ $sate_id_by_addbar}'
ORDER BY post.post_id DESC LIMIT { $offset }, { $record_limi }"or die("Query Failed!! -->
sql_show_post_record");$result_sql_show_post_record=mysqli_query($conn,$sql_show_post_record);if(m
ysqli_num_rows($result_sql_show_post_record)>0){ while($row=mysqli_fetch_assoc($result_sql_show_po
st_record)){ ?><div class="post-content"><div class="row"><div class="col-md-4"><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="post-img"></a></div><div class="col-md-8"><div
class="clearfix inner-content"><h3><a href="single.php?post_id=<?php echo($row['post_id']) ?>"><?php
echo $row['title']; ?></a></h3><div class="post-information"><span><i aria-hidden="true" class="fa fa-
tags"></i> <a href="category.php?cate_id=<?php echo($row['category']) ?>"><?php echo
$row['category_name']; ?></a></span><span><i aria-hidden="true" class="fa fa-user"></i> <a
href="author.php?aid=<?php echo $row['author']; ?>"><?php echo $row['username'];
?></a></span><span><i aria-hidden="true" class="fa fa-calendar"></i><?php echo $row['post_date'];
?></span></div><p class="description"><?php echo substr($row['description'],0,180).'...'; ?></p><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="pull-right read-more">read
more</a></div></div></div></div><?php
}}if(mysqli_num_rows($result_sql_total_post_record)>0){ $total_post_record=$post_row_num['post'];$total
_page=ceil($total_post_record/$record_limi);echo("<ul class='pagination admin-
pagination'>");if($page_index_by_addbar>1){echo("<li><a
href='$hostname/category.php?cate_id={ $sate_id_by_addbar }&page_index= ".$page_index_by_addbar-
1)."'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){if($page_index_by_addbar==$i){ $active_page="act
ive";}else{ $active_page="";}echo("<li class=$active_page><a
href='$hostname/category.php?cate_id={ $sate_id_by_addbar }&page_index=$i'>$i</a></li>");}if($page_in
dex_by_addbar<$total_page){echo("<li><a
href='$hostname/category.php?cate_id={ $sate_id_by_addbar }&page_index= ".$page_index_by_addbar+1).
"'>Next</a></li>");}echo("</ul>");} ?></div></div><?php include 'sidebar.php';
?></div></div></div><?php include 'footer.php'; ?>
```

config.php

```
<?php
$website_display_default_name = "Blog's";
$hostname = "http://localhost/BLOG";
$conn = mysqli_connect('localhost', 'root', '', 'blog_db') or die("Connection Failed!!!") .
mysqli_connect_error());
?>
```

header.php

```
<?php
include("config.php");$current_page=basename($_SERVER['PHP_SELF']);switch($current_page){ case
'author.php':if(isset($_GET['aid'])){ $sql_author_post="SELECT * FROM post JOIN user ON post.author =
user.user_id WHERE user.user_id =
{$_GET['aid']}"; $result_sql_author_post=mysqli_query($conn,$sql_author_post)or die("Query Die -->
sql_author_post"); $row_user=mysqli_fetch_assoc($result_sql_author_post); $page_title="News By
".$row_user['first_name'].$row_user['last_name']; }else{ $page_title="User not found!!"; }break; case
'category.php':if(isset($_GET['cate_id'])){ $sql_author_post="SELECT * FROM post JOIN category ON
post.category = category.category_id WHERE post.category =
{$_GET['cate_id']}"; $result_sql_author_post=mysqli_query($conn,$sql_author_post)or die("Query Die -->
sql_author_post"); $row_user=mysqli_fetch_assoc($result_sql_author_post); $page_title=$row_user['categor
y_name']." News"; }else{ $page_title="Category not found!!"; }break; case
'single.php':if(isset($_GET['post_id'])){ $sql_single_title="SELECT * FROM post WHERE post_id =
{$_GET['post_id']}"; $result_sql_single_title=mysqli_query($conn,$sql_single_title)or die("Query Die -->
sql_single_title"); $row_single=mysqli_fetch_assoc($result_sql_single_title); $page_title=$row_single['title'].
