

MINI PROJECT REPORT

On

TITLE

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RESEARCH,
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41
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CERTIFICATE

This is to certify that the project work entitled “ **SOCIAL COMPANY BLOG** ” submitted to CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, in partial fulfillment of the requirements for the award of the completion of VI semester of B.E in Information Technology, during the academic year 2019-2020, is a record of original work done by **Nithin Reddy S (1601177371103)**, **Koushik Reddy G (1601187371101)** during the period of study in Department of IT, CBIT, HYDERABAD, under our guidance.

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ABSTRACT

As we know , with new topics arising every second a platform is required where users can share their opinions and post in a public forum where all the members involved in the discussion can read the blog and get updated on a particular topic. The goal of our project is to create a web-app which can-

- allow users to create accounts
- allow users to login to their account
- provide a platform where users can easily share their opinion on a particular topic
- allow users to update or delete a blog post easily.
- allow users to have a display picture through which other people in the forum can see you through.

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1. INTRODUCTION

A social company blog (shortening of “weblog”) is an online journal or informational website displaying information in the reverse chronological order, with the latest posts appearing first. It is a platform where a group of writers share their views on an individual subject.

In recent years, technology has greatly improved and has become a very big factor in our modern society. It has become a platform for highly sophisticated, distributed, enterprise-level applications. We are just a click away from the rest of the world and this is all possible because of the presence of the internet applications that we have on our computer systems. Internet or Web-based applications help by organizing and making these activities on the internet possible

However, internet and web applications are now being used in every step of modern technology where the modern society largely depends on computer technologies. By using the technology, In the present work, a social company blog has been developed and implemented. The first screen on execution of the program is presented in Fig 1.1. Here, the users get to see all the posts by all users.

1. Motivation

Now a day’s people are dependent on technology. They like to catch up on everything using their mobiles. Most researchers have a problem of not having enough resources to fund their research due to lack of investors. With a social company blog, we can easily blog post our research on a global platform which interested investors can see and invest in the research. Thus the researcher can easily save a lot of time and maybe his research too. It is very convenient. Researchers and scientists with the right tools and funding can change the world. This is the motivation behind this project.

ANYBlog

Welcome to ANYBlog Page

NITHIN

Written By: SUGAMYA

Published on: 2020-04-10

HE IS GOOD ...

Fig. 1.1: Home Page of Social company blog

1.2 Objective of the Project

- To develop a Web-App that allows users to blog
- To allow users to express their concerns on a global level.
- To allow users to read blog posts made by everyone in the community.
- To allow users to update or delete their blogpost.
- Facility to generate accounts, which allows users to simultaneously use the app.

2. EXISTING SYSTEM

2.1 TWITTER

Twitter is an American microblogging and social networking service on which users post and interact with messages known as "tweets". Registered users can post, like, and retweet tweets, but unregistered users can only read them

Table 2.1: Information about TWITTER

Start up Name	TWITTER
Headquarter	San Francisco, California, U.S.A
Founder	Jack Dorsey
Sector	Internet Microblogging
Founded	2006
Estimated total revenue	\$3 billion

