D.Y. PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING,
SALOKHENAGAR, KOLHAPUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

(2021-22)

A Mini Project

Report

on

"BLOG USING FLASK-PYTHON"

Submitted by:

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D.Y. PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING,
SALOKHENAGAR, KOLHAPUR

CERTIFICATE

This is to certify that the following members have satisfactorily completed the Mini Project work entitled **"**BLOG USING FLASK-PYTHON**"** at SY (DS) semester-IV as prescribed in the syllabus of "Shivaji University, Kolhapur" during the academic year 2021-2022.

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We are deeply indebted to our Head of Department **Prof.G. I. Rathod**, Principal **Dr.S.D.Mane** and the college for providing us with a platform to excel in life.

We feel gratified to record our cordial thanks to other staff members of the C.S.E(Data Science) Department for their support, help and assistance which they extend as and when required.

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DECLARATION BY STUDENT

I hereby declare that the Project work entitled **Blog Website using Flask Python** completed and written by me has not previously formed the basis for the award of any Degree or Diploma or other similar title of this or any other University or examining body.

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Abstract

A blog or weblog is an online platform publishing so-called blog content. A blog may be the work of a single person or jointly operated by a group of people, and bloggers tend to use content managament systems or blog software such as WordPress, Blogger, or Joomla. The blog environment is known as the blogosphere.

There are different forms of blogs – the spectrum ranges from online diaries to blogs on particular subjects and corporate blogs. Most blogs have a thematic focus, such as travel, fashion or recipes, and many professional discussions blogs have become established as a recognized online media resource. As well as private users, many companies have discovered blogging and employ corporate blogs as a tool to communicate with their readers.

There are no creative limits when writing blogs. However, there are certain points to be considered when writing good quality blog texts.

1.Introduction

A **blog** is a type of **website** that is updated regularly with new content. Most blogs contain short, informal articles called **blog posts**. These posts usually contain some combination of **text**, **photos**, **videos**, and other media. At its core, a blog is just a space on the Web that you can create to record and express your **opinions**, **experiences**, and **interests**.

If you spend much time browsing the Web, you've probably read a blog post before, even if you didn't realize it at the time. Some of the most-read blogs are a bit like online magazines because they're written by a team of people who are paid to update the blog with new posts several times a day.

State of Art

- **Overview**

Chances are you've heard about **blogging**. You may have heard a story about a blogger uncovering information about a politician or controversial subject. Maybe you've even read a book or seen a movie based on a blog. What exactly is a blog, anyway?

In this lesson, you'll learn about **blogs** and **bloggers**. You'll also get a look at a few common types of blogs and explore the reasons why people blog.

2 Problem Statement

As you saw in the infographic on the last page, most bloggers consider blogging a **hobby**. It can be a fairly time-consuming hobby, as many bloggers spend several hours each week writing blog posts, replying to comments, and more. So why do they do it?

There are many reasons why people blog, but here are some of the most common reasons:

- To share your experiences and expertise
- To speak up about an issue you care about
- To become more involved with hobbies and passions
- To be part of a community
- To advance your career or start a career in writing
- To keep family and friends updated about your life

No matter what their **main reason** for blogging is, most bloggers have at least one thing in common:
They're **passionate** enough about a topic to **write** about it over and over again, usually for free. If there's a subject you care deeply about, you might enjoy blogging about it. When you have your own blog, you have **unlimited space and freedom** to **express your opinions** and discuss the things you care about with others.

The Benefits of Blogging for Business

- It helps drive traffic to your website. ...
- You can repurpose blog content for social media. ...
- It helps convert traffic into leads. ...
- It drives long-term results. ...
- Blogging helps with link building. ...
- It drives long-term results. ...
- It helps you share company news.

3 Literature Review

Blogs are alternatively called web logs or weblogs which is a Web site that consists of a series of entries arranged in reverse chronological order, often updated on frequently with new information about particular topics. The blogs are designed to be very easy to add new entries to, so the information on blogs is updated much more frequently than a traditional site. Blogging is changing the way we think about news and opinion, and it is moving eyeballs away from established news sites and toward upstarts. Most popular blogs were created by writers who wanted to share what they knew.

