

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)



**Final Year Internship Report**

**On**

**Web-Developer-Django**

**Submitted By:**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE  
GWALIOR - 474005 (MP) est. 1957**

**MAY-JUNE 2022**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)



## **Web-Developer-Django**

A final year internship report submitted in partial fulfilment of the requirement for the degree of

**BACHELOR OF TECHNOLOGY**

In

**COMPUTER SCIENCE AND ENGINEERING**

Submitted by:

**SAURABH MADHURE**

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Submitted to:

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Ref.: PGR-2022/I-532

Date: 11<sup>th</sup> – May - 2022

## CERTIFICATE OF INTERNSHIP

This certificate is awarded to

**Mr./Miss. SAURABH MADHURE**

In appreciation for your accomplishments in the company as an intern  
(Position titled- "*Web Developer - Django*")  
at Praedico Global Research Pvt. Ltd.,  
from Jan 10<sup>th</sup>, 2022 to May 10<sup>th</sup>, 2022.

We take this opportunity to wish you a long, happy and successful career.

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Praedico Global Research Pvt. Ltd.

## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

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### **CERTIFICATE**

This is certified that **Saurabh Madhure** (0901CS181095) has submitted the Internship report titled **Web Developer-Django** of the work he has done under the mentorship of **Amit Kumar Manjhvar, Assistant Professor** in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.

**Dr. Manish Dixit**

Professor and Head,  
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Amit Kumar Manjhvar

Faculty mentor  
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## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

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### **DECLARATION**

I hereby declare that the work being presented in this Internship report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in CSE at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Amit Kumar Manjhvar, Assistant Professor** Department of CSE.

I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.

Saurabh Madhure  
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Computer Science and Engineering

## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

### **ACKNOWLEDGEMENT**

The full semester internship has proved to be pivotal to my career. I am thankful to my institute, **Madhav Institute of Technology and Science** to allow me to continue my disciplinary/interdisciplinary internship as a curriculum requirement, under the provisions of the Flexible Curriculum Scheme (based on the AICTE Model Curriculum 2018), approved by the Academic Council of the institute. I extend my gratitude to the Director of the institute, **Dr. R. K. Pandit** and Dean Academics, **Dr. Manjaree Pandit** for this.

I would sincerely like to thank my department, **Department of Computer Science and Engineering, for allowing** me to explore this internship. I humbly thank **Dr. Manish Dixit**, Professor and Head, Department of Computer Science and Engineering, for his continued support during the course of this engagement, which eased the process and formalities involved.

I am sincerely thankful to my faculty mentors. I am grateful to the guidance of **Amit Kumar Manjhvar, Assistant Professor**, Department of Computer Science and Engineering, for his continued support and close mentoring the internship. I am also very thankful to the faculty and staff of the department.

Saurabh Madhure  
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## **ABSTRACT**

I have learned about the working of Web-Development and working of their component, how the tags work in HTML, CSS, the pattern followed by Django, and the SDLC used in Web-Development. Django is a powerful Python web framework that has revolutionised web programming in Python. It is a framework that makes web development fun. Django follows the Model-View-Controller (MVC) design, which emphasizes component reusability and "pluggability," rapid development, and the DRY (Don't Repeat Yourself) idea. Python is used for everything, including settings, files, and data models. The purpose of the Online Blogging Method is to automate the current manual approach utilising computerised equipment and full-featured computer software to fulfil their demands, so that their critical data/information may be kept for a longer period of time with easy access and alteration. The essential software and hardware are simple to use and understand.. An online blogging system can lead to a management system that is error-free, secure, trustworthy, and quick. It may allow the user to focus on other duties instead of keeping track of their data. As a consequence, the user will be able to utilise its resources more effectively.

## सार

मैंने वेब-डेवलपमेंट के काम करने और उनके घटक के काम करने के बारे में सीखा है, HTML, CSS में टैग कैसे काम करते हैं, Django के बाद पैटर्न और वेब-डेवलपमेंट में उपयोग किए जाने वाले SDLC। Django एक शक्तिशाली पायथन वेब ढांचा है जिसने पायथन में वेब प्रोग्रामिंग में क्रांति ला दी है। यह एक ढांचा है जो वेब विकास को मजेदार बनाता है। Django मॉडल-व्यू-कंट्रोलर (MVC) डिज़ाइन का अनुसरण करता है, जो घटक पुनः प्रयोज्य और "प्लगेबिलिटी," तेजी से विकास, और DRY (डॉट रिपीट योरसेल्फ) विचार पर जोर देता है। पायथन का उपयोग हर चीज के लिए किया जाता है, जिसमें सेटिंग्स, फाइलें और डेटा मॉडल शामिल हैं। ऑनलाइन ब्लॉगिंग पद्धति का उद्देश्य उनकी मांगों को पूरा करने के लिए कम्प्यूटरीकृत उपकरण और पूर्ण विशेषताओं वाले कंप्यूटर सॉफ्टवेयर का उपयोग करते हुए वर्तमान मैनुअल दृष्टिकोण को स्वचालित करना है, ताकि उनके महत्वपूर्ण डेटा/सूचना को आसान पहुंच और परिवर्तन के साथ लंबे समय तक रखा जा सके। आवश्यक सॉफ्टवेयर और हार्डवेयर उपयोग करने और समझने में सरल हैं.. एक ऑनलाइन ब्लॉगिंग सिस्टम एक प्रबंधन प्रणाली को जन्म दे सकता है जो त्रुटि मुक्त, सुरक्षित, भरोसेमंद और त्वरित है। यह उपयोगकर्ता को अपने डेटा पर नज़र रखने के बजाय अन्य कर्तव्यों पर ध्यान केंद्रित करने की अनुमति दे सकता है। नतीजतन, उपयोगकर्ता अपने संसाधनों का अधिक प्रभावी ढंग से उपयोग करने में सक्षम होगा।

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# Chapter 1: INTRODUCTION

## 1.1 Introduction

Sometimes the blogs are easy to attract the peoples/audience by serving them some exciting topics and content, Every time peoples have new idea whether it's about blogging, newly launched Gadgets, Social Media, Stock Market and etc. In this Blogging Site User can Add, Update, Delete, View Category and Subcategory Available, and can contact with using contact form available on site but User have to create an account to add blogs or to read blogs or if already signup can directly login and access the user side and on the Other side there is admin panel who can access all the component present in the site, admin can add Category, Subcategory according to the feedback of the user and also able to see the user and the blogs added by user and can take action on the blogs and user . We can serve them Information in the form of:-

1. Existing Community
2. To Promote a Product
3. Sharing an Important News
4. To Answer a Questions

The term "blog" is an abbreviated variant of the phrase "weblog," which refers to websites that keep a running record of content. A blog is a website that posts diary-style remarks and connections to other websites' material in reverse chronological order. Blogs include a wide range of topics, from personal to political, and can be devoted to one or several subjects.

Many blogs are devoted to a single subject, such as web design, house staging, sports, or mobile technology. Some are more diverse, including links to a wide range of other websites. Others are more like personal diaries, with the author's daily activities and thoughts detailed.

Bloggers are individuals who write blogs. You would imagine that bloggers are all young, politically active, and tech-savvy based on what you hear on the news. Perhaps you've heard of bloggers who wrote about incredible adventures or ambitious initiatives and then transformed their blogs into best-selling books. While some bloggers fulfil these categories, the vast majority do not. In truth, there is no such thing as a "typical" blogger; blogs are created by people of diverse ages, backgrounds, and professions.

People blog for a variety of reasons, but here are a few of the most common:

- To share your knowledge and experiences
- To become more involved with interests and passions to speak up about a topic you care about
- To be a part of a group
- To develop your writing career or to begin one

- To keep your family and friends informed about your activities

Whatever their primary motivation for blogging, most bloggers have one thing in common: they are enthusiastic enough about a subject to write about it repeatedly, generally for free. If you have an interest in anything, you might like blogging about it... You have infinite room and flexibility when you start your own blog.

## 1.2 Objective

A blog's purpose is to give information on your website that answers queries and informs about your goods or service to potential customers. It increases the visibility of your brand by supplying content for Google and other search engines to index and show in search results.

Having a blog on your website has several advantages. Continue reading to see why we advise our customers to start a blog to improve their internet visibility.

Many of the customers fit into one of four categories:

They used to have a blog, but after a few pieces, they stopped.

They have a blog, although it is updated only sometimes.

They maintain a blog with poor content.

They don't even have a blog.

## 1.3 Scope

Due to a variety of circumstances, blogging is changing and getting more challenging. In order to engage their readers as fast as possible, bloggers must be original and unique. Not only that, but businesses must also create high-quality content to set themselves apart from the competitors. Customers are growing choosier when it comes to purchasing a product. As a consequence, large views and shares on social media necessitate the best content for a blog. A blogger must be able to adapt to changes quickly and develop their trade. Is blogging going away? Bloggers frequently ask this issue, and they should be informed of current trends in order to plan for their future.