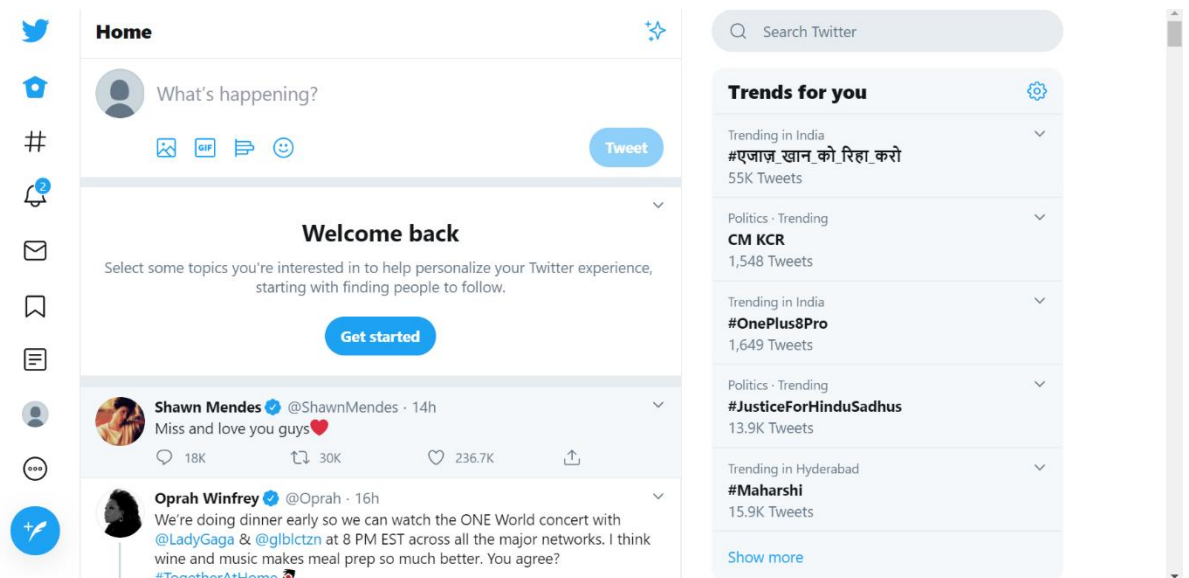


Fig 2.1: Twitter Website

3. PROPOSED SYSTEM

3.1 Problem statement

To provide a platform where users can easily express their opinions on a particular topic and help users in the following ways-

- Develop and Strengthen Relationships With Existing And New Customers. ...
- Connect People To a brand or topic.

3.2 Methodology

The following methodology applied for the developing the program for a social company blog-

- Programming language PYTHON is used.
- Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. This is the framework which was used to create the web-app.
- Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development.
- SQLite is a relational database management system contained in a C library. In contrast to many other database management systems, SQLite is not a client–server database engine. Rather, it is embedded into the end program.

