Department of Information Technology
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MIT Art, Design & Technology University Pune
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SYNOPSIS

MIT Bloggers

Submitted to MIT ADT University, Pune

in partial fulfillment of the requirement for the award of the degree of

Bachelor of Technology

in

Information Technology

by

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SYNOPSIS CONTENT

Blog Website

Abstract:

The project 'MIT Bloggers' is a web-based application. This website will serve as a platform for students where they can share their knowledge and talent with the other students of the University. Today, social media and blog websites play a major role in learning and discovering various new technologies, skills, and art forms.

The project will be designed using various languages like HTML, CSS, JavaScript, etc. Apart from this, we will also be using the Django framework. We will be using Visual Studio Code as an IDE. This blog website will allow the students to post blogs (Text and Photos) related to different fields (music, dance, sports, and many more things). Apart from this, there will also be a section for technical blogs where people from different technical fields can share their technical knowledge which can be helpful to the students. The students can access this website through their login id(Enrollment Number) provided by the college. Once they are logged in they can like and comment on a particular blog or a post.

1. INTRODUCTION

Using web development we have planned to make a 'Blog Website' named 'MIT Blogger' where students from the first year to last year can post a blog, like, and comment on other blogs by creating an account on the website using their Enrollment Number. It would be just like a social media platform but only for blogs of SOE students.

The main purpose of creating this website is that it can be a way of communication or interaction between students of different years and different fields.

The project will be designed using various languages like HTML, CSS, JavaScript, etc. Apart from this, we will also be using the Django framework. We will be using Visual Studio Code as an IDE. Currently, we are building this website only for SOE students. If this project turns out to be successful we would add other features through which other branch students can also use this website.