### **Viral Branding**

Many large media organisations are now adopting the blogosphere in order to boost their market share. Furthermore, search engines like Google prioritise well-known brands and sites with high domain authority. As a result, small firms will find it impossible to compete with them, causing a slew of issues. To influence

more customers, they should leverage their brand as an authority with high-quality content. As a result, SMBs will engage experienced blog writers that can provide high-quality material for popular platforms.

## Smart bots

Bots use Machine learning and artificial intelligence techniques that are always evolving. When large corporations wish to produce material on popular blogs, they will use bots to automate the writing process. Bots, on the other hand, are unable to manage some sorts of information since they are created using facts and other criteria.

To stay competitive in the blogging sector, a blogger must have great content and copywriting abilities.

## Educational material will take centre stage.

Customers have lost interest in learning about a brand's characteristics. Instead, people like to assess answers to their difficulties, and bloggers should provide them with instructive information. Educational information should take precedence over advertising content for a blogger. This, in turn, opens up opportunities to affect the audience as quickly as possible, resulting in a number of benefits.

# Chapter 2: Technical Description

## WEB DEVELOPMENT

Web development is known as creating a website that contains many page designs and maintaining it. Web development include 3 types:

### Front-End –

Front-end is used for the look of website which contains icon, images, colour, type, and toggling the Web-page look on other devices like phone, tablets and laptops etc. programming Languages used for front-end is HTML, CSS, and JAVASCRIPT.

### Back-End –

Back-end is used for building and maintaining website code which helps them to run website. The server is connected to website using code and ensure that the data is flowing properly to the website. Programming language used are JavaScript, PHP, MySQL, Python and some new languages.

## **Full-Stack –**

Full-Stack Web Developer Covers both back-end and front-end responsibilities, they are generally responsible for identifying cutting-edge technology.

## **WEB-SITE**

A website is a collection of World Wide Web pages, usually with links between them, that an individual, company, educational institution, government, or organisation makes available online for various reasons. The web pages are created using HTML or a comparable mark-up language. Web browsers organise the many online resource components, such as scripts, graphics, and style sheets, to produce the written web page. Navbar, sidebar, modals, cards, carousel, and other components are commonly included in web pages through link/hyperlink. Higher levels, on the other hand, are restricted since lower levels utilise HTTP to access the Internet. Pages on dynamic websites let the browser (client) improve web pages by using server input in the server.

A website can be accessed by referring to a unified resource location (URL) that identifies the site on a public Internet Protocol (IP) network, such as a LAN, or the Internet. The Hypertext Transfer Protocol (HTTP) is used to access and distribute web pages, and it can utilise encryption (HTTPS) to give security and privacy to the user.

## **Software Requirement**

### **1 HTML**

HTML, or Hyper Text Markup Language, is the industry standard markup language for web-based writing. Cascading Style Sheets (CSS) and computer languages like JavaScript may both assist. Web browsers translate HTML documents received from a web server or locally saved files into multimedia web pages. HTML included visual clues for the document's appearance and logically outlined the structure of a web page at first.

HTML structures can be used to embed images and other objects, such as interactive forms, in the final page. By defining structural semantics for text such as headers, paragraphs, and lists, HTML helps you to create well-organized texts.

HTML is a markup language used to create web pages.

The structure of a Web page is described in HTML.

HTML is made up of several components.

## 2 CSS

CSS (Cascading Style Sheets) is a style sheet language that describes how a document authored in a markup language should look. Although this is most widely used to style HTML and XHTML web pages and user interfaces, the language may be used to style any XML file, including plain XML, SVG, and XUL, and can be rendered in voice or on other media. CSS, like HTML and JavaScript, is a foundational technology used by most websites to produce aesthetically appealing webpages, web app interfaces, and mobile application user interfaces. CSS is largely intended to separate appearance from content, including elements like layout, colours, and fonts. This distinction can help.

## 3 Java-script

JavaScript is a dynamic programming language for computers. It is a lightweight component of web pages whose implementations enable client-side script to interact with users and create dynamic sites. It is an object-oriented programming language that is interpreted.

JavaScript was originally known as Live Script, but due to the buzz around Java, Netscape changed its name to JavaScript. Live Script was the moniker given to JavaScript when it originally appeared in Netscape 2.0 in 1995. The language's general-purpose core has been integrated into Netscape, Internet Explorer, and other web browsers.

A standard version of the basic JavaScript language was established by the ECMA-262 Specification.

JavaScript is an interpreted, lightweight programming language.

Create network-centric apps with this framework.

Incorporating and complementing

## 4 SQL

SQL is a relational algebra and tuple relational algebra-based data definition, data manipulation, and data manipulation language. SQL covers data entry, query, update, and deletion, schema construction and change, and data access control. SQL is often thought of as a declarative language (4GL), which it is to some extent, but it also incorporates procedural features. Edgar F. Codd's relational data model, according to his renowned 1970 paper, "A Relational Paradigm of Data for Massive Sharing Data."

SQL stands for Structured Query Language, and it is a computer language used to store, manipulate, and retrieve data from a relational database.

SQL is the standard language for Relational Database Systems. The standard database language is SQL used by all Relational Database Management Systems (RDMS) such as MySQL, MS Access, Oracle, SQL Server, Sybase, Informix, and Postgres

## 5 Pycharm

Pycharm is an integrated development environment (IDE) for computer programming that focuses on the Python programming language. It was developed by Jet Brains, a Czech company (formerly known as IntelliJ). [5] For web development and data science, it offers code analysis, a graphical debugger, an integrated unit tester, VCS integration, and Django and Anaconda support, respectively. [6]

Pycharm has versions for Windows, Mac OS X, and Linux. The Apache License [7] governs the Community Edition, although there is also an educational edition and a Professional Edition with more features (released under a subscription-funded proprietary license)

Features:

Code completion, syntax and error highlighting, linter integration, and fast fixes are all available as part of the coding support and analysis.

Customised project views, file structure views, and easy skipping between files, classes, functions, and usages

Refactoring in Python comprises renaming, extracting methods, introducing variables, constants, pulling up, and pushing down, among other things.

Django, web2py, and Flask (professional edition only) are supported web frameworks.

Python debugger integrated

Line-by-line code coverage during integrated unit testing

Python programming with Google App Engine (just the professional edition)

Mercurial, Git, Subversion, Perforce, and CVS version control integration: a single user interface with change lists and merges for Mercurial, Git, Subversion, Perforce, and

[Professional edition only] Support for scientific tools such as Matplotlib, NumPy, and SciPy.

## 6 Django

Django is a free and open-source Python-based web application framework. It's designed with a simple, functional aesthetic in mind. It was built by experienced developers to make laborious tasks easier so that we can focus on developing apps instead of reinventing the wheel.

The following are some of the qualities that make Django an excellent framework for developing web applications:

Django development moves at a breakneck pace. Our concepts may easily transform into a product.

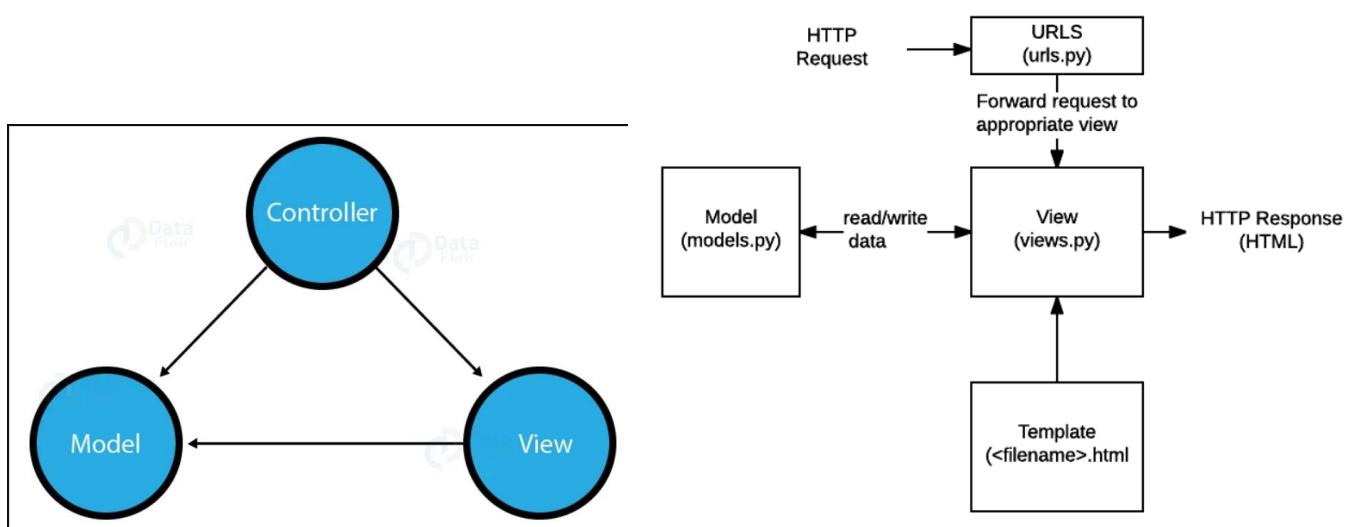
Django comes with hundreds of projects that may be used to do typical tasks like user login, authorization, and content management.