- **Basic System Architecture**

  Blogging Platform can also be referred to as 'blogging software' is the program used to create blogs. There are numerous companies who offer blogging software. Some of the most popular blogging software providers are Wordpress, Blogger, TypePad, Moveable Type, LiveJournal, MySpace and Xanga. Different blogging software programs provide different features to users although all provide the basic elements needed by casual bloggers. Some blogging software programs are open source and available to users for free while others are offered for a fee. Additionally, some blogging software programs can be hosted for free through the software provider while others require you to host the software through a third party blog host, which will require payment of separate fees to that blog host. The term 'blogging software' and can be used interchangeably with the term 'blog host' as many blogging software companies also provide blog hosting services.

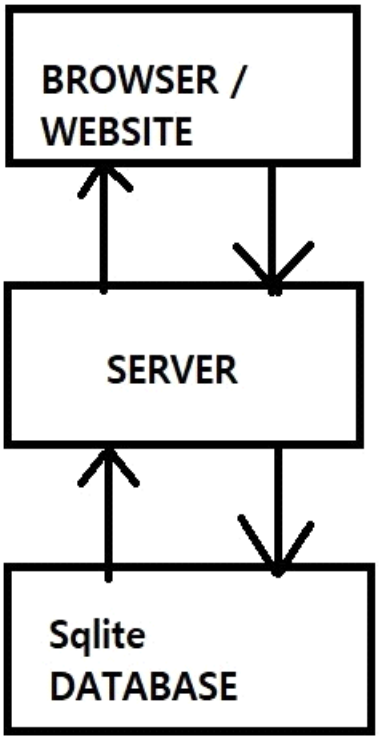
4 Outline of the system

4.1.1 Components of the System

The system is classified mainly into three sections or components, which are as follows –

- **Login page:** login in website using email.
- **Register page:** user can register by giving name, email, and creating password.You may use this feature to add, remove, or edit item details. You may enter information or data such as item number, item name, production date, price, quantity, tax percent, and more in the add items section.
- **Create new post:** user can create new post in website..

4.1.2 Proposed System Block Diagram



5. Development

5.1 Methodology

- We collected the Information About the given micro-project topic.
- We distributed the given work related to the micro-project to all the team members.
- We discussed about flow of the program in considering the algorithm as were as the flowchart.
- We executed program in a Visual Studio Code software properly.
- We have successfully run the program using the PYTHON.
- We had printout the print of the micro-project.
- We submitted the project to concerned teacher by taking signature on the report of the Micro-project.

5.2 System Requirements

5.2.1 Software Requirement details

Operating System	:	Windows 7
Front-end	:	HTMLBootstrap,jinja
Back-end	:	flask python
Languages Used	:	python

5.2.2 Hardware requirement details

Processor	:	Intel Core i7 Processor
RAM	:	8GB(Minimum)
HDD	:	40GB(Minimum)

