

**PROJECT REPORT ON**

***“College Blog”***

Submitted in partial fulfillment of the requirements for Enterprise Computing Project Lab for 4th Semester

Master of Computer Applications

Submitted by

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Under the guidance of

**Prof. Ayshwarya B**



**CERTIFICATE**

This is to certify that the project titled ***“College Blog”*** has been satisfactorily completed by **Mr. JERIN JOJI** with **19CS801016**, in partial fulfillment of the requirements for ***NoSQL Databases Project Lab*** with course code **MCASP2A51,** for the Vth Semester MCA course during the academic semester from June 2020 to March 2021 as prescribed by Bangalore University.

**Faculty In-charge Head of the Department**

**Valued by**

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Examiner 2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Centre: Kristu Jayanti College

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We thank our class mates, who have pointed out errors and guided us a lot and we thank each and every one who has helped us.

**Synopsis**

**Title of the Project** - College Blog

**Introduction**

A blog is a place to express yourself to the world. A place to share your thoughts and your passions. It can help in the promotion of critical and analytical thinking, increased access and exposure to quality content, and a combination of solitary and social interactions with peers. Currently, students in schools or colleges are unable to express their ideas, their talent, or anything that can be expressed for some benefit for everyone. College blog is a perfect platform for students, teachers, and institutional administrative purposes to promote collaboration between students and teachers. It increases motivation for reading and writing and showcases the student’s accomplishments, talents, ideas, or anything that they can’t express.

**Definition of the System**

The Online Blogging System will allow the users to publish the writings, videos, images, or audios if he/she should have credentials to log in. The main users of this project are students, teachers and administrators.

**List of Modules**

* Posting blogs:- Users can post the blogs
* Tags:- Similar like hashtags for easy search of contain
* Search
* PullUp PullDown:- To rate a blog
* Comments
* Trending and Latest Post

**Technology**

* Frontend - Html,Css & React
* Backend - Python, MongoDB

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**Introduction**

**Project Definition**

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**Project Description**

The College Blog will allow the users to publish the writings, videos, images, or audios if he/she should have credentials to log in. The main users of this project are students, teachers and administrators. The users can read and search the blog based on categories, authors, topics etc. the users also has the option to like and comment on the blogs.

**System Study**

**Existing System**

There are many blogging site where people can express their felling but we wanted to give the student who write articles, blogs, research papers a specific platform to express their thoughts and encourage them to write and think more. So we looked at it and saw that college doesn’t have a site like this. So we decided to give a place to the college student to express their thoughts and knowledge in one place which is our college blog.

**Proposed System**

We came up with the idea of college blog for students as a platform to express their knowledge and thoughts in one place. The students can read blog, like and comment on blogs, share the blog with their friends and also search the blogs based on category, title, authors, etc.

**Use Case Diagram**

**Activity Diagram**

**System Configuration**

**Hardware Configuration**

|  |  |
| --- | --- |
| **RAM** |  |
| **Hard Disk** |  |
| **Processor** |  |
| **Keyboard** |  |
| **Mouse** |  |

**Software Configuration**

|  |  |
| --- | --- |
| **Operating System** | Windows 11 |
| **Front-end** | Html, CSS, JavaScript, React |
| **Back-end** | Flask, Python, MongoDB |
| **Tools** | VSCode, MongoCompass |
| **Documentation Tools** | Microsoft Word 2013 |

**Details of Software**

Overview of Frontend

Overview of Backend