Django is versatile enough to be utilised for practically any project, from content management systems to e-commerce websites to on-demand delivery platforms.

Cross-site request forgery, cross-site scripting, SQL injection, and clickjacking are all prevalent security vulnerabilities that Django can avoid.

Django websites are scalable, meaning they can scale quickly to meet large traffic needs.

Django Follows the MVT/MVC Pattern :-



## 7 Bootstrap

Bootstrap is a front-end web development CSS framework that is mobile-first, responsive, and open-source. It includes design templates for typography, forms, buttons, navigation, and other interface elements in CSS and (optionally) JavaScript. On GitHub, Bootstrap is the sixth most-starred project.

Bootstrap is a web framework that makes designing informative web pages easier. The colour, size, font, and layout options are the main reasons for utilising Bootstrap in a web project. As a result, the most important element is whether or not the main developers like the alternatives. Bootstrap offers fundamental style definitions for all HTML components once deployed. Writing, tables, and other skills have grown more difficult as a result.

### 2.1 Main Purpose

The goal of this text is to:

- To define the technical & operational feasibility

- To ensure that there are no misunderstanding or omissions in functionality
- To ensure that requirements of the proposed system are complete and clear
- To provide a basis for the subsequent design, development and testing phases of entire application.

## 2.2 Features

- Website for Bloggers.
- Admin and User can login with email id registered with it.
- Clean design and easy to use.
- User can update ,delete their own blogs
- Admin will have access to complete site.

## Major Modules

In this blogging website there are two Major module which contains many sub-modules that are easy to access and user-friendly.

The Modules are:

### Userapp

This blogging site had a userapp (user module) in which user can login using there registered Email id and Password and can add blogs by viewing the categories and the subcategories available for them by admin, and user can view all blogs available and can manage their own uploaded blogs by updating, deleting . After performing all this user can logout.

But if the user is not Register the are only able to view the blogs but not able to read full blogs, as it require the user Registration with Username, Email, Password, Phone Number.

The Elements contains in user panel:

- Registration
- Login
- My blogs, Add blogs, Manage Blogs (Update, Delete)
- Feedback
- Logout

## Admin

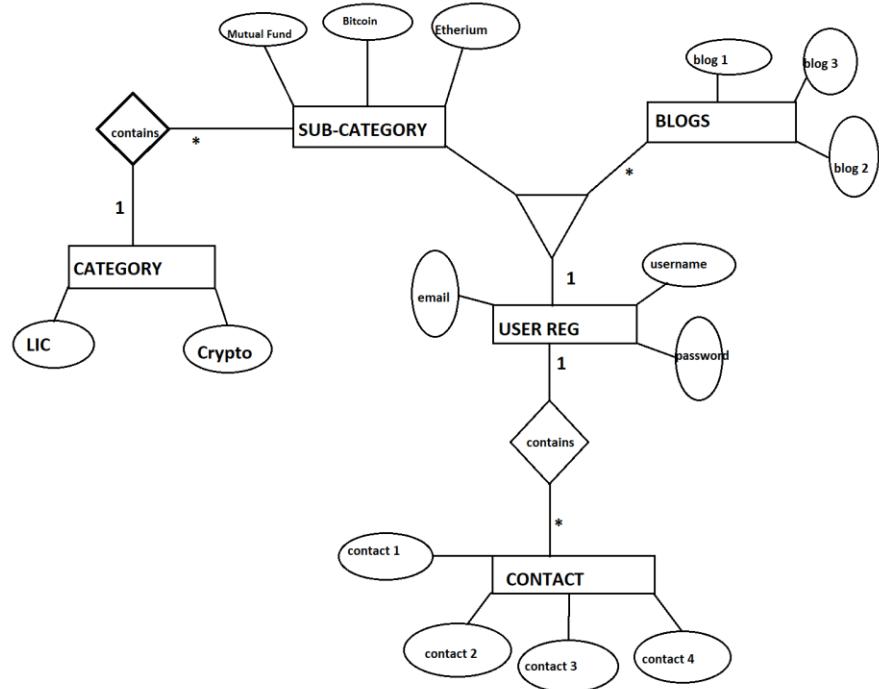
On the other side blogging app had an admin app which had a full access to website with the predefined credential like Admin name and password to login.

- Admin had an access to add category ,delete and update category
- Admin had an access to add, delete and update Subcategory.
- Admin can view all registered user with added, deleted, updated blogs.
- In the Django administrator admin can manage the user and their blogs added.
- Admin can read the feedback and work according to it in website.

## Functional Details

1. First user has to register using their Email-ID
2. User would be required to login for the access to the website. He must use his registered email address and password to log in.
3. After login user will have a user panel in which options are presents like Add Blogs, show blogs, show category available, show Subcategory available, and can update or delete the blogs.
4. Once user clicks on the place order a popup will appear on the screen showing ‘Your order placed successfully’.

## 3. ER Diagram

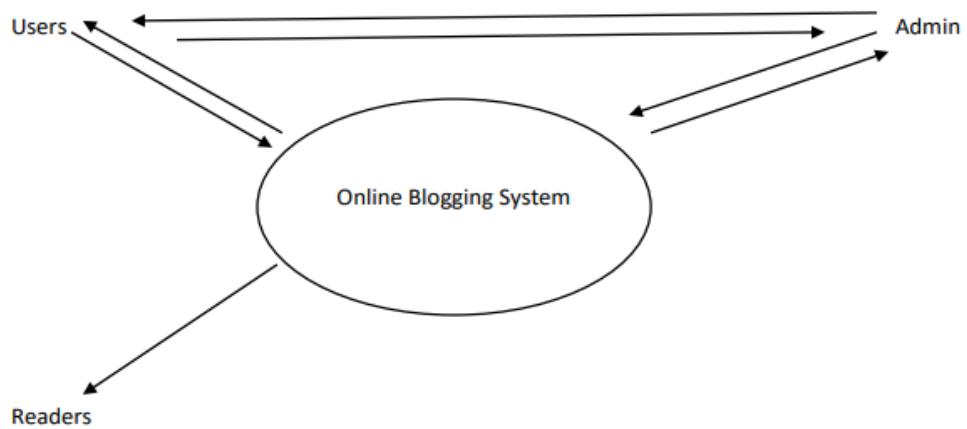


## Data Storage

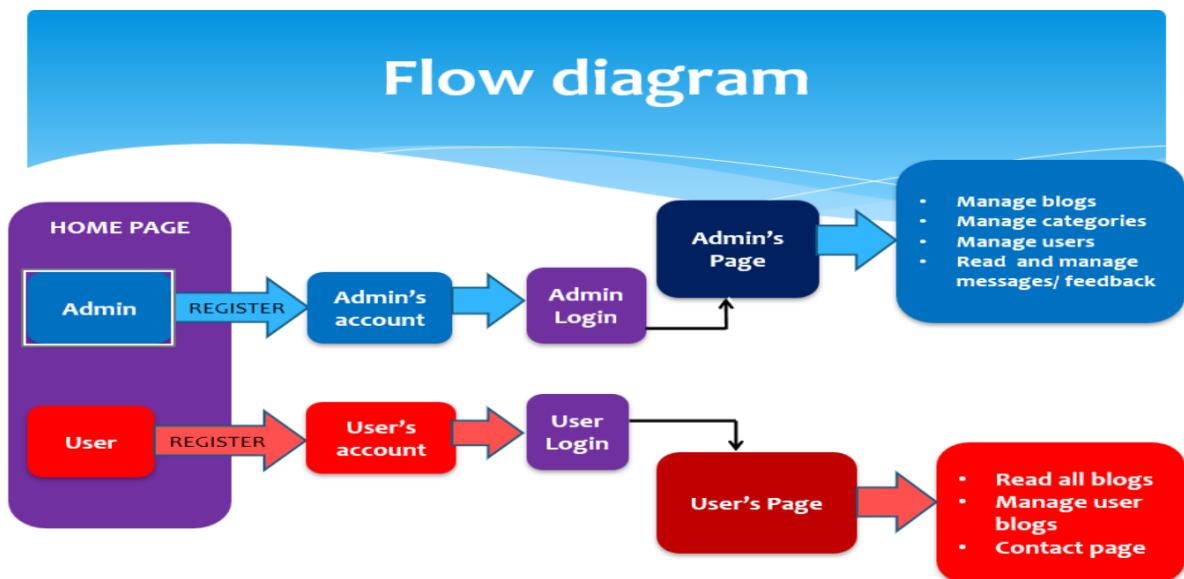
- A customer's password must never be shown in their web browser. It must be repeated with special characters that indicate typed characters at all times.
- Only authenticated administrators should have access to the system's back-end servers.
- The back-end databases of the system must be encrypted.