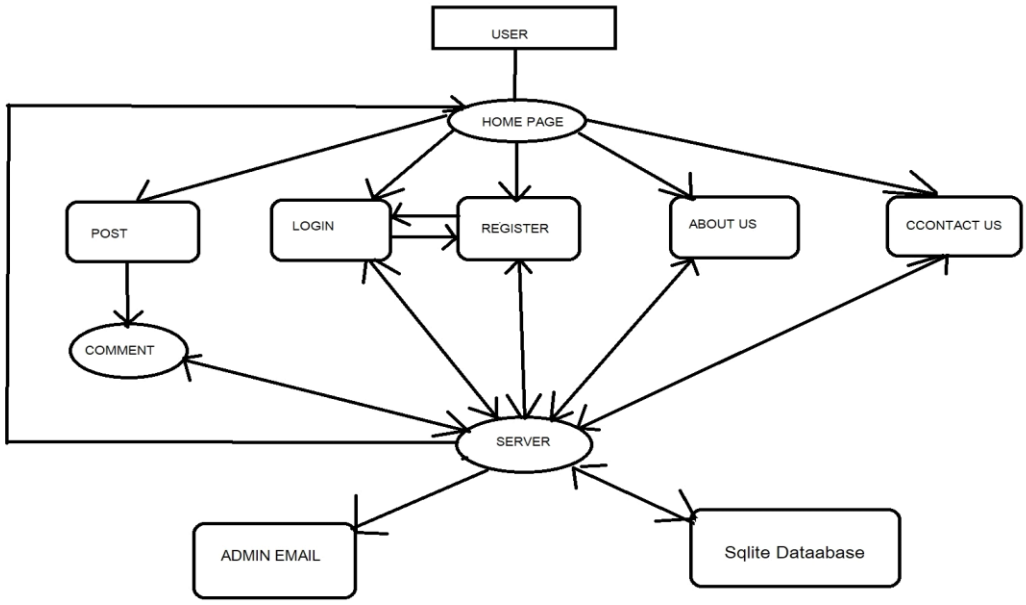
5.3 Data Flow Diagram

Also known as DFD, Data flow diagrams are used to graphically represent the flow of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage and reports generation

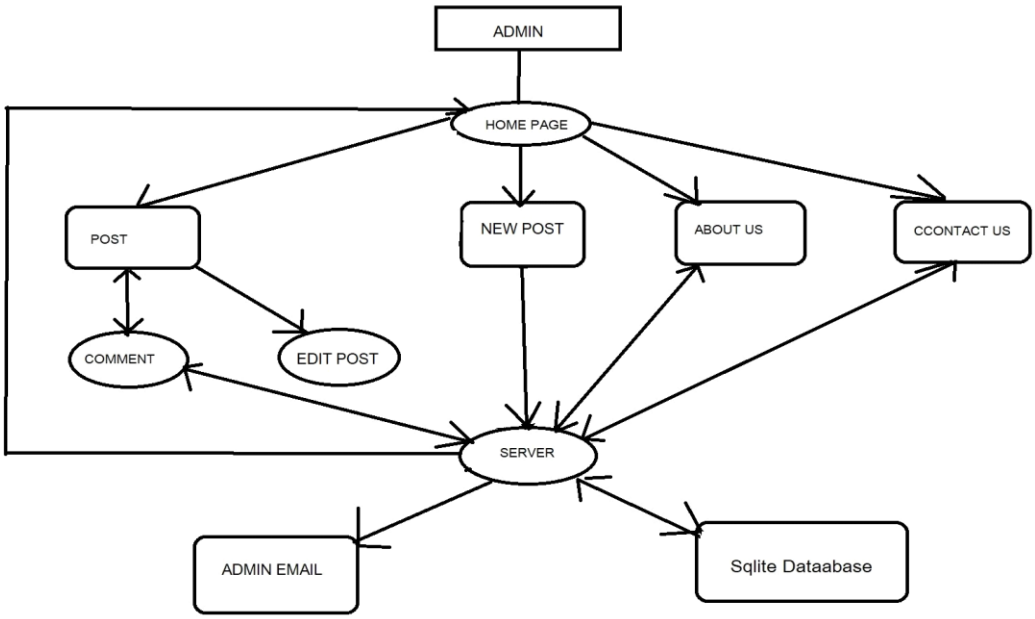
.Data flow diagrams can be divided into logical and physical. The logical data flow diagram describes,

flow of data through a system to perform certain functionality of a business. The physical data flow diagram describes the implementation of the logical data flow