" News"; }else{ $page_title="Post not found!!"; }break; case
'search.php':if(isset($_GET['search'])){ $page_title=$_GET['search']; }else{ $page_title="Search result not
found!!"; }break; default:$page_title=$website_display_default_name;break; } ?><!doctypehtml><html
lang="en"><head><meta charset="UTF-8"><meta content="width=device-width,initial-
scale=1" name="viewport"><meta content="ie=edge" http-equiv="X-UA-Compatible"><link
href="http://localhost/BLOG/admin/icon/graduation-cap.png" rel="shortcut icon" type="x-con"><title><?php
echo($page_title) ?></title><link href="css/bootstrap.min.css" rel="stylesheet"><link href="css/font-
awesome.css" rel="stylesheet"><link href="css/style.css" rel="stylesheet"></head><body><div
id="header"><div class="container"><div class="row"><div class="col-md-4 col-md-offset-4"><?php
include("config.php"); $sql_setting_record="SELECT * FROM
settings"; $result_sql_setting_record=mysqli_query($conn,$sql_setting_record)or die("Query Die !! -->
sql_setting_record"); if(mysqli_num_rows($result_sql_setting_record)>0){ while($row_setting_record=mysqli_
fetch_assoc($result_sql_setting_record)){ if($row_setting_record['logo']=="" ){ echo '<a
href="index.php"><h1>'.$row_setting_record['websitename'].'</h1></a>'; } else { echo '<a href="index.php"
id="logo"></a>'; } } }
?></div></div></div></div><div id="menu-bar"><div class="container"><div class="row"><div
class="col-md-12"><?php
include("config.php"); if(isset($_GET['cate_id'])){ $cate_id_by_addbar=$_GET['cate_id']; } $sql_show_categ
ory_list="SELECT * FROM category WHERE post > 0 ORDER BY
category_id"; $result_sql_show_category_list=mysqli_query($conn,$sql_show_category_list)or die("Query
Die -->
sql_show_category_list"); if(mysqli_num_rows($result_sql_show_category_list)>0){ $active=""; echo("<ul
class='menu'>"); echo("<li><a
href='{ $hostname }>Home</a></li>"); while($row=mysqli_fetch_assoc($result_sql_show_category_list)){ if
(isset($_GET['cate_id'])){ $cate_id_by_addbar=$_GET['cate_id']; if($row['category_id']==$cate_id_by_addb
ar){ $active="active"; } else { $active=""; } } echo("<li><a class = '{ $active }'
href='category.php?cate_id={ $row['category_id'] }>{ $row['category_name'] }</a></li>"); } echo("<li
class='bg-primary'><a href='http://localhost/BLOG/admin/index.php'>ADMIN
CENTER</a></li>"); echo("</ul>"); } ?></div></div></div></div>
```

index.php

```
<?php include 'header.php'; ?><div id="main-content"><div class="container"><div class="row"><div
class="col-md-8"><div class="post-container"><?php
include("config.php");if(isset($_GET['page_index'])){ $page_index_by_addbar=$_GET['page_index'];}else{
$page_index_by_addbar=1;}$record_limi=5;$offset=($page_index_by_addbar-
1)*$record_limi;$sql_show_post_record="SELECT * FROM post
LEFT JOIN category ON post.category = category.category_id
LEFT JOIN user ON post.author = user.user_id
ORDER BY post.post_id DESC LIMIT {$offset},{ $record_limi}"or die("Query Failed!! -->
sql_show_post_record");$result_sql_show_post_record=mysqli_query($conn,$sql_show_post_record);if(m
ysqli_num_rows($result_sql_show_post_record)>0){ while($row=mysqli_fetch_assoc($result_sql_show_po
st_record)){ ?><div class="post-content"><div class="row"><div class="col-md-4"><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="post-img"></a></div><div class="col-md-8"><div
class="clearfix inner-content"><h3><a href="single.php?post_id=<?php echo($row['post_id']) ?>"><?php
echo $row['title']; ?></a></h3><div class="post-information"><span><i aria-hidden="true" class="fa fa-
tags"></i> <a href="category.php?cate_id=<?php echo $row['category']; ?>"><?php echo
$row['category_name']; ?></a></span><span><i aria-hidden="true" class="fa fa-user"></i> <a
href="author.php?aid=<?php echo $row['author']; ?>"><?php echo $row['username'];
?></a></span><span><i aria-hidden="true" class="fa fa-calendar"></i><?php echo $row['post_date'];
?></span></div><p class="description"><?php echo substr($row['description'],0,180).'...'; ?></p><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="pull-right read-more">read
more</a></div></div></div></div><?php }}$sql_total_post_record="SELECT * from post"or die("Query
Failed !! -->