## 4. DFD

The movement of data through a system or process is depicted in a data flow diagram. It includes data inputs and outputs, as well as data repositories and the subprocesses that the data flows through. DFDs employ standardised symbols and syntax to define various entities and their connections. In this reader can read data but the admin and the user can get and post data to database



## 5. Flow Chart



# **SYSTEM ANALYSIS AND REQUIREMENT SPECIFICATIONS**

## **1 Hardware Requirements**

Hardware selection is critical to the existence and correct operation of any programme. Size and needs are other crucial considerations when choosing hardware.

- Intel Core i3 processor
- 4.0 GB RAM
- 256/500 GB HDD/SSD

## **2 Software Requirements**

1. Windows 7,8,10.
2. HTML, CSS, JavaScript, and Bootstrap
3. XAMPP SERVER/APACHE SERVER
5. MySQL.6. Pycharm

# Screenshot

## 1. User Panel

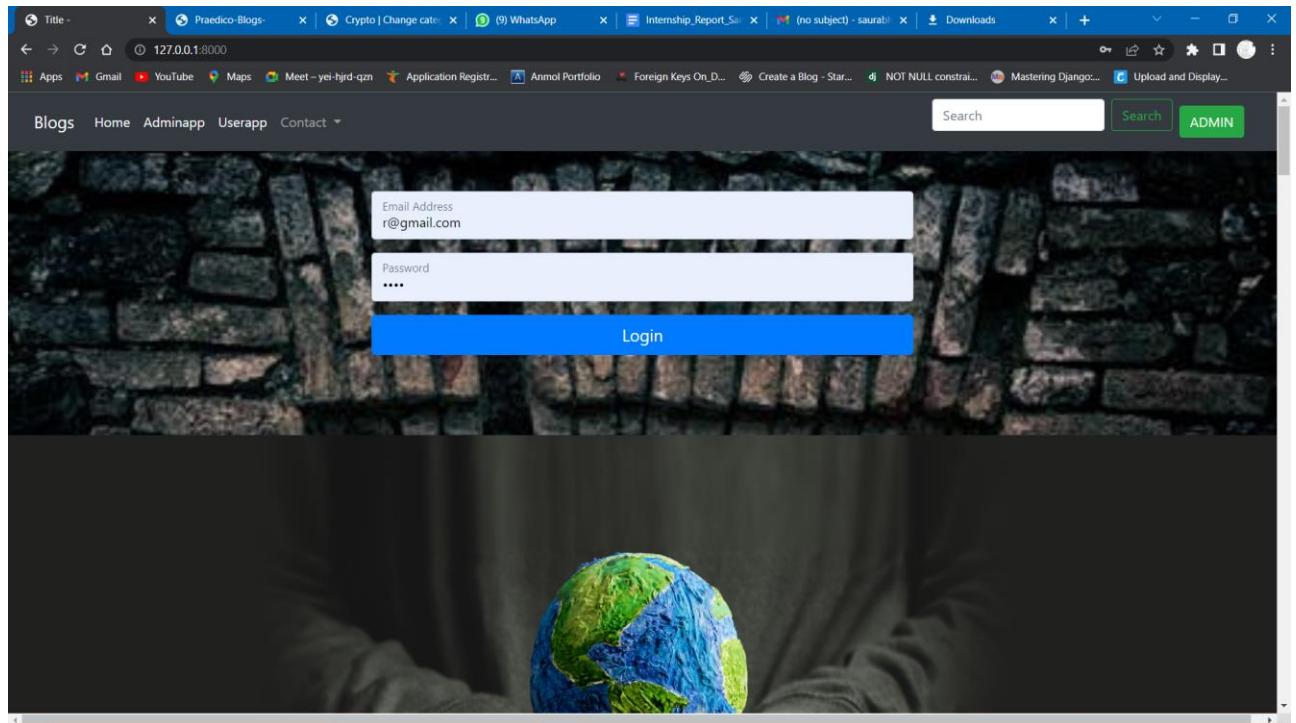


Fig 1.1

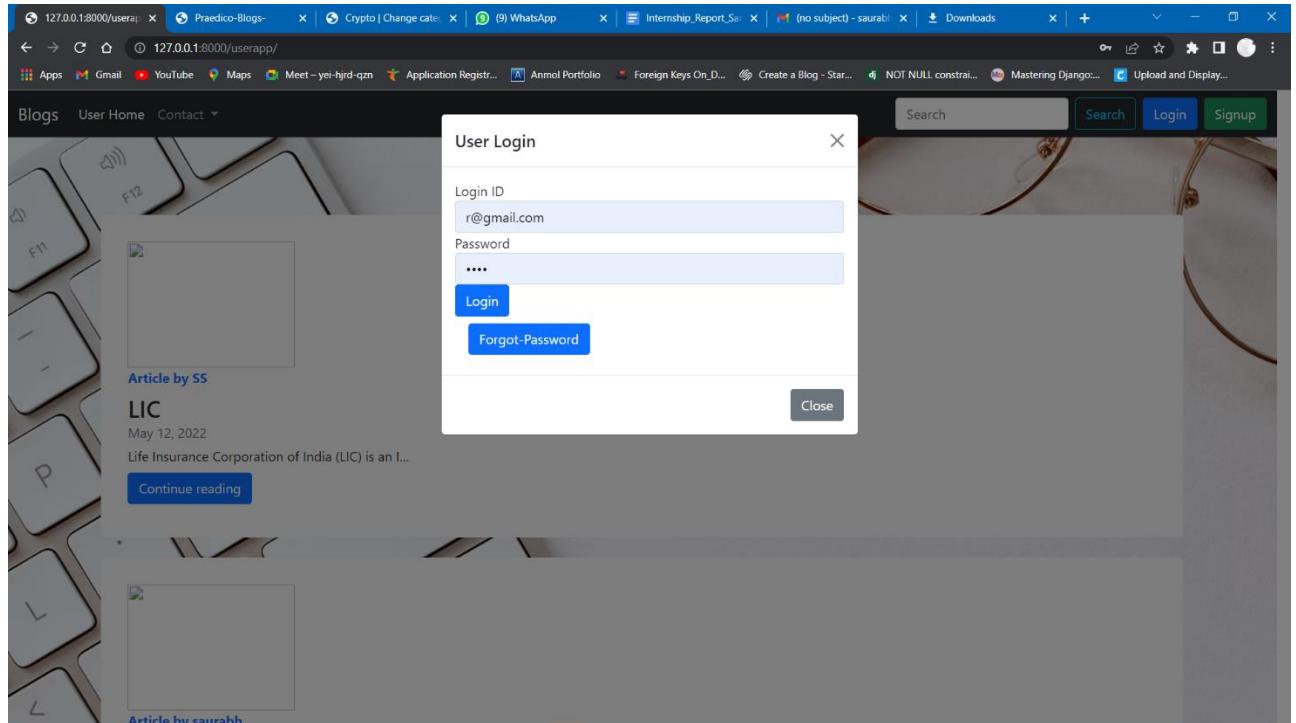


Fig 1.2

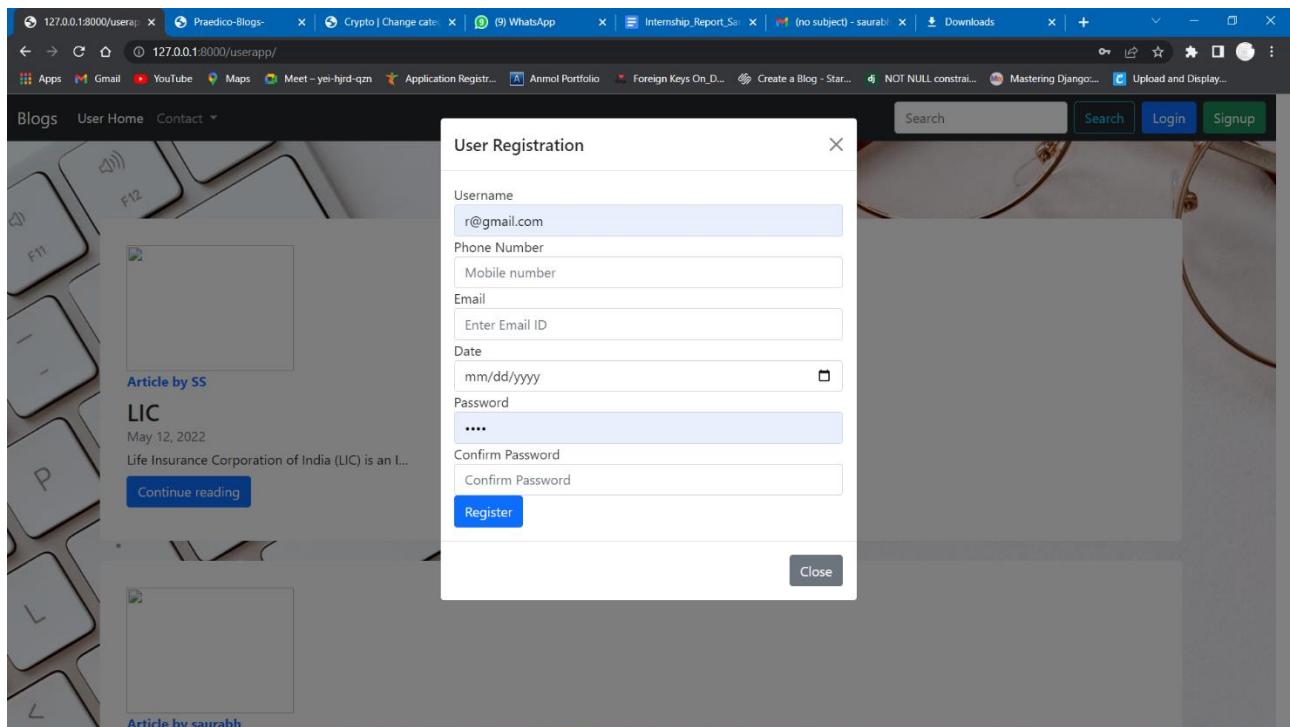


Fig 1.3

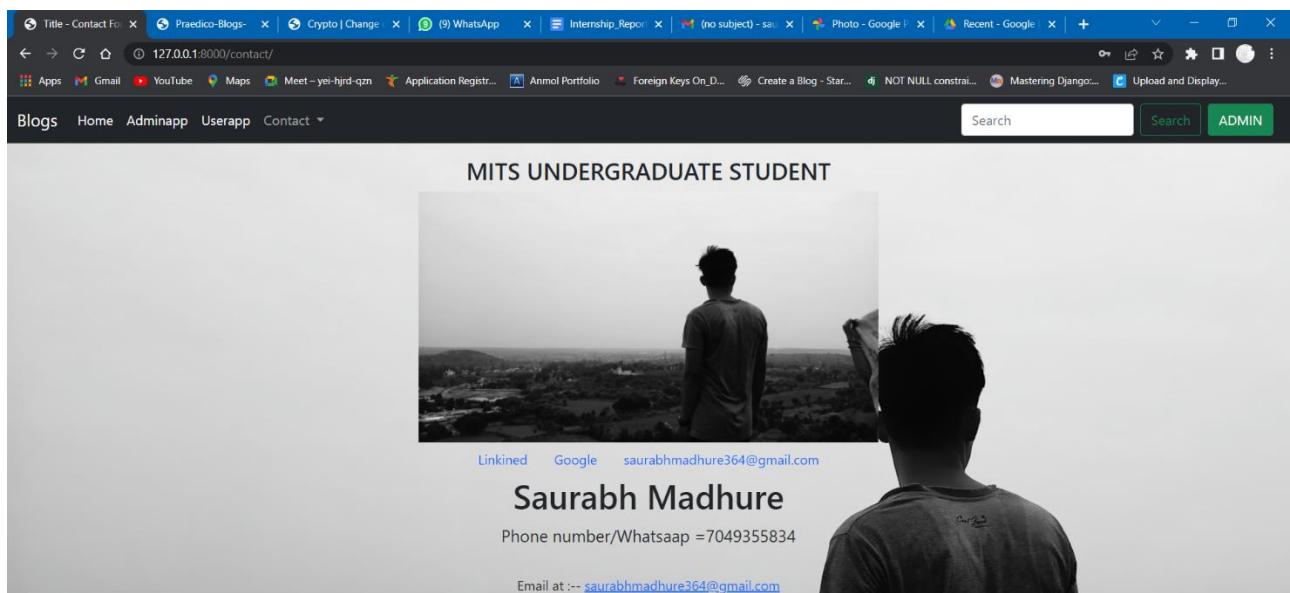


Fig 1.4

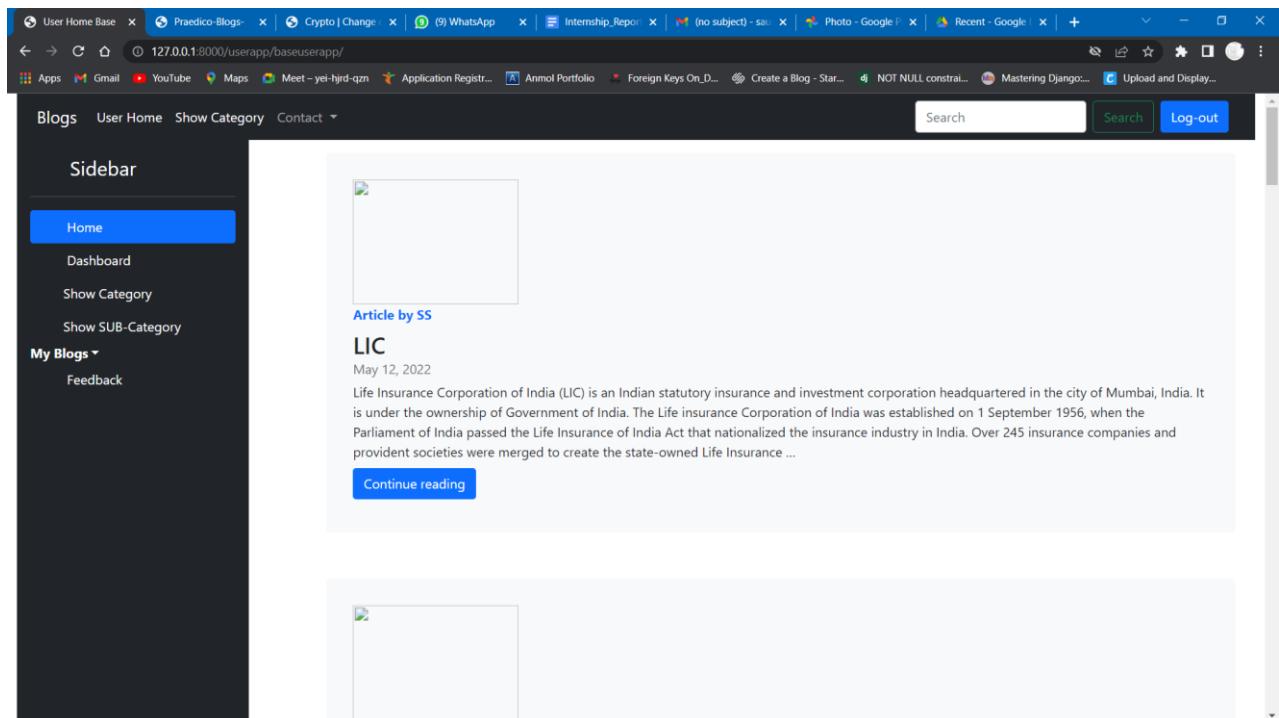


Fig 1.5

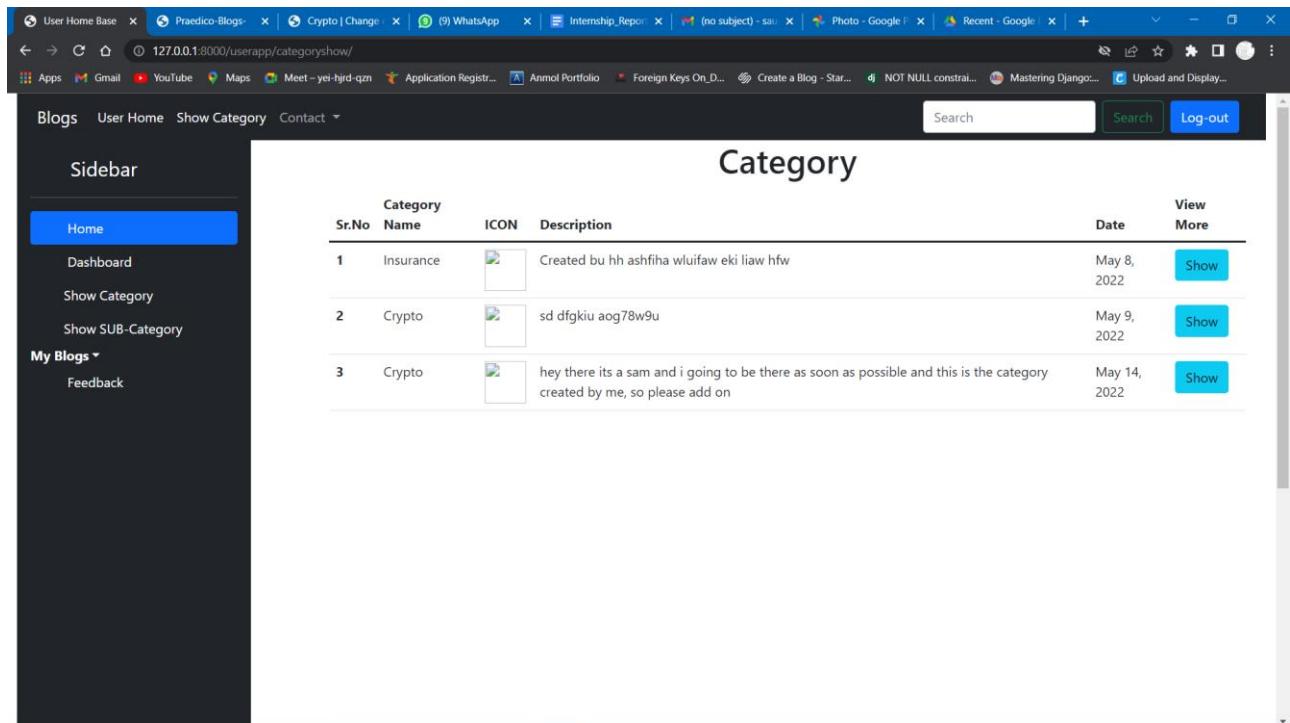


Fig 1.6

Sr.No	Category	Sub-Category	Icon	Desc	Author	Date	View More
1	LIC	LIC		Life Insurance Corporation of India (LIC) is an I...	SS	May 12, 2022	Show
2	Smartphones	company		scname = request.POST.get('scname')	saurabh	May 9, 2022	Show
3	Insurance	Samsung		Dbisd gisldl isdlhbsdsdbyi sgbusdbsdidvbsdvoyaik...	Ritesh	May 12, 2022	Show
