

# Blog Website

Rollno:1936

## Introduction:

A blog as you know it is an application where some users can create, edit, update and publish articles to make them available in the public to read. Users and the public can browse through a catalog of these articles and click to anyone to read more about the article and comment on it.

## Features:

- A user registration system that manages two types of users: Admin and Normal Users
- The blog will have an admin area and a public area separate from each other
- The admin area will be accessible only to logged in admin users and the public area to the normal users and the general public
- In the admin section, two types of admins exist:
  - **Admin:**
    - Can create, view, update, publish/unpublish and delete **ANY** post.
    - Can also create, view, update and delete topics.
    - An Admin user can create another admin user or Author
    - Can view, update and delete other admin users
  - **Author:**
    - Can create, view, update and delete any posts.
    - Can also create, view, update and delete topics.
    - They **cannot publish** a post. It is done by the Admin user.
- Only published posts are displayed in the public area for viewing
- Each post is created under a particular topic
- A many-to-many relationship exists between posts and topics.
- The public page lists posts; each post displayed with a featured image, author, and date of creation.
- The user can browse through all posts listings under a particular topic by clicking on the topic
- When a user clicks on a post, they can view the full post and comment at the bottom of the posts with help of a Disqus account.

## **Requirements:**

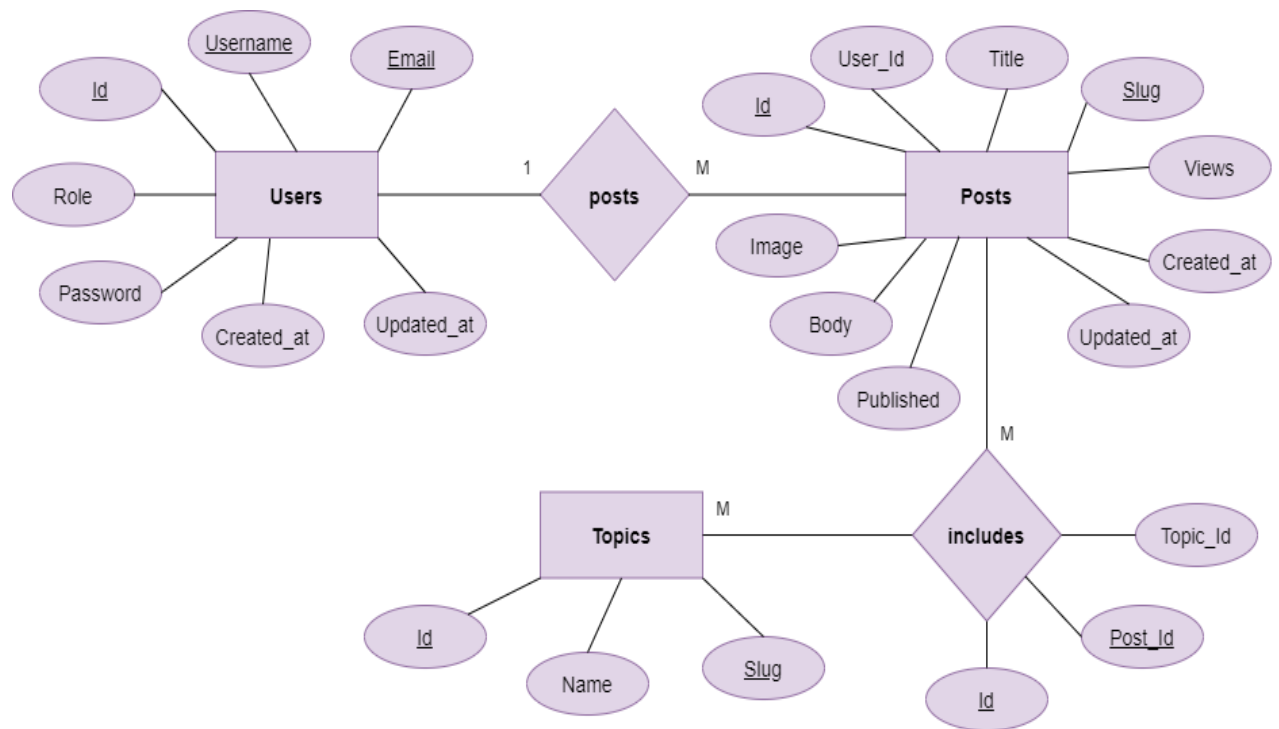
**PHP** is popular general purpose scripting language that is especially suited to web development. Fast, flexible and pragmatic, PHP powers everything from your blog to the most popular websites in the world.

