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Web Technology Laboratory

Batch: N4

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Title of the Project

BLOG HUB

1. Introduction:

A blog is a frequently updated online personal journal or diary. It is a place to express yourself to the world. A place to share your thoughts and your passions. Really, it's anything you want it to be. For our purposes we'll say that a blog is your own website that you are going to update on an ongoing basis. Blog is a short form for the word weblog and the two words are used interchangeably. Blogs range from the personal to the political, and can focus on one narrow subject or a whole range of subjects. It can also play an important role in student's life. 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 expressed for some benefits for everyone. The reason is, schools or colleges don't have any proper medium to accomplish it. But proposed Blogs can help in accomplish these things and even much more. We will cover the objectives of this Blogs in next section. Internet has become reality and usage of internet become very much popular and there is tremendous increase of internet in all over the world for educational purpose. The Blogs is easy to use, full-featured and much more.

a) Objective:

Blog hub is a perfect platform for students, teachers, institutional administrative purposes.

The basic objective of developing this project is:

- 1.To promote collaboration between students and teachers.
2. To increase motivation for reading and writing.
3. To establish a home-school or home-college connection in order to make the parents/guardians aware of the happenings or events. Parents with internet access can check their child's work and writings.
4. To improve the writing and digital literacy of the students. To keep track of daily expenses and budgeting.

2. Overall description

a) Implementation Details:

In this Section we will do Analysis of Technologies to use for implementing the project.

2.1 FRONT END

- HTML
- CSS
- JavaScript

2.2: BACK END

- Django
- SQLite

b) Operating Environment

- Software Requirements:

Operating System	Windows 10
IDE	Visual Studio
Server	Django
Database	SQLite
Network	Active Internet connection required.
Scripting Language	Java Script
Technology	Django
Fronnd End	HTML

Table 1. S/W requirement.

- **Hardware Requirements:**

Laptop	MSI
Processor	Intel P-IV based system
RAM	8 GB RAM
Graphics	NVIDIA GeForce GTX 1650
Hard Disk	40GB to 80GB

Table 2. H/W requirement

Use case diagram

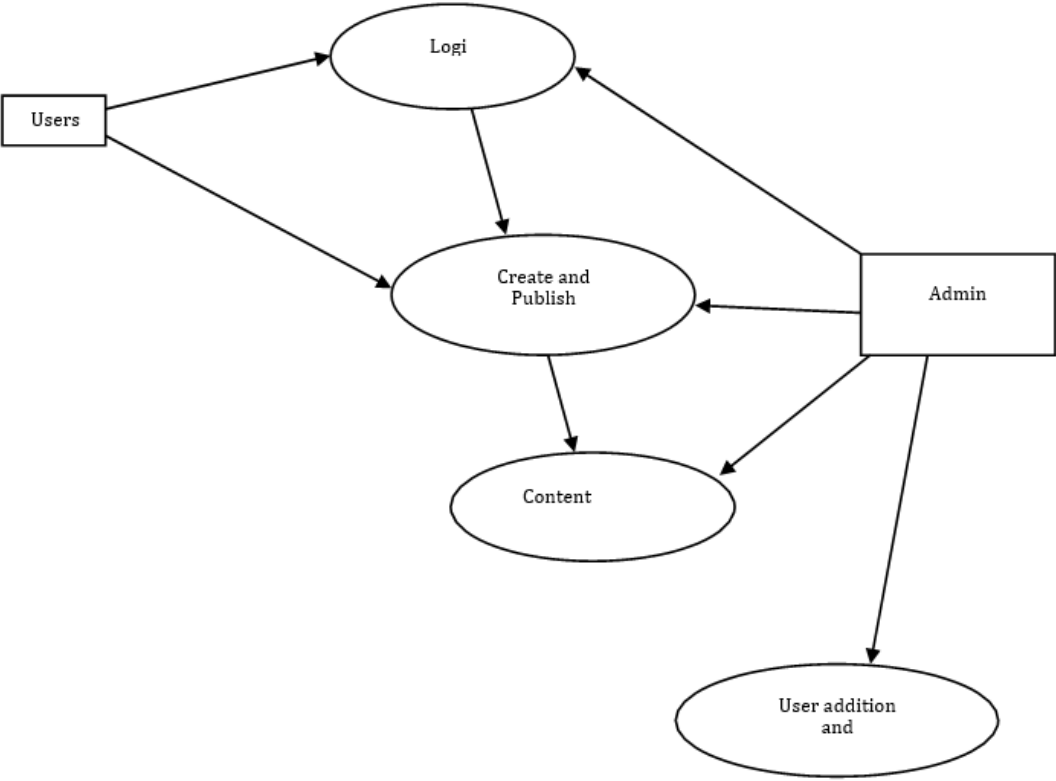


Fig 1. Use case

Test Cases :

Test case No.	Test Case Name	Expected Result	Actual Result	Status
T1	Login using registered users details	Login Successfully !!	As Expected,	Pass
T2	Login using unregistered record	Invalid details	As Expected,	Pass
T3	Read Blogs	Any user can read blog	As Expected,	Pass
T4	Write Blog	Register user can write blog	As Expected,	Pass
T5	Logout	User should be redirected to login page	As Expected,	Pass

3. Conclusion

While developing the system a conscious effort has been made to create and develop software package, making use of available tools, techniques, and resources – that would generate a proper system for cases.

While making the system, an eye has been kept on making it as user-friendly. A such may hope that the system will be acceptable to any user and will adequately meet his /her need. As in the case of any system development process where there are a number of shortcomings, there have been some shortcomings in the development of this system also.

4. Reference

- [1] www.w3schools.com
- [2] www.tutorialspoint.com
- [3] www.javatpoint.com
- [4] www.Youtube.com
- [5] <https://html.com>