4	Crypto	Samsung		sdad fgaw awfiuila hlu eahulh liuewha fliewfh hoe...	Tanmay Madhure	May 14, 2022	Show

Fig 1.7

Category

BlogTitle

BlogImage  No file chosen

blogdesc

Date

Date

Author Name

Fig 1.8

**Contact Form**

Name  
Enter Your Name

Mobile  
Enter Your Mobile

Email  
Enter your email

**Close** **submit**

Fig 1.9

**Manage Blogs**

Sr.No	Sub-Category	Blog	Icon	Desc	Author	Date	View	Update	Delete
1	Saurabh	abab		Suppose you've added more than 500 blog posts on ...	asdfg	May 18, 2022, 6:18 p.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
2	Smartphones	Vivo		Suppose you've added more than 500 blog posts on ...	sam	May 18, 2022, 7:12 p.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
3		asdfghjklcvbnm		Suppose you've added more than 500 blog posts on...		May 19, 2022, 1:16 a.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
4	Smartphones	oppo		Suppose you've added more than 500 blog posts on ...	SAURABH	May 19, 2022, 1:16 a.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
5	LIC	fund		Suppose you've added more than 500 blog posts on ...	prasoon	May 19, 2022, 1:16 a.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
6		999		Suppose you've added more than 500 blog posts on...	SAURABH	May 19, 2022, 2:43 a.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
7		999		Suppose you've added more than 500 blog posts on...	SAURABH	May 19, 2022, 8:57 a.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>
8		Etherium		Suppose you've added more than 500 blog posts on...	Sam	May 20, 2022, 11:01 p.m.	<b>Show</b>	<b>Update</b>	<b>Delete</b>