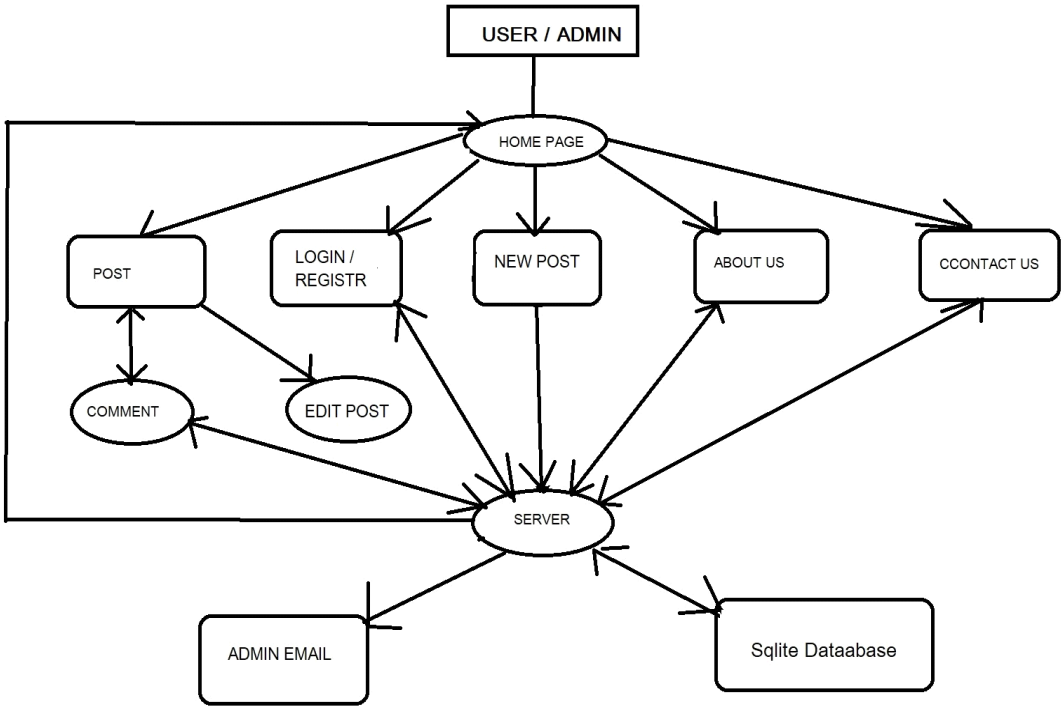
- **Data Flow Diagram**
- **USER DATAFLOW DIAGRAM**