1.1 Problem Statement

Everything is going online due to the pandemic. Because of this, students cannot interact with other students like their seniors. and in college days interaction with seniors and other students is necessary to share knowledge and also for self-growth. We can't physically interact with each other, but we can interact with others virtually and share knowledge.
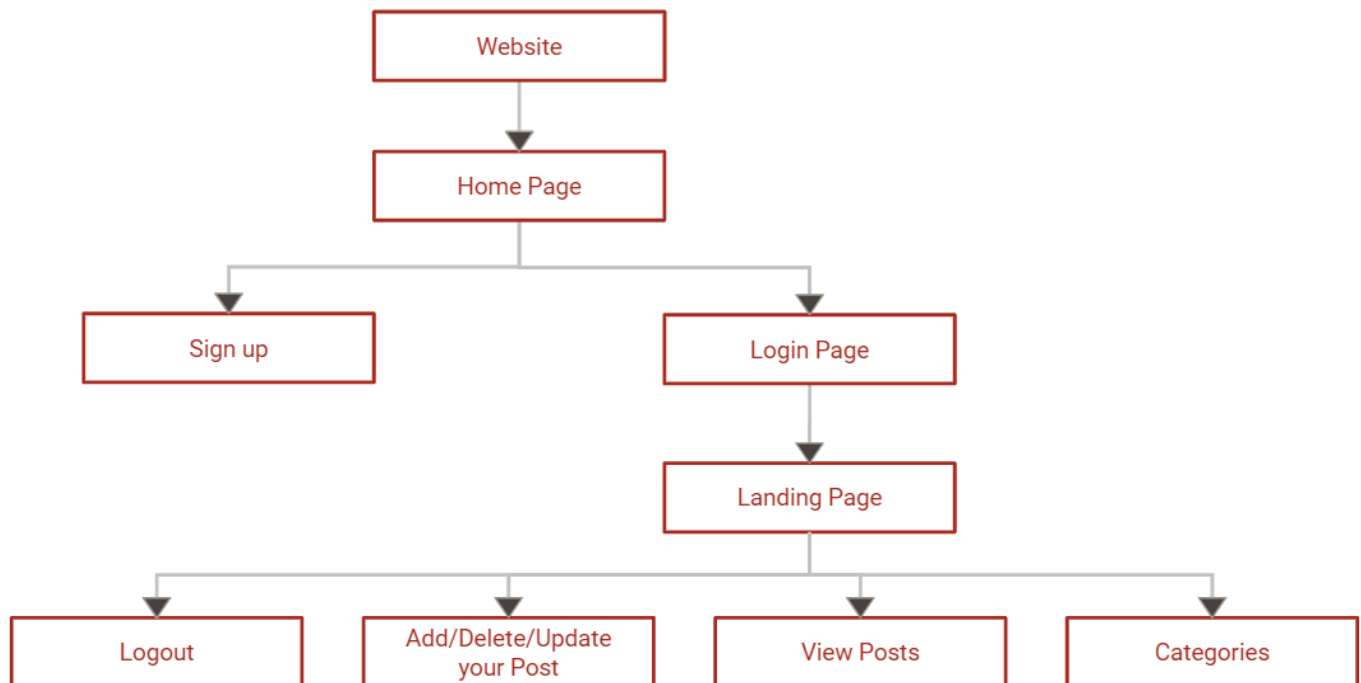
So we came up with an idea to build a platform for our MIT SOE engineering students to share their knowledge of their expertise field in the form of a blog.
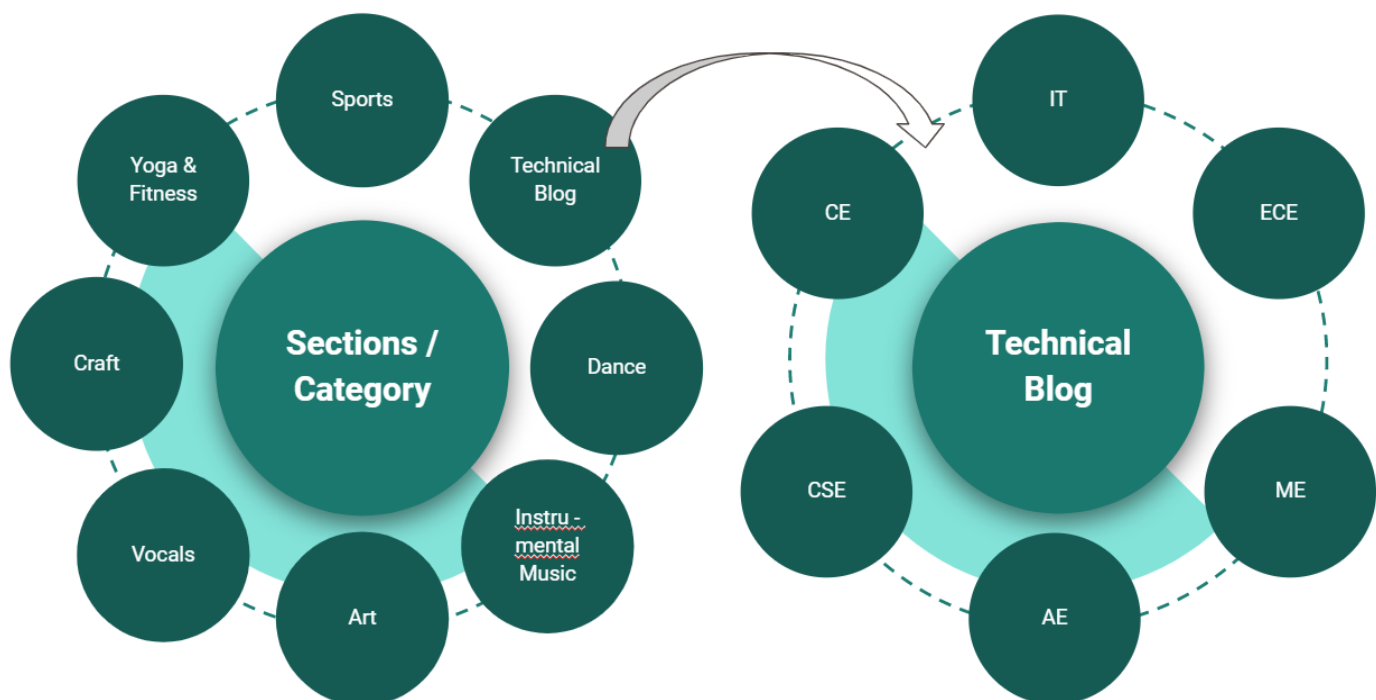
1.2 Objectives