Fig 1.10

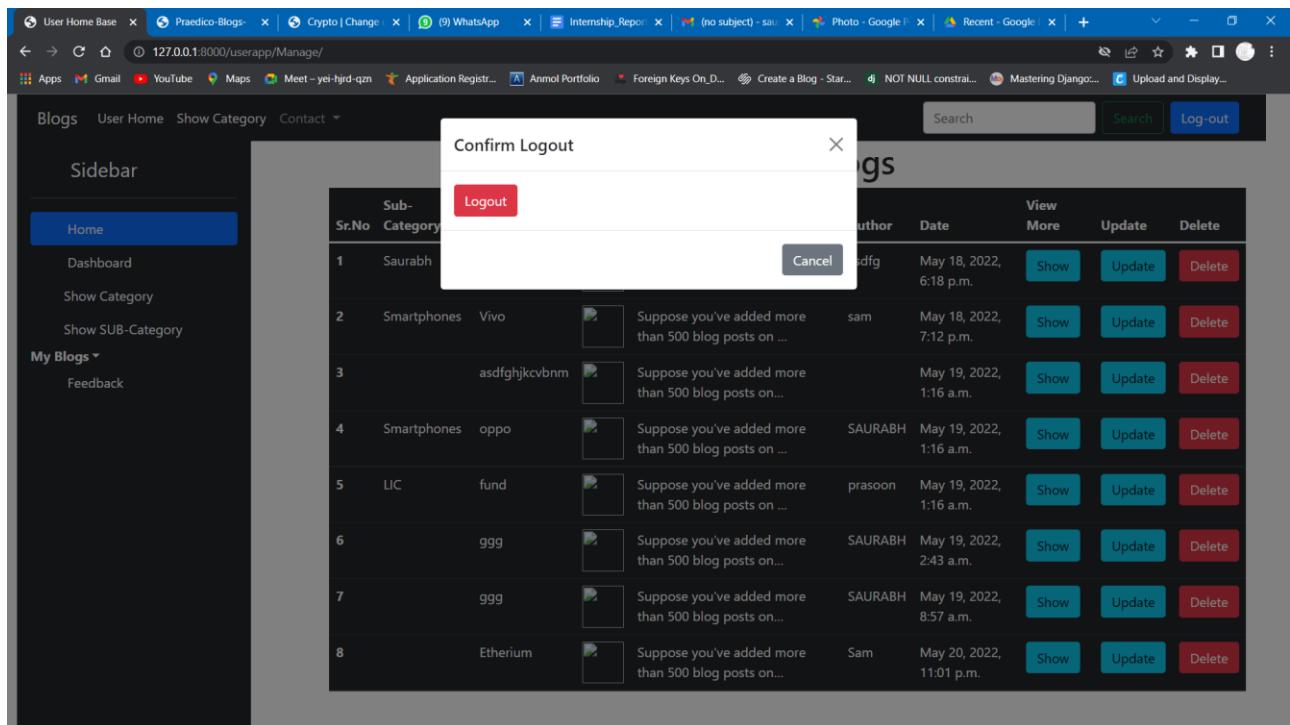


Fig 1.11

## 2.Admin Panel

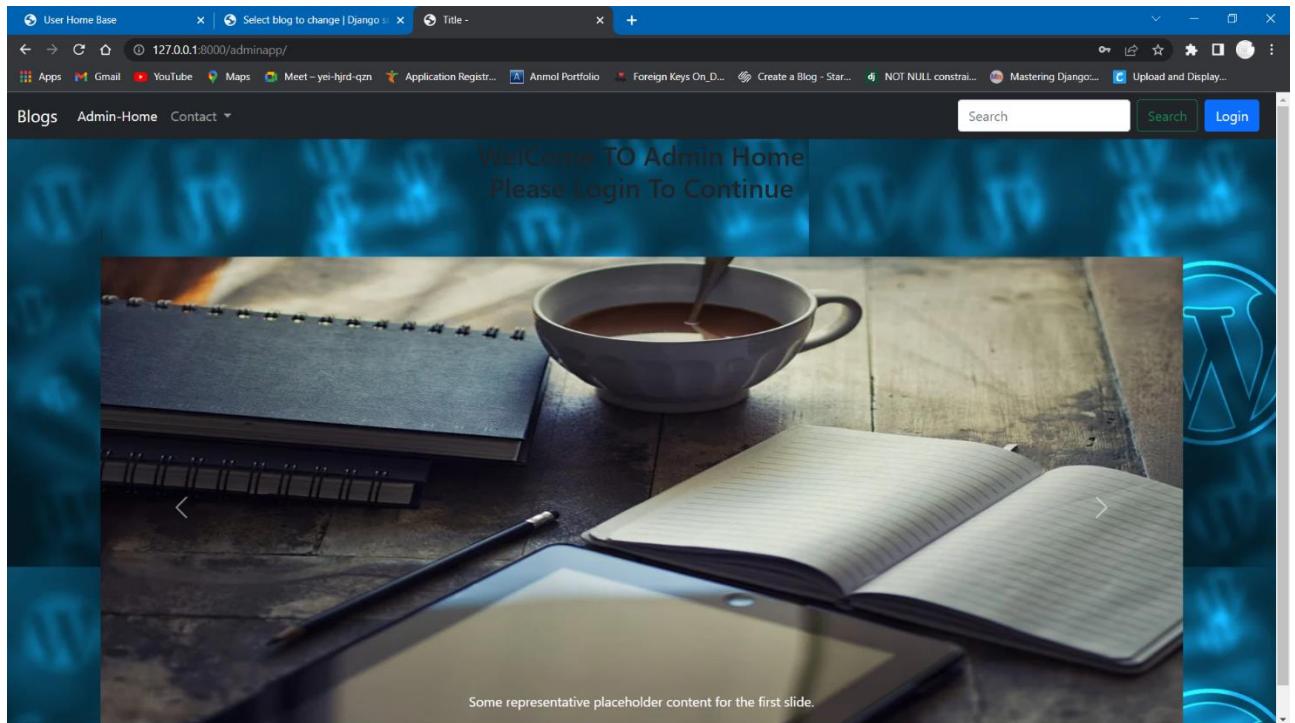


Fig 2.1

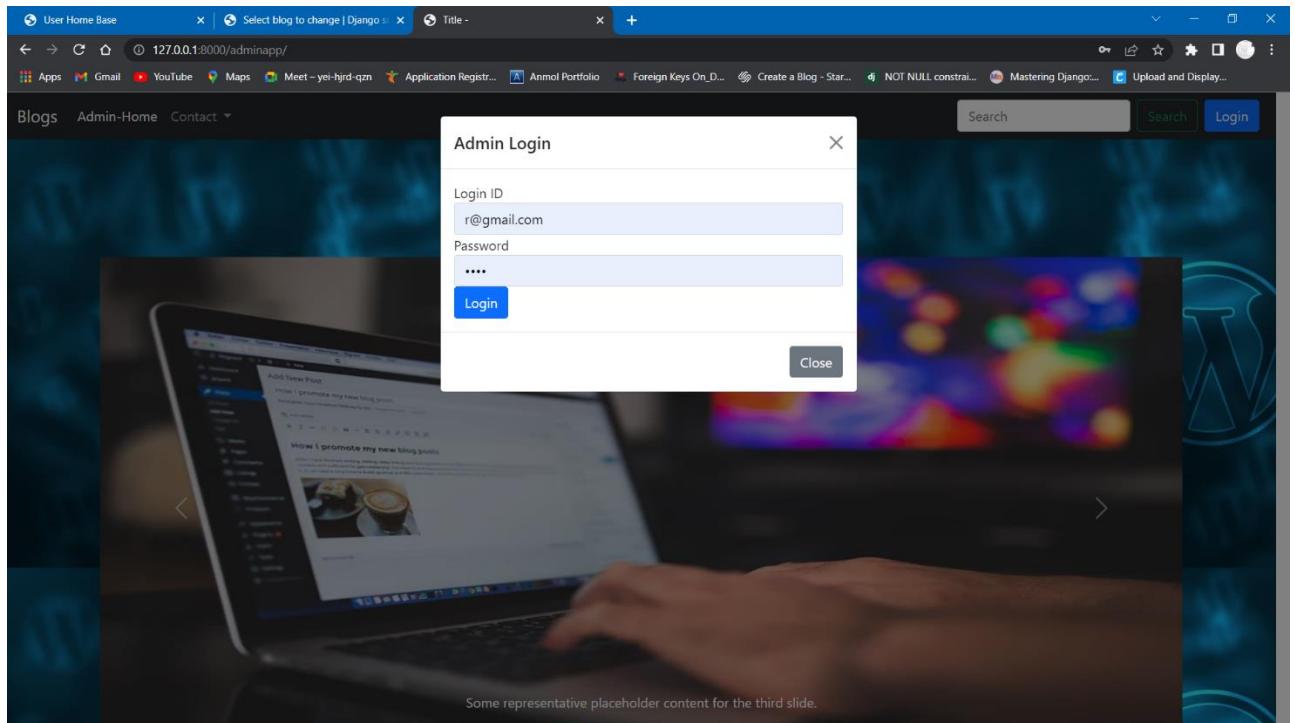


Fig 2.2

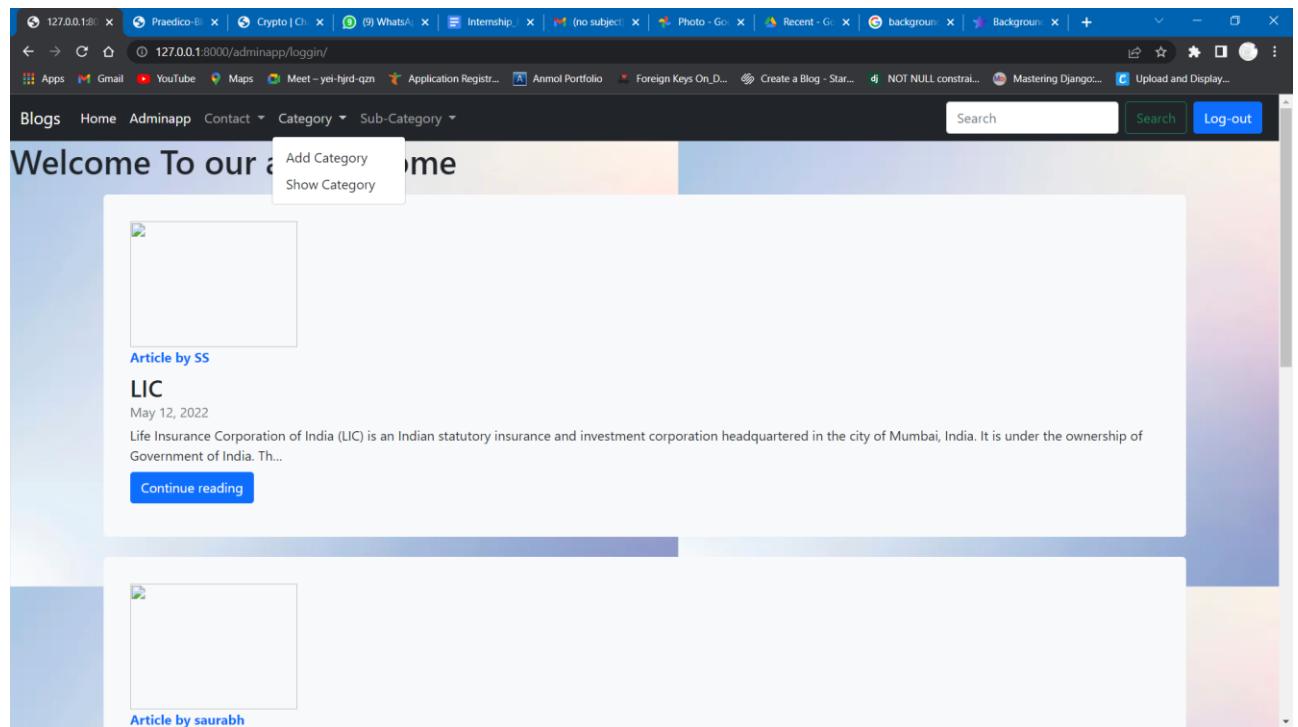


Fig 2.3

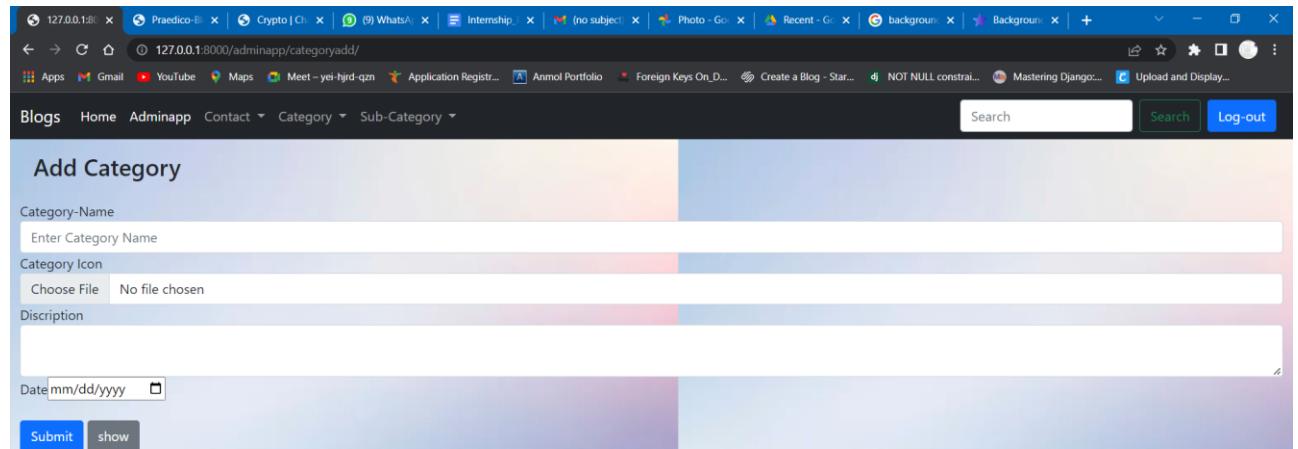


Fig 2.4

127.0.0.1:8000/adminapp/categoryshow/

Blogs Home Adminapp Contact Category Sub-Category

Search Log-out

### Category

Sr.No	Category Name	ICON	Description	Date	Update	Delete
1	Insurance		Created bu hh ashfiha wlufaw eki liaw hfw	May 8, 2022	<a href="#">Update</a>	<a href="#">Delete</a>
2	Crypto		sd dfgkiu aog78w9u	May 9, 2022	<a href="#">Update</a>	<a href="#">Delete</a>
3	Crypto		hey there its a sam and i going to be there as so...	May 14, 2022	<a href="#">Update</a>	<a href="#">Delete</a>

Fig 2.5

127.0.0.1:8000/adminapp/subcategoryadd/

Blogs Home Adminapp Contact Category Sub-Category

Search Log-out

### Subcategory Add

Category Name  
Insurance

Sub Category Name  
Enter Sub Category Name

Icon

Choose File No file chosen

Slug

Author Name  
Enter Your Name

Sub Category Description

Submit

Fig 2.6

127.0.0.1:8000/adminapp/subcategoryshow/

Blogs Home Adminapp Contact Category Sub-Category

Search Search Log-out

### Show Sub Category

Sr.No	Category	Sub-Category	Icon	Desc	Date	Update	Delete
1	LIC	LIC		Life Insurance Corporation of India (LIC) is an I...	May 12, 2022	<a href="#">Update</a>	<a href="#">Delete</a>
2	Smartphones	company		scname = request.POST.get('scname')	May 9, 2022	<a href="#">Update</a>	<a href="#">Delete</a>
3	Insurance	Samsung		Dbisd gisld isdlhbsdsdbi sqbusdbsdidvbsdvoysaik...	May 12, 2022	<a href="#">Update</a>	<a href="#">Delete</a>
4	Crypto	Samsung		sdad fgaw awfiuula hlu eahuhliuewha fliewfh hoe...	May 14, 2022	<a href="#">Update</a>	<a href="#">Delete</a>

Fig 2.7

127.0.0.1:8000/adminapp/subcategoryupdate/?scname=LIC

Blogs Home Adminapp Contact Category Sub-Category

Search Search Log-out

### Category Update Form

Category Name  
Enter Category Name

Sub-Category Name  
Enter Category Name

Category Icon  
Choose File No file chosen

Category Description

Author Name

Submit

- Sucesgully Loginned

Fig 2.8

## **CONCLUSION :**

Front-end tools are simple to pick up. Creating a responsive website has become simple because to the advent of style frameworks like Bootstrap. Python is a simple language that serves both programmers and non-programmers who wish to learn how to code. We don't have to create the entire code because of the vast number of built-in libraries and modules, which saves time and human effort. Django is a big framework that comes with everything, whether we need it or not. As a result, it is seen to execute slowly, although Django's flexibility is a significant benefit.