- **Data Flow Diagram**
- **ADMIN DATA FLOW DIAGRAM**



5.5 Project flow Diagram

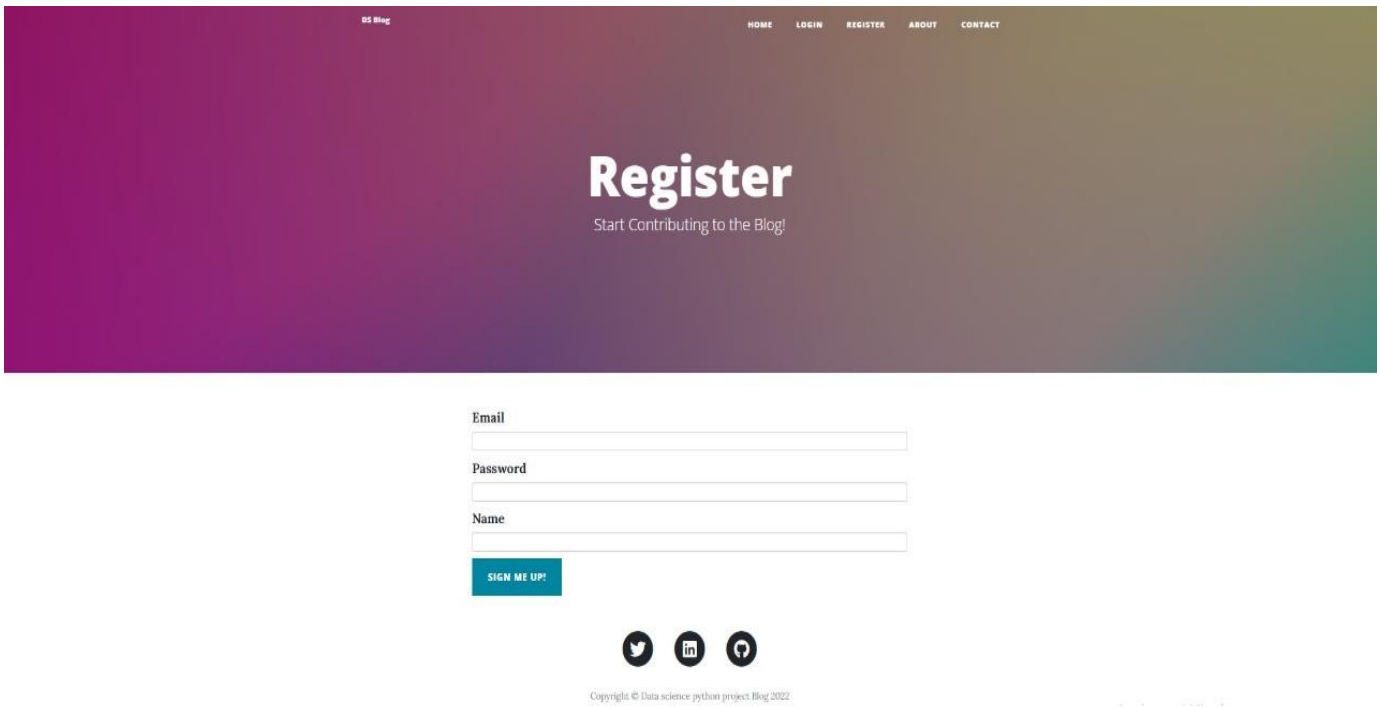


6. SNAPSHOT

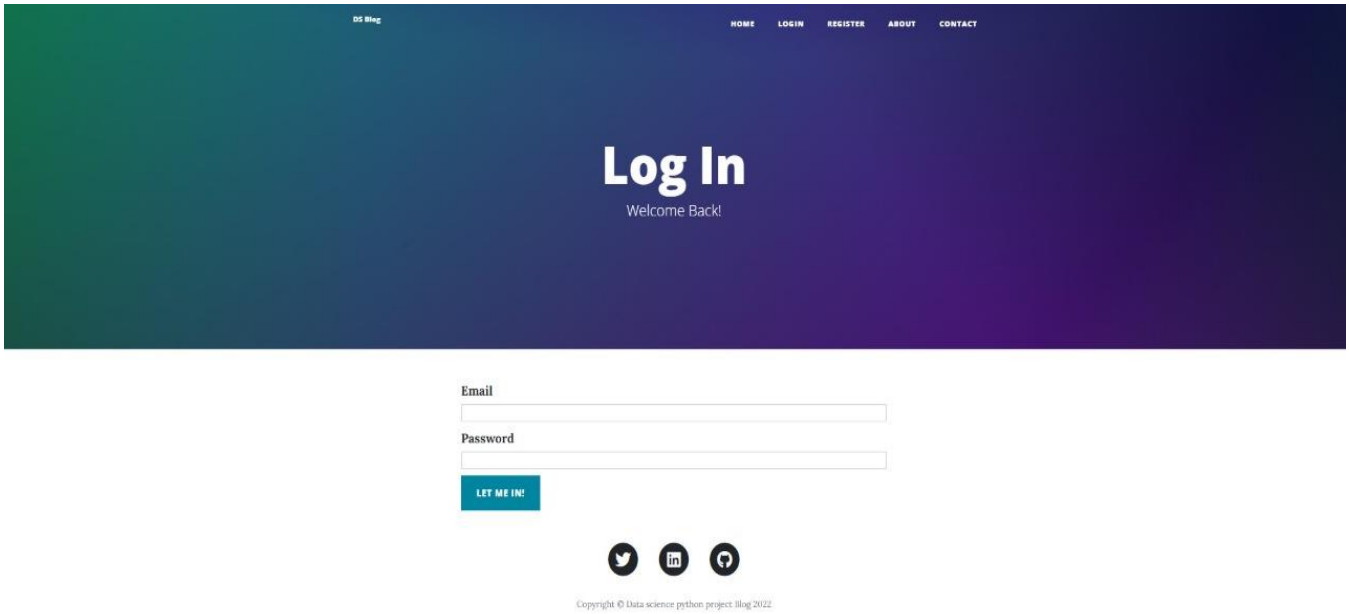
6.1 User of Blog

6.1.1 Home page-

6.1.2 Register page-

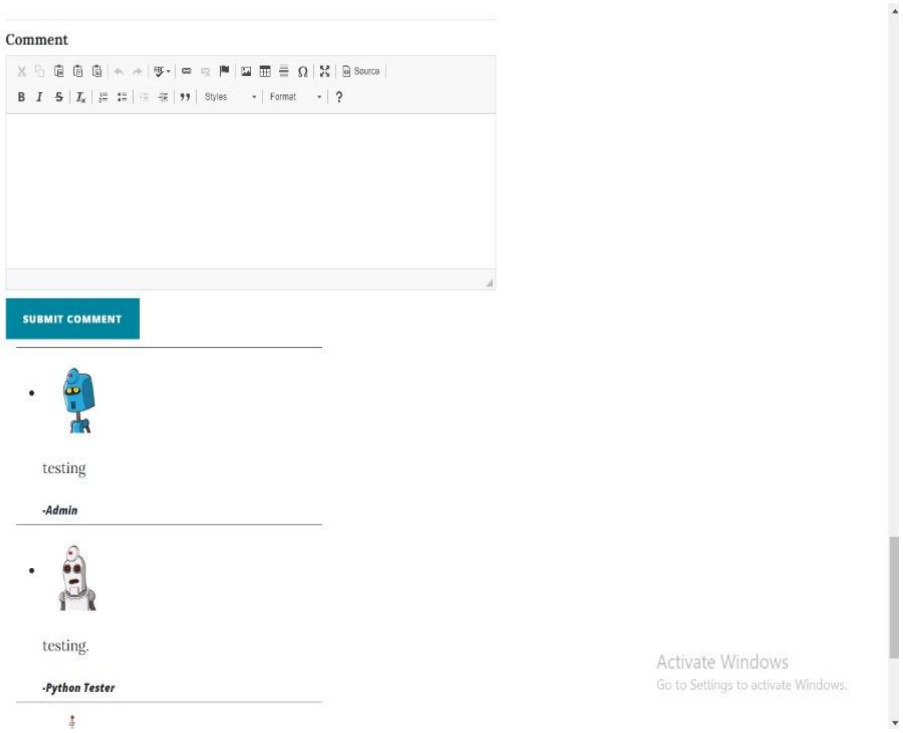


6.1.3 Login page-



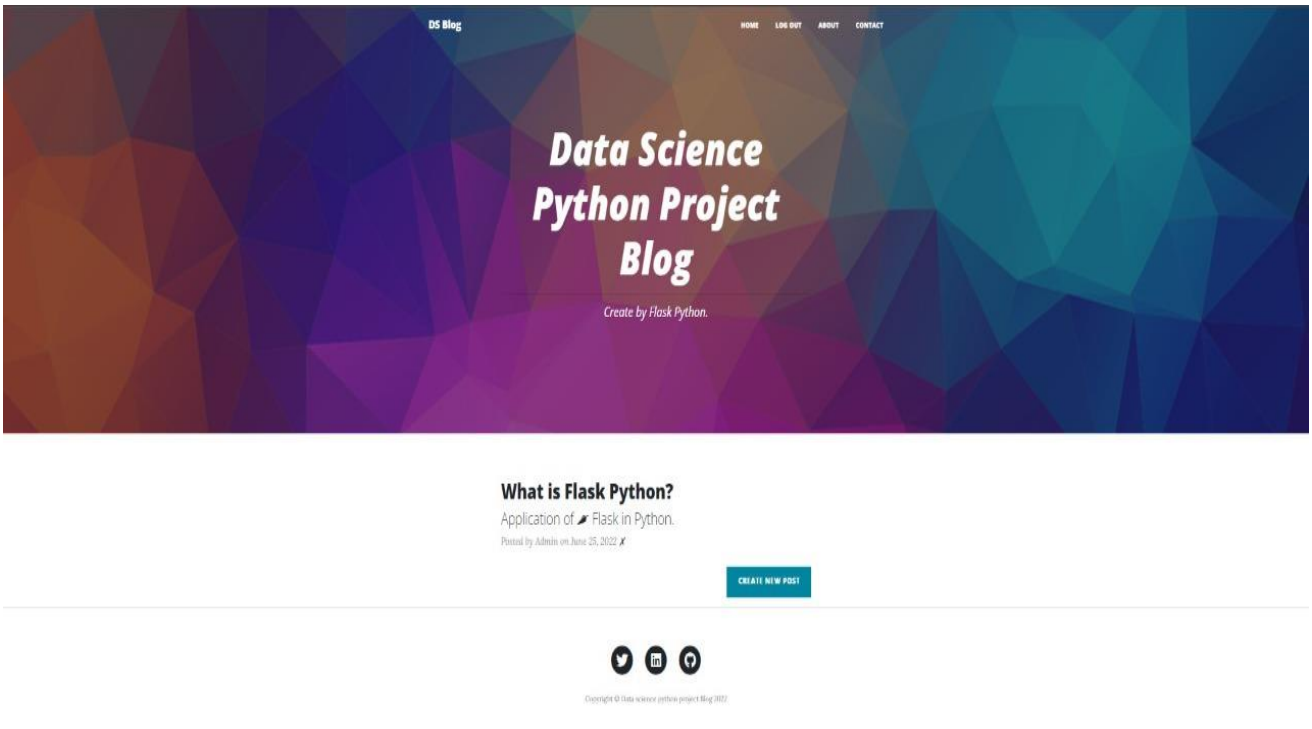
6.1.4 Post page-

6.1.5 Comment box (post page)-

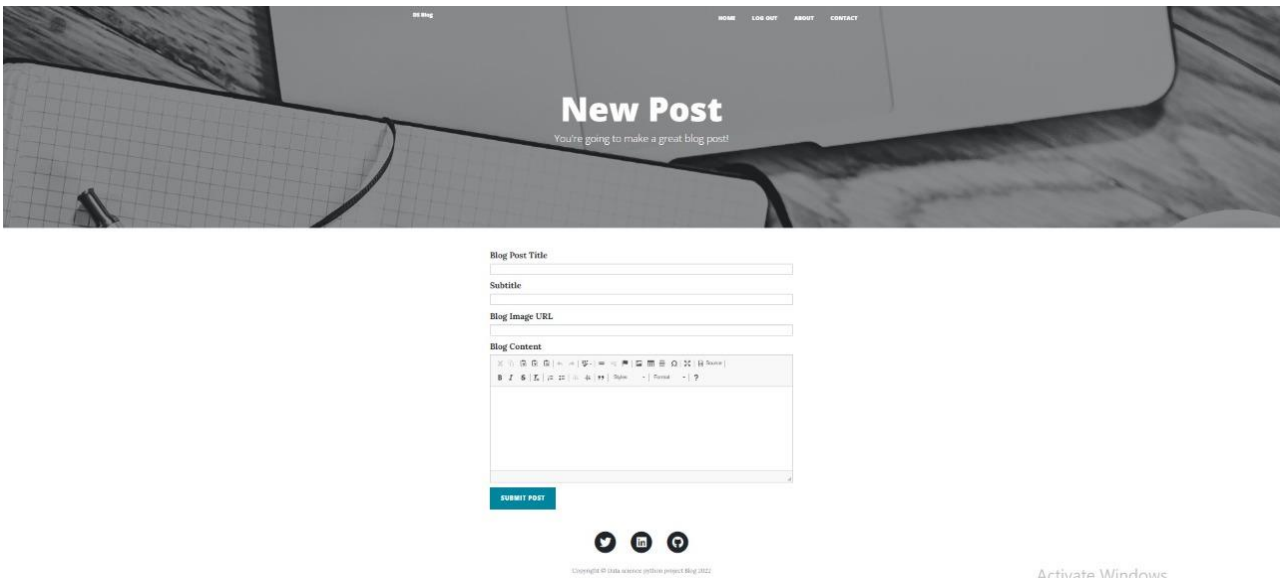


6.2 Admin of blog

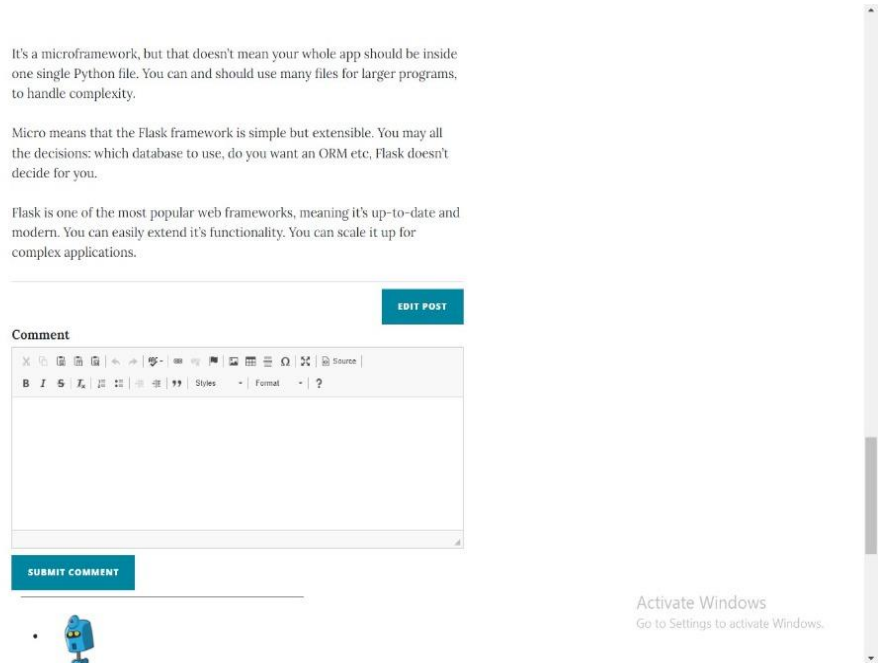
6.2.1 Admin-login (Homepage)