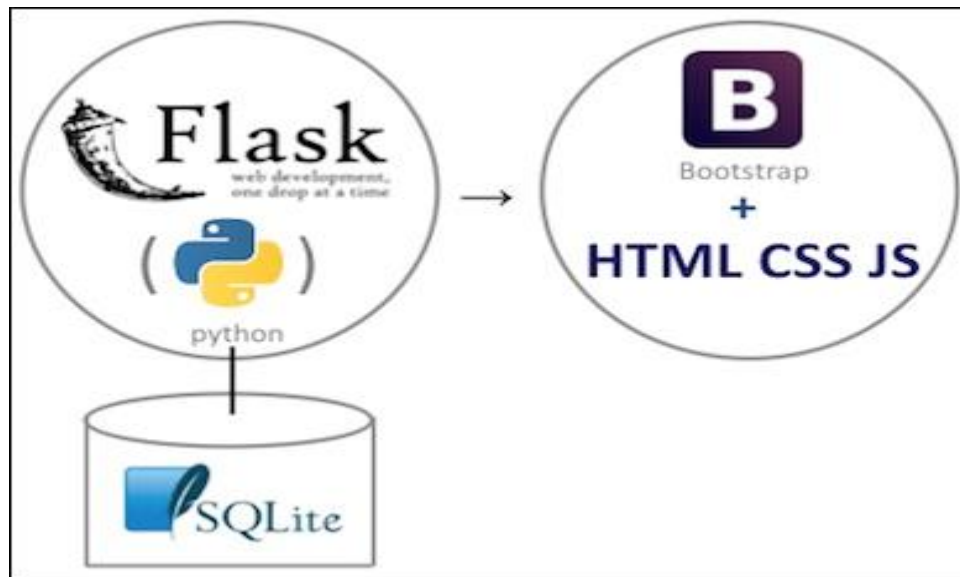


Fig 3.1: Methodology

3.3 Analysis-plots:



Fig 3.2: Benefits of a Microblogging system

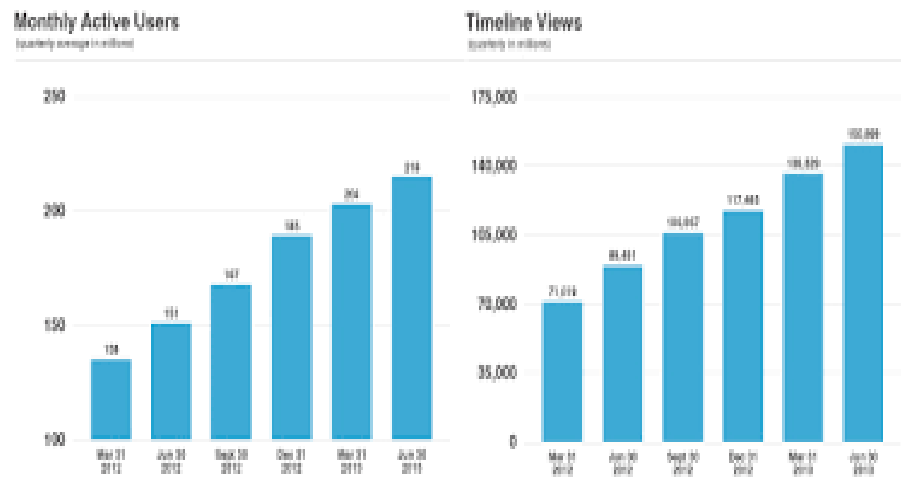


Fig 3.3: Increase in market size of Twitter(2019-2025)

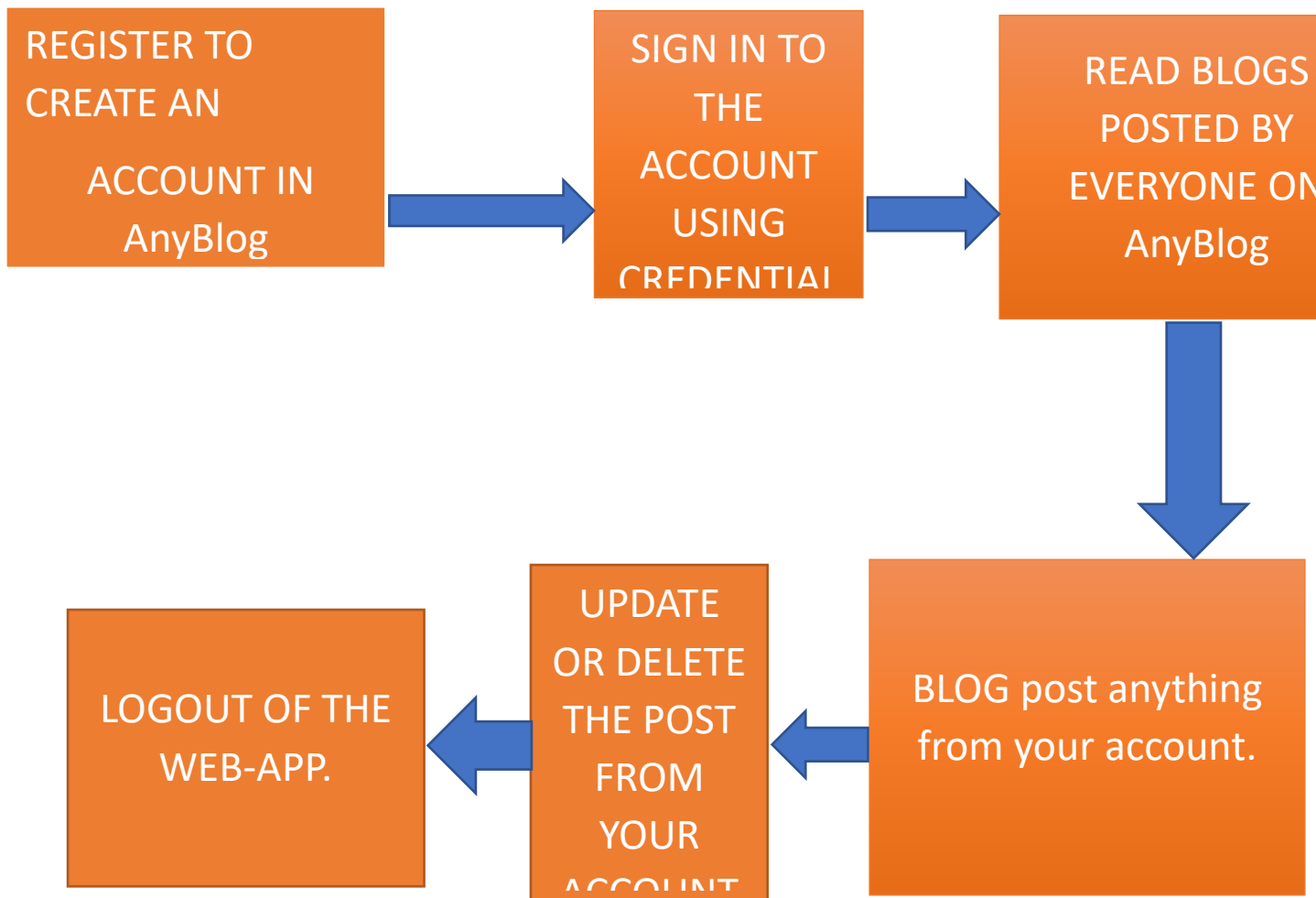


Fig 3.4: Flow chart showing the procedure of execution

4. SOFTWARE AND HARDWARE REQUIREMENTS

A software requirements specification (SRS) is a description of a software system to be developed. Used appropriately, software requirements specifications can help prevent software project failure. The software requirements specification document lists sufficient and necessary requirements for the project development.