1. To provide a social media platform to students of SOE to showcase, share their knowledge.
2. To provide a platform to students where they can interact and learn from each other.
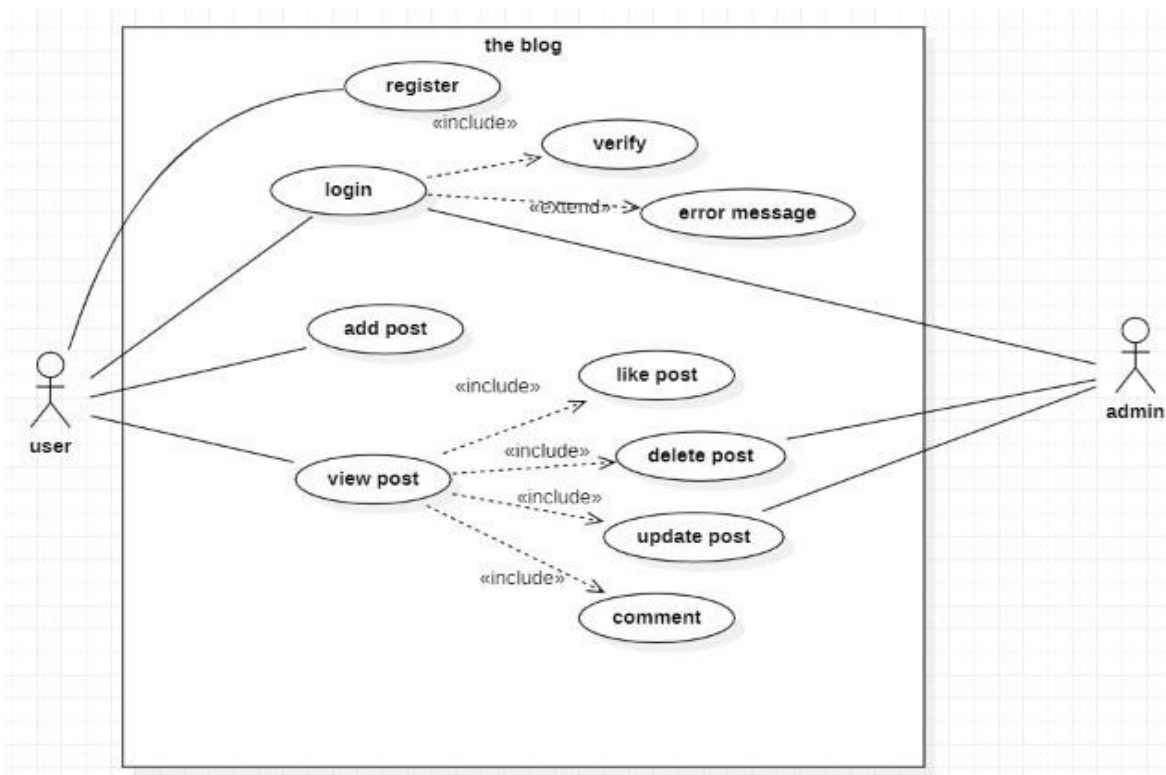
2. SYSTEM DESIGN