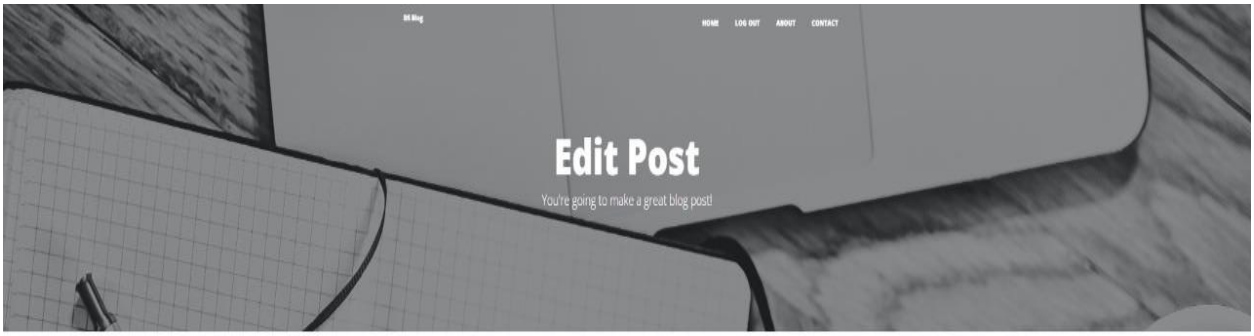
6.2.2 Admin-login (new post)

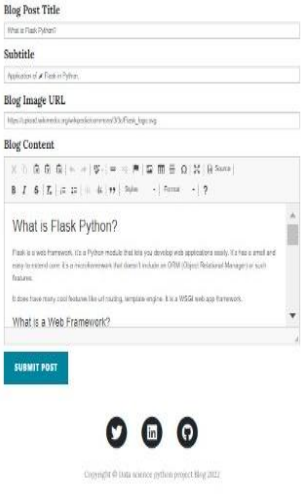


6.2.3 Edit blog post (admin login)



6.2.4 Editing blog post (admin login)





Activate Windows

7. Conclusion and Future Works

7.1 Future Works

Client also advice for the payment mode so any organization pay advertisement payment in online way. The Social Networking Site have wide range to change as per time requirement. That the reason behind that not a particular project is ever considered as complete, because what the demand of user and thinking always change day by day. Always do more than what have.

Some of the enhance which we have thought of are: User can create his own business Pages for advertisement. Payment of the advertisement in online mode.

7.2 Conclusion

A conclusion should summarize the key points. It should have the central theme of the blog that you want the readers to remember. So if your blog shows the benefits of mobile app development for a business, an ideal conclusion would be:

"*These were some of the points discussed in the post. These show how higher scalability, lower cost of acquisition, and better outreach of an app can maximize ROI for your business.*
Get in touch with professional app development agencies to avail of these advantages. They will have the expertise to build an app for your brand enables unmatched growth."

8. Bibliography

8.1 Document Reference

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FLASK DOCUMENTATON:-

https://flask.palletsprojects.com/

GINGA DOCUMENTATION:-

https://jinja.palletsprojects.com/