sql_total_post_record");$result_sql_total_post_record=mysqli_query($conn,$sql_total_post_record);if(mysq
li_num_rows($result_sql_total_post_record)>0){ $total_post_record=mysqli_num_rows($result_sql_total_p
ost_record);$total_page=ceil($total_post_record/$record_limi);echo("<ul class='pagination admin-
pagination'>");if($page_index_by_addbar>1){ echo("<li><a
href='$hostname/?page_index=".$($page_index_by_addbar-
1)."'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){ if($page_index_by_addbar==$i){ $active_page="act
ive";}else{ $active_page="";}echo("<li class=$active_page><a
href='$hostname/?page_index=$i'>$i</a></li>");}if($page_index_by_addbar<$total_page){ echo("<li><a
href='$hostname/?page_index=".$($page_index_by_addbar+1)."'>Next</a></li>");}echo("</ul>");}
?></div></div><?php include 'sidebar.php'; ?></div></div></div><?php include 'footer.php'; ?>
```

search.php

```
<?php include 'header.php'; ?><div id="main-content"><div class="container"><div class="row"><div
class="col-md-8"><div class="post-container"><?php
if(isset($_GET['search'])){ $search_term=mysqli_real_escape_string($conn,$_GET['search']); } ?><h2
class="page-heading"><b><?php echo "Search : { $search_term }" ?></b></h2><?php
include("config.php");if(isset($_GET['page_index'])){ $page_index_by_addbar=$_GET['page_index'];}else{
$page_index_by_addbar=1;} $record_limi=5;$offset=($page_index_by_addbar-
1)*$record_limi;$sql_show_post_record="SELECT * FROM post
LEFT JOIN category ON post.category = category.category_id
LEFT JOIN user ON post.author = user.user_id
WHERE post.title LIKE '% { $search_term }%' OR user.username LIKE '% { $search_term }%'
ORDER BY post.post_id DESC LIMIT { $offset }, { $record_limi }"or die("Query Failed!! -->
sql_show_post_record");$result_sql_show_post_record=mysqli_query($conn,$sql_show_post_record)or
die("No Record
Found!!");if(mysqli_num_rows($result_sql_show_post_record)>0){ while($row=mysqli_fetch_assoc($result
_sql_show_post_record)){ ?><div class="post-content"><div class="row"><div class="col-md-4"><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="post-img"></a></div><div class="col-md-8"><div
class="clearfix inner-content"><h3><a href="single.php?post_id=<?php echo($row['post_id']) ?>"><?php
echo $row['title']; ?></a></h3><div class="post-information"><span><i aria-hidden="true" class="fa fa-
tags"></i> <a href="category.php?cate_id=<?php echo($row['category']) ?>"><?php echo
$row['category_name']; ?></a></span><span><i aria-hidden="true" class="fa fa-user"></i> <a
href="author.php?aid=<?php echo $row['author']; ?>"><?php echo $row['username'];
?></a></span><span><i aria-hidden="true" class="fa fa-calendar"></i><?php echo $row['post_date'];
?></span></div><p class="description"><?php echo substr($row['description'],0,180).'....'; ?></p><a
href="single.php?post_id=<?php echo($row['post_id']) ?>"class="pull-right read-more">read
more</a></div></div></div></div><?php } }else{ echo("<div class='alert alert-danger'>No
Result!!</div>");}$sql_total_post_record="SELECT * from post WHERE post.title LIKE
'% { $search_term }%'";$result_sql_total_post_record=mysqli_query($conn,$sql_total_post_record)or
die("Query Failed !! -->
sql_total_post_record");if(mysqli_num_rows($result_sql_total_post_record)>0){ $total_post_record=mysqli
_num_rows($result_sql_total_post_record);$total_page=ceil($total_post_record/$record_limi);echo("<ul
class='pagination admin-pagination'>");if($page_index_by_addbar>1){ echo("<li><a
href='<?php echo $hostname ?>/search.php?search={ $search_term }&page_index=".($page_index_by_addbar-
1)."'>Prev</a></li>");}for($i=1;$i<=$total_page;$i++){ if($page_index_by_addbar==$i){ $active_page="act
ive";}else{ $active_page="";}echo("<li class=$active_page><a
href='<?php echo $hostname ?>/search.php?search={ $search_term }&page_index=$i'>$i</a></li>");}if($page_index_by_a
ddbar<$total_page){ echo("<li><a
href='<?php echo $hostname ?>/search.php?search={ $search_term }&page_index=".($page_index_by_addbar+1)."'>Next</
a></li>");}echo("</ul>");} ?></div></div><?php include 'sidebar.php'; ?></div></div></div><?php
include 'footer.php'; ?>
```

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