**MySQL** is an open source relational database management system. It is based on the structure query language (SQL), which is used for adding, removing, and modifying information in the database. Standard SQL commands, such as ADD, DROP, INSERT, and UPDATE can be used with MySQL. MySQL can be used for a variety of applications, but is most commonly found on Web servers. Many database-driven websites that use MySQL also use a Web scripting language like PHP to access information from the database.

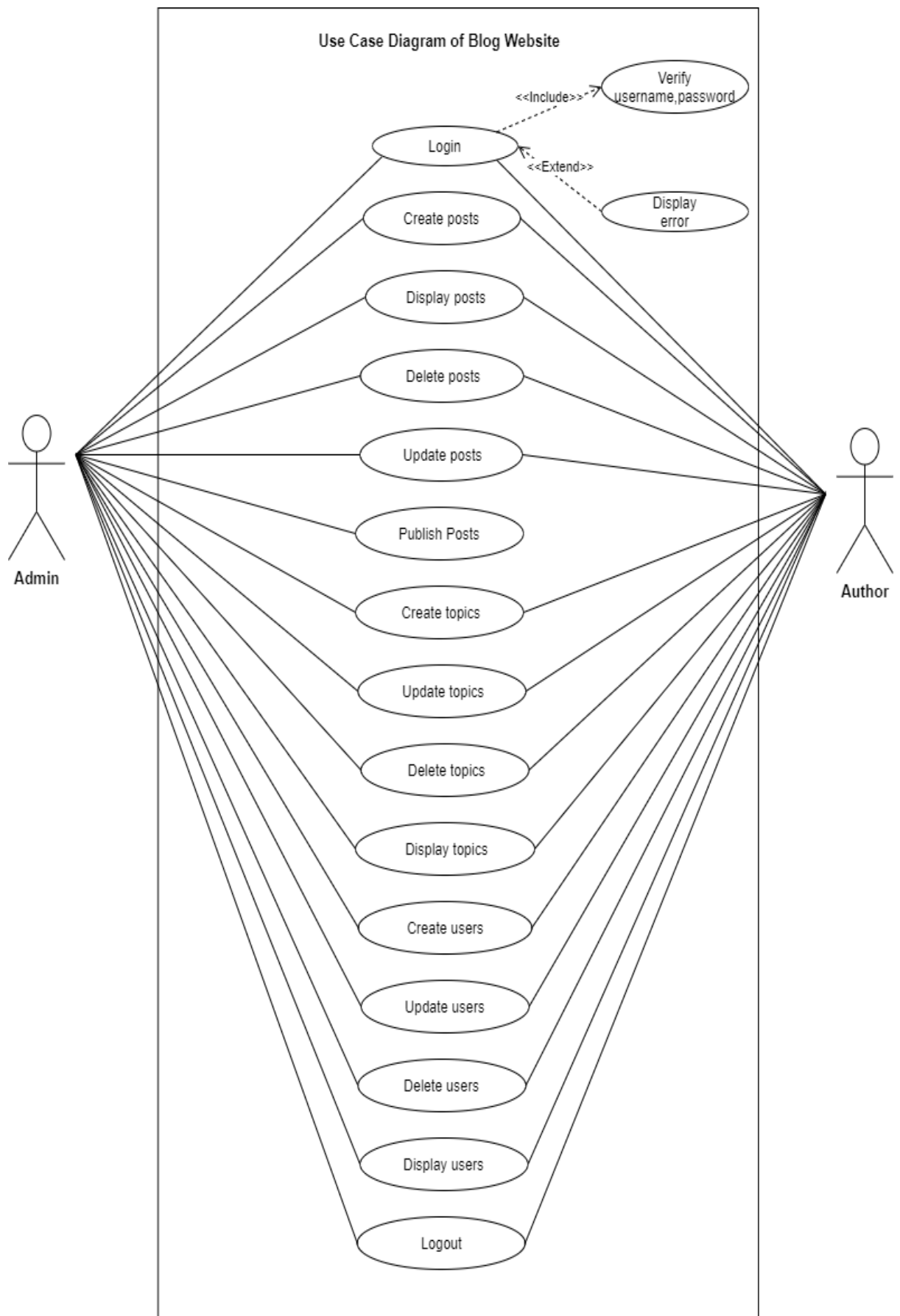
**XAMPP** ( or ) is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes.

The website uses PHP, HTML, CSS in the frontend and MySQL at the backend and bootstrap is used for html and css.

