

# **“BLOGGING SYSTEM”**



## **SUBMITTED BY**

Nikesh Ghagarker (0829CS181090)  
[nikeshghagarker2000@gmail.com](mailto:nikeshghagarker2000@gmail.com)

Rahul Dogney (0829CS193D07)  
[rahuldogney29@gmail.com](mailto:rahuldogney29@gmail.com)

Ravi Singh (0829CS181121)  
[ravi066612@gmail.com](mailto:ravi066612@gmail.com)

Shoaib Malik (0829CS181141)  
[shoiabmalik1651@gmail.com](mailto:shoiabmalik1651@gmail.com)

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**SUSHILA DEVI BANSAL COLLEGE OF TECHNOLOGY  
INDORE - 453331**

# Abstract

The purpose of Blogging System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software. Fulfilling their requirements technical posts like some programming concepts , discussion error during project, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Basically the project describes how to manage for good performance and better services for the filed of IT sector.

# 1. Introduction

The term blogging and blog is a latest buzz word in the modern society as more people started reading and writing blogs online. There is constant increase in the number of people turned in the blogs way and it is a good medium for every body to write and publish their opinions online. Every day people from all over the world are waiting for the celebrities blogs and want to reply their comments for that.

The application is reduced as much as possible to avoid errors while entering the data or projects. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. We design technical blog. This is designed to assist in strategic planning, and will help with the right level of information and details for future goals.

## 2. Problem Domain

Challenge is to prepare a blogging platform for mobiles and a website to support and publish those blogs online. As number of people using the mobiles increasing, it will be much easier for people to read, write and post comments using mobiles.

Challenge is to give a medium for people to express their opinions online very easily and allow reading that any time from anywhere.

Challenge is to develop, integrate and deploy different technological components to make an easy blog on mobiles.

The visitor want to spam our blog or hack it for their cybercriminal activities. Some people will want to post irrelevant comments or link-spam on your blog to link them back to their sites for higher ranking.

## 3. Solution Domain

- Blogging System Domain solution is a Windows, mobile client application which will allow users to read the blogs through the help browser.
- Blogger System allows users to create and publish blogs online and also allow reply to the existing blogs. Blogger allows users to write and keep the blog as a draft until it is fully ready for posting online

- To utilize resources in an efficient manner by increasing their productivity through automation.
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Provide strong contact system.
- Delivered on schedule within the budget.
- Have a good user interface.
- Be expandable.

## 4. System Domain

### Hardware

- Processor
- Ram 1GB (or) higher
- Hard Disk 80GB (or) higher

### Software

- Technology :- Python, Django (Framework)
- IDE :- Visual Studio Code
- Client-Side Technologies :- HTML,CSS,JS
- Database Server :- SQL lite.
- Operating System :- Windows 10.

### **Tool Visual Studio Code :-**

Visual Studio Code is an integrated development environment (IDE) used in computer programming, specially for the python language. It is developed by the Czech company Microsoft. It provides code analysis, a graphic debugger, an integrated unit tester, integrated with version control systems and support web development with Django .

### **Language Python :-**

Python is a widely used general purpose, interpreted, high level programming language. It was initially designed by Guido Van Rossum in 1991 and developed by python software foundation. It was mainly developed for emphasis for code readability, and its syntax allow programmer to express concepts in fewer lines code.

### **Framework Django :-**

Django is a web application framework written in python programming language. It is based on MVT (Model View Template) design pattern. Django was developed by "Mr. Lorene World" in 2003 and published officially in 2005, through "BMC License". In 2005 Django mountain foundation (DMF) Maintain the released and published it 2005. Most of website is develop using Django framework such as Pinterest, Instagram.

## 5. Application Domain

The “Blogging System” is a web based site that allows the readers and writers to meet each other. This website provides the features of blogging all at one place. The main idea behind blogging is to share your thoughts with all your friends which can be read by all the users using the website. Authors will be able to choose from the default themes and create their own.

## 6. Feasibility Study

After doing the project online Blogging System, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time.

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

### 6.1 . Economical Feasibility

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

- All hardware and software cost has to be borne by the organization.
- Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

### 6.2 . Technical Feasibility

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

### **6.3 . Operational Feasibility**

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

## **7. Expected Outcome**

- Design various blocks for overall system processes.
- Design smaller, compact and workable modules in each block.
- It save lot of time.
- Specify details of programs to achieve desired functionality.
- Design the form of inputs, and outputs of the system.
- Perform documentation of the design.
- System reviews