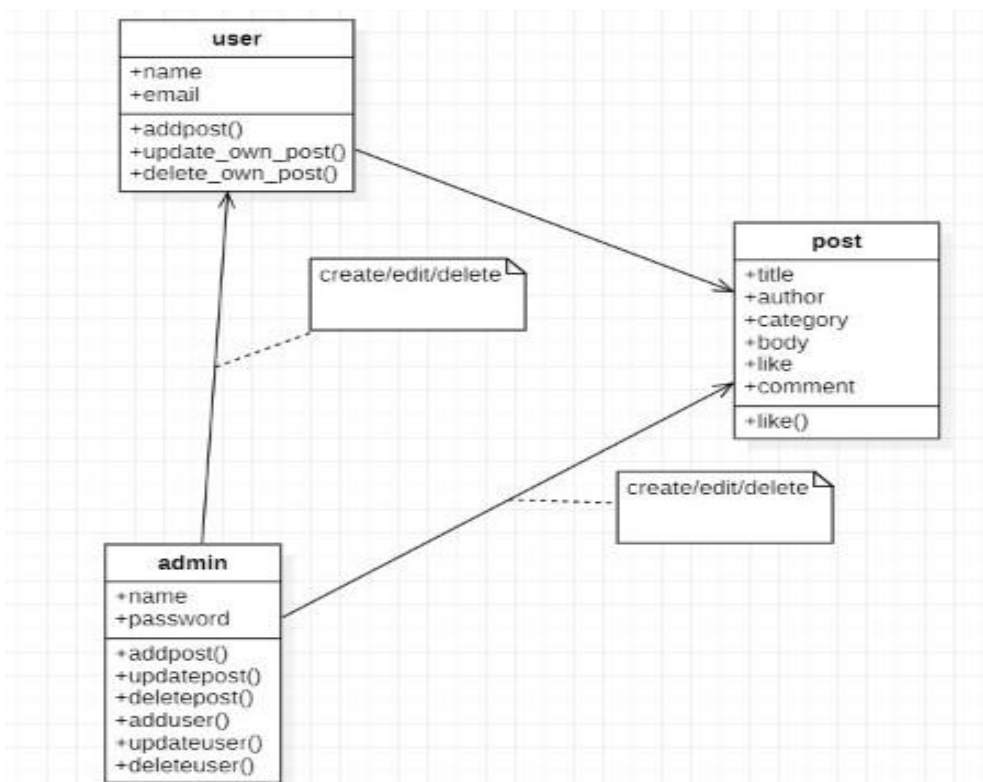## 2.1 Architecture or block Diagram:

```
                        ┌──────────────┐
                        │   Website    │
                        └──────┬───────┘
                               │
                               ▼
                        ┌──────────────┐
                        │  Home Page   │
                        └──────┬───────┘
               ┌───────────────┴───────────────┐
               ▼                                ▼
        ┌──────────────┐                 ┌──────────────┐
        │   Sign up    │                 │  Login Page  │
        └──────────────┘                 └──────┬───────┘
                                                │
                                                ▼
                                         ┌──────────────┐
                                         │ Landing Page │
                                         └──────┬───────┘
```

| Logout | Add/Delete/Update your Post | View Posts | Categories |

2.2 Features

2.3 USE CASE DIAGRAM

2.4 CLASS DIAGRAM

3. TECHNOLOGY

Platform: Windows

Languages: HTML, CSS, JavaScript

Framework: Django

4. APPLICATIONS

i. This website will also serve as a platform where others can recognize and appreciate your work.
ii. This blog website can be accessed from anywhere around the globe with the help of a computer or an android phone.
iii. The technical blogs can help students learn more about various technologies from their seniors or juniors which can be helpful for their career growth.
iv. It can be a way of communication or interaction between students of different years and different fields.

5. REFERENCES

[1]   W3 Schools - https://www.w3schools.com/
[2]   YouTube - https://www.youtube.com/
[3]   Google - https://www.google.com/

6. PROJECT PLAN

Sr. No.	Planned Activity	Planned Date
1.	Complete Synopsis	01-05-2021
2.	Complete implementation of the Home page, login page & landing page (backend)	08-05-2021
3.	Categories and Profile Page(backend)	31-05-2021
4.	Home Page, Login Page (front-end)	14-06-2021
5.	Landing Page, Profile Page, Blog format (front-end)	27-06-2021
6.	Add remaining details on the website	30-06-2021
7.	Design a logo	30-06-2021
8.	Complete implementation of the whole website	30-06-2021
9.	Add Email verification	If time permits