Our effort is only an attempt to suit their project management needs. Other user-friendly coding schemes have also been devised. This bundle will show to be quite effective in meeting all of the needs. The purpose of software planning is to provide a framework for managers to develop reasonable estimates within a certain time frame at the outset of a software project, and to keep track of those estimates over time. As the project develops,, it should be updated on a regular basis. We've crammed in as many features as we can to make the site feasible and functional, as well as a web application that's easy to use for anyone who wants to start a blog. Our suggested solution is an online, real-time Internet-based system. Users can read and write on our website. Users may add, see, remove, and change their own blog articles after logging in and registering.

## **REFERENCES**

- [www.google.com](http://www.google.com) (for problem solving)
- [www.getbootstrap.com](http://www.getbootstrap.com)
- <https://en.wikipedia.org>
- <https://docs.djangoproject.com/en/4.0/> (Django documentation)



## FPR

### FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Saurabh Modhure		Department	CSE	
Industry/Organization	PGR		Date/Duration	10/01 - 31/01	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work				✓	
Learning capacity/Knowledge up gradation			✓		
Performance/Quality of work			✓		
Behaviour/Discipline/Team work			✓		
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic	HTML, CSS, Java Script.				
OVERALL GRADE (Any one)	POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT				
Name of Industry Mentor	Pushkar Igoyal				
Signature of Industry Mentor	Pushkar				

Receiving Date		Name of Faculty Mentor	Amit Kumar Manjwani	Sign	
----------------	--	------------------------	---------------------	------	--



**FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR**

Name of student	Daurabh Madhure		Department	CSE	
Industry/Organization	PGR		Date/Duration	01/02/22 - 15/02/22	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work				✓	
Learning capacity/Knowledge up gradation			✓		
Performance/Quality of work			✓		
Behaviour/Discipline/Team work			✓		
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic	DBMS, Python Basics.				
OVERALL GRADE (Any one)	POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT				
Name of Industry Mentor	Pushkar Goyal				
Signature of Industry Mentor					

Receiving Date		Name of Faculty Mentor	Amit Kumar Manjwar	Sign	
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Date:

**FORMAT**

**FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR**

Name of student	<i>Saurabh Modhure</i>		Department	CSE	
Industry/Organization	<i>PGR</i>		Date/Duration	16/02/22 - 28/02/22	
<b>Criterion</b>	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work				✓	
Learning capacity/Knowledge up gradation			✓		
Performance/Quality of work			✓		
Behaviour/Discipline/Team work				✓	
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic					
<b>OVERALL GRADE (Any one)</b>	<b>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</b>				
<b>Name of Industry Mentor</b>	<i>Rushkar Goyal</i>				