Computer hardware is a collective term used to describe any of the physical components of an analog or digital computer .the term hardware distinguishes the tangible aspects of a computing device from software, which consists of written instructions that tell physical components what to do.

Table 4.1: software and hardware requirements

S.No	Description	Requirement
1.	Operating system	Windows 7 and above
2.	Programming language	PYTHON
3.	Software	FLASK
4.	processor	Intel Core™ i7-8700 CPU @3.20GHz
5.	Ram	1 GB or more
6.	Disc space	1 GB or more

5. RESULTS AND SCREENSHOTS

[Home](#) [About Us](#) [Log In](#) [Register](#)

ANYBlog

Welcome to ANYBlog Page

NITHIN

Written By: SUGAMYA

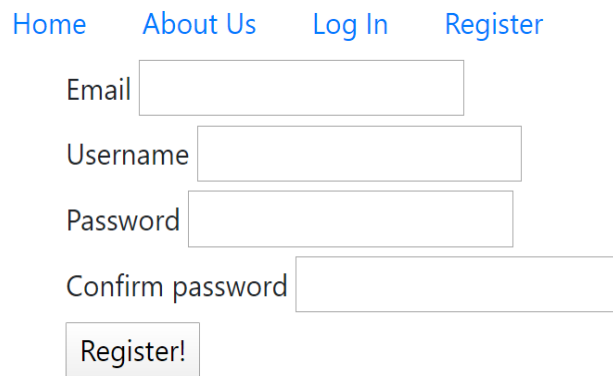
Published on: 2020-04-10

HE IS GOOD ...

Fig 5.1: Home Page of the Social company Blog

As we can see in the screenshot above, users can directly see the blog posts made by all the users in the homepage itself. We can also find a navigation bar through which we can access the login page and registration page.

The user can either create an account to login or login through previously created account. The registration page is as shown below-



The registration page features a navigation bar with four links: Home, About Us, Log In, and Register. Below the navigation bar, there are four input fields for registration: Email, Username, Password, and Confirm password. Each field is accompanied by a label on the left. At the bottom of the form is a button labeled 'Register!'.

[Home](#) [About Us](#) [Log In](#) [Register](#)

Email

Username

Password

Confirm password

Fig 5.2: Registration page

The above screenshot shows the details required for a person to create an account in the blog system. A user can create an account through this.

The user can login to the blog using the email and password as shown below-

[Home](#) [About Us](#) [Log In](#) [Register](#)

Email Password

Fig 5.3: Login page

The code checks if the login email and password are matching with the details in the database and allows user access.

This is a screenshot of some of the blogpost in the social company blog.

