

# **BLOG MANAGEMENT SYSTEM USING DJANGO PYTHON**

## INTRODUCTION AND OBJECTIVES

Blog Management System Project is a web-based application that automates the existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable information can be stored for a long period with easy access and manipulation of the same. The required software and hardware are easily available and easy to work with.

## TOOLS / PLATFORM, HARDWARE, AND SOFTWARE REQUIREMENT

- Language Used: Python
- Framework Used: Django
- Database: SQLite or MySQL
- User Interface Design: HTML, AJAX, JQUERY, JAVASCRIPT
- Web Browser: Mozilla, Google Chrome, IE8, OPERA
- IDE: PyCharm
- Hardware
  - Processor: Intel 3 10gen
  - RAM: 4Gb
  - Storage (SSD): 128Gb
  - Operation System: Windows 10,11 – 64Bit

## PROBLEM DEFINITION AND INITIAL REQUIREMENTS

A blog, short for weblog, is an online journal or informational website that presents information in reverse chronological order, with the latest posts appearing first. The purpose of a blog is to attract readers and achieve some sort of blogging goal, whether community-building or growing a business. Today, there are more than 570 million blogs on the web, and the number of bloggers in the USA alone is set to reach 31.7 million users by 2020. In this Python project, we will build a GUI-based “Blog Management System” Project using Django and Database SQLite. Where we can Create Outstanding Blogs That Can Attracts the Readers (User) , We can also use this project to upgrade a business to improve their customers and give them a brief information and techniques about the business.

## BASIC FUNCTIONALITIES OF THE PROJECT

Blog Management System” Project has two modules that are.

1. **Admin**
2. **Reader (User)**

### **Admin Panels**

Admin will be the user of this project who can control the whole website.

1. **Category:** In this section, Admin can manage the category by adding new category when new trends come also update an Existing category to attract the viewers and admin can also delete an outdated category to maintain the Readers.
2. **Posts:** In this section, admin can manage posts by adding new posts daily to keep the Readers and admin can update an Existing post when it contains a wrong information to provide a best trust between the Readers, also delete an outdated posts to maintain the new and Attractive posts.
3. **Change Password:** In this section, admin can change his/her password.

### **User**

1. User Module are the Blog Readers.
2. User Can Access the Home Page and Blog Panel.
3. No Login Required.
4. They can View all the Blogs and Read it.