<b>Signature of Industry Mentor</b>	<i>Rushkar Goyal</i>				

Receiving Date		Name of Faculty Mentor		Sign	
----------------	--	------------------------	--	------	--

*Saurabh*

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Date:

**FORMAT**

**FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR**

Name of student	<i>Saurabh Madhure</i>		Department	CSE	
Industry/Organization	P.G.R		Date/Duration	1/03 - 15/03	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic	Boot - Strap, Django [start app, start project, running server] File handling, Database connectivity .				
<u>OVERALL GRADE (Any one)</u>	<u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u>				
<u>Name of Industry Mentor</u>	<i>Bushkar Goyal</i>				
<u>Signature of Industry Mentor</u>	<i>Bushkar</i>				

Receiving Date		Name of Faculty Mentor	Amit Kumar Mentor	Sign	
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*Saurabh*

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Date:

**FORMAT**

**FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR**

Name of student	Saurabh Mehduse		Department	CSE	
Industry/Organization	P.G.R		Date/Duration	16/03 - 31/03	
<b>Criterion</b>	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic	working on Project using Django.				
<b>OVERALL GRADE (Any one)</b>	POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT				
<b>Name of Industry Mentor</b>	Pushkar Goyal				
<b>Signature of Industry Mentor</b>	Pushkar				

Receiving Date		Name of Faculty Mentor	Amit Kumar Manjwary	Sign	
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Date:

**FORMAT**

**FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR**

Name of student	Saurabh Modhuse		Department	C.S.E	
Industry/Organization	P.G.R		Date/Duration	1 April - 15 April	
<b>Criterion</b>	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	Working on Project.				
<b>OVERALL GRADE (Any one)</b>	<u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u>				
<b>Name of Industry Mentor</b>	Pushkar Goyal				
<b>Signature of Industry Mentor</b>	Pushkar				

Receiving Date		Name of Faculty Mentor	Prof Amit Kumar Manjrekar	Sign	
----------------	--	------------------------	---------------------------	------	--



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Date:

**FORMAT**

**FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR**

Name of student	Sourabh Madhure		Department	C.S.E	
Industry/Organization	P.G.R		Date/Duration	16 April - 30 April	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	Working on Project [Authentication & Authorization using Django]				
<u>OVERALL GRADE (Any one)</u>	<u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u>				
<u>Name of Industry Mentor</u>	Pushkar Goyal				
<u>Signature of Industry Mentor</u>	Pushkar				

Receiving Date		Name of Faculty Mentor	Prof Amit Kumar Manjrekar	Sign	
----------------	--	------------------------	---------------------------	------	--