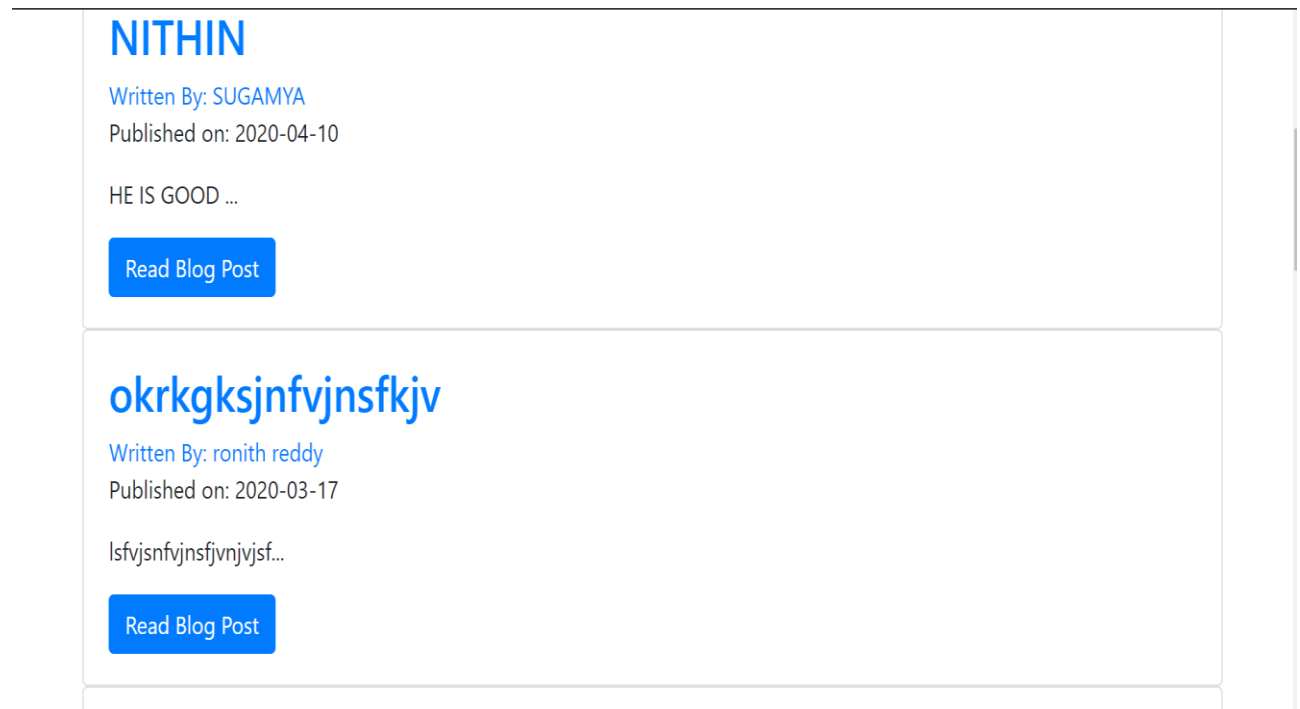


Fig 5.4: Blog post of a user

The above screenshot shows the details of a blog post created by a user. As we can see, the blogposts contain the information of the user who posted it and the date he published it.

As we can see below, the user can update or delete a blog post from the past.

[Home](#) [About Us](#) [Log Out](#) [Account](#) [Create Post](#)

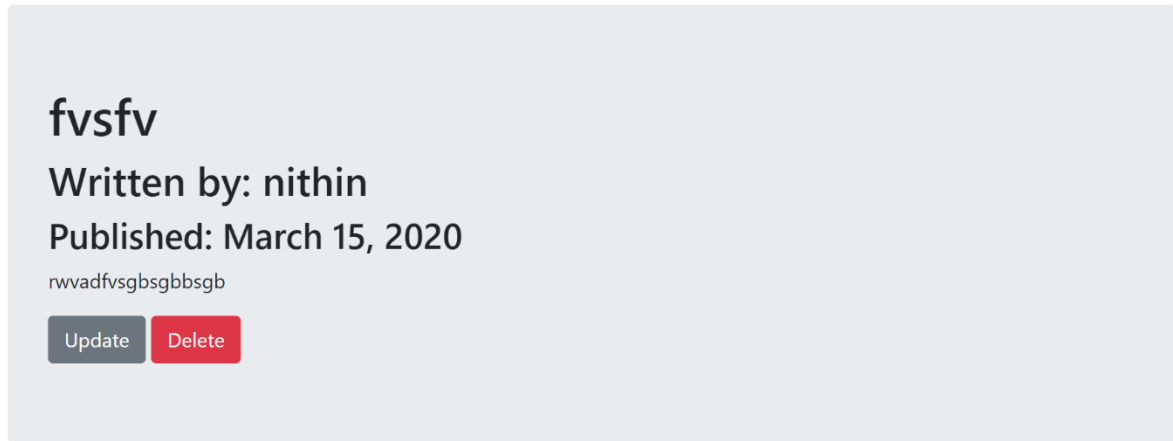


Fig 5.5: Update and Delete options in blog post

Users can easily update or delete a blog post made by them in the event of a mistake or update in the information of the published post.

6. CONCLUSION

This project is aimed at developing a Social company blog. A need for a blog is definitely needed as it gives the following advantages for its users

- allow users to create accounts
- allow users to login to their account
- provide a platform where users can easily share their opinion on a particular topic

7. FUTURE SCOPE

A need for a blog is definitely needed in the near future as it gives the following advantages for its users-

- goal of our project is to create a web-app which can-
- allow users to create accounts
- allow users to login to their account
- provide a platform where users can easily share their opinion on a particular topic.

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