## ERD Diagram



## Use Case Diagram:



# Implementation


## Main page

DxnBlog

HomeLoginRegister


Today's Inspiration

One day your life  
will flash before your eyes.  
Make sure it's worth watching.



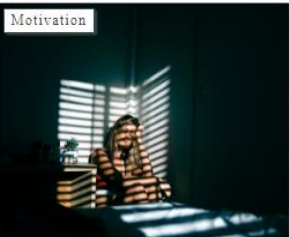
Recent Articles

Inspiration




5 Habits that can improve your life  
December 18, 2020Read more...

Motivation




10 daily habits that drain our energy  
December 18, 2020Read more...

Technology



What is the Difference Between Front  
End, Back End, and Full Stack  
Developer

Technology



Second post on LifeBlog  
December 18, 2020Read more...

## Article Page

DxnBlog

HomeLoginRegister

Life is beautiful

Second post on LifeBlog

Topics

Inspiration

Motivation

Technology

What do you think?

o Responses

Upvote

Funny

Love

Surprised

Angry

Sad

o Comments

DxnBlog

Disqus' Privacy Policy

Recommend

Tweet

Share

Start the discussion...

Be the first to comment.

Subscribe

Add Disqus to your site

Do Not Sell My Data

Dx Turbo

Sort by Best


DISQUS

Articles sorted based on topics

**DxnBlog**[Home](#)[Login](#)[Register](#)

Articles on Inspiration

---



5 Habits that can improve your life  
*December 18, 2020* [Read more...](#)

Login page

**DxnBlog**[Home](#)[Login](#)[Register](#)

### Login

Login

Not yet a member? [Sign up](#)

Register User Page

**DxnBlog**[Home](#)[Login](#)[Register](#)

### Register on DxnBlog

Register

Already a member? [Sign in](#)

# Admin and Author Dashboard

DxnBlog-Admin

Darshan [logout](#)

Welcome

Newly registered users

Published posts

Add Users

Add Posts

Home Page

DxnBlog-Admin

Darshan [logout](#)

Actions

Create Posts

Manage Posts

Manage Users

Manage Topics

Create/Edit Admin User

Username

Email

Password

Password confirmation

Assign role

Save User

N	Admin	Role	Action
1	Darshan, dx23@gmail.com	Admin	<div><div></div><div></div></div>
2	Suresh, dx12@gmail.com	Author	<div><div></div><div></div></div>
3	raju, dx13@gmail.com	Author	<div><div></div><div></div></div>

## Reports

### On Admin side:

Using this website the admin can basically create his own article. He can also edit the articles if he want. He can also delete the article and have the rights to publish the article. If he do not publish then the article is not visible to the users. It is also same for topics where he can add, update and delete the topics. The admin can also create user accounts and give access rights to those accounts.

**On Author side:**

Using this website the autho can basically create his own ,edit,delete the articles if he want.But he do not have the rights to publish the article since only an admin user can publish the article.It is also same for topics where he can add,update and delete the topics. The author can also create user accounts and give access rights to those accounts.

DxnBlog-Admin

Darshanlogout

Actions

Create Posts

Manage Posts

Manage Users

Manage Topics

Create/Edit Post

Title

Featured image

Choose fileNo file chosen

XUndoRedoBoldItalicText ColorBackground ColorLinkUnlinkListOrdered ListTableHorizontal RuleSource

B I S T Bulleted List Numbered List Link Unlink Styles - Format - ?

Choose topic

PublishSave Post



## Actions

[Create Posts](#)  
[Manage Posts](#)  
[Manage Users](#)  
[Manage Topics](#)

N	Author	Title	Publish	Edit	Delete
1	Darshan	5 Habits that can improve your life			
2	Darshan	10 daily habits that drain our energy			
3	Darshan	What is the Difference Between Front End, Back End, and Full Stack Developer			
4	Darshan	Second post on LifeBlog			

## Actions

[Create Posts](#)  
[Manage Posts](#)  
[Manage Users](#)  
[Manage Topics](#)

## Create/Edit Admin User

Save User

N	Admin	Role	Action
1	Darshan, dx23@gmail.com	Admin	
2	Suresh, dx12@gmail.com	Author	
3	raju, dx13@gmail.com	Author	

## Actions

[Create Posts](#)  
[Manage Posts](#)  
[Manage Users](#)  
[Manage Topics](#)

## Create/Edit Topics

Save Topic

N	Topic Name	Action
1	Inspiration	
2	Motivation	
3	Technology	