Business Website for Vb solutions Ltd.

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ABSTRACT

Business website for Vb Solutions Ltd. (Nashik) consist of different modules based on the services they provide. We created this site because the old website was fully static and not user friendly and there were lot of bugs .New website is user friendly and responsive. We have developed this site using Django framework and the website consists of a separate section for the student blog. The Vb solutions blog section is specially designed for people or students who like to stay updated with the latest new technologies.

Keyword: *Django, framework,*

1. Introduction

The proposed website is an effective replacement of the current website improvements in overall site usability, appearance. This will give a better outlook of the company to the site visitors. It contains all the information in a structured manner, so that the visitors can access the site easily. We develop a whole new website in Django. All the front-end components on patent's and IoT's web pages will be dynamic or mutable. We have also developed a blog page from where people will get the latest updates and technological content. Websites are designed to manage and store project information used as web-based applications. By different groups of people such as, seals department, programmers or project managers will be let by project applications a controlled access to information and automated distribution of information. The objective for collaboration has been: getting things done faster, cheaper and better by applying their common knowledge, bringing together a selection of resources and attainments in a project.

1.1 Objective:

The objective of this website is to provide all the information about services provided by Vb solutions Ltd. to the people or visitors .One of the motives of this is blogging. Blogging has become such a mania that a new blog is being created every second of every minute of every hour of every day. A blog is your best bet for a voice among the online crowd. Blogs were usually the work of a single individual, occasionally of a small group, and often covered a single subject. The main aim of this project is to provide data to students in only one site. Students can gather the information from one site as well as give their feedback and create their own blog. Students can post their views and thoughts and analyze themselves. Besides all such core functionalities, the application also includes features like request, feedback etc. so as to provide a satisfactory user experience.

2. Literature Review:

Blogs place a special focus on learners' writing mechanics, energize them, and provide them with greater classroom writing dynamics. Blogging is an excellent way for learners to communicate with one another in a socially based context through technology (Lamonica, 2010, p. 5). Using blogs makes learners' writing more participatory and more focused on everyday language use (Penrod, 2007; Boling, 2008; Higginson, 2009; Stanley, 2013). Research

studies reveal that blogs play a considerable role in improving learner reflection, classroom dialogue and social networking (Ray & Hocutt, 2006; Khourey-Brown, 2005; Efimova & de Moor, 2005). Blogs also enhance the writing skills of elementary, intermediate and secondary school students (Glewa & Bogan, 2007; Lomicky & Hossain, 2008). The aim of this research paper is to investigate the effectiveness of online blogging for students' individual and group writing skills. The paper also explores how blogs can help students to develop their writing skills in non-traditional ways, which can in turn add a great value to writin pedagogy and methodology.

When engaged in academic blogging, writers can develop and nourish their community through collaboration (Miller and Shepherd, 2004). Inasmuch as humans are born with an innate desire to learn in a social setting involving collaborative practices, literacy involves all socializing practices that begin at home and are later developed by further communication with others, and blogging is a case in point (Lamonica, 2010, p. 5). When blogging is used in classroom, it helps learners to be active members of a community characterized by its constant changing rhythm, where knowledge is built up within a large sociocultural system (Larson & Marsh, 2005). This makes a quantum leap in teaching writing, with a shift from traditional methods such as teacher-centered and student-centered methods to a learning-centered method. This means that optimally learning takes place through participation and collaboration in a sociocultural context mediated by instruction. For undergraduate students, blogging is a key to learning, as they share ideas, socialize, communicate, debate, discuss and better express their ideas when they see those of their classmates, and vice versa. Upper-elementary teachers reported a lack of preparation for teaching writing (Gilbert & Graham, 2010) due to the short 15-minutetime period. Given such time constraints, teaching metacognitive thinking skills relating to writing ideas and writing development is impossible (Kixmiller, 2004). It is also good to know one's reader and that reader's interpretation of the blogging-based writing material. This is a real challenge for students learning writing skills through blogging activities (Kellogg, 2008).At the undergraduate stage; students must take their writing ideas and their reader's possible interpretation(s) into consideration. With their readers in mind, students writing through blogging can imagine their audience's point of view and thus can revise and improve their ideas and writing style (Holliway & McCutchen, 2004).

As practical tools, blogs create wonderful opportunities in an EFL environment both for teachers and for learners (Aydin, 2014). The use of blogging in writing classes could help students improve their writing performance when they receive well-organized instructions (Wu, 2005). In a research study conducted by Vurdien (2013), the results revealed that the use of blogs by teachers helped students improve their writing ability and write better in specific tasks. Blogs also fostered collaboration among students, and the use blogging played a positive role in understanding how the learners' feedback can be effective. A research study was conducted to examine the effects of extensive writing. The study used different stages of blog entries written by the participants sampled for the same study. The results showed that blogs could play a useful role in improving students' writing performance through motivating them and enhancing what is known as learner autonomy in boosting writing skills (Sun, 2010).

3. Proposed System

The proposed system contains all requirements for a perfect company website with all necessary details. We hope for achieving a better alignment the proposed website is an effective replacement of the previous website with improvements. It contains all the information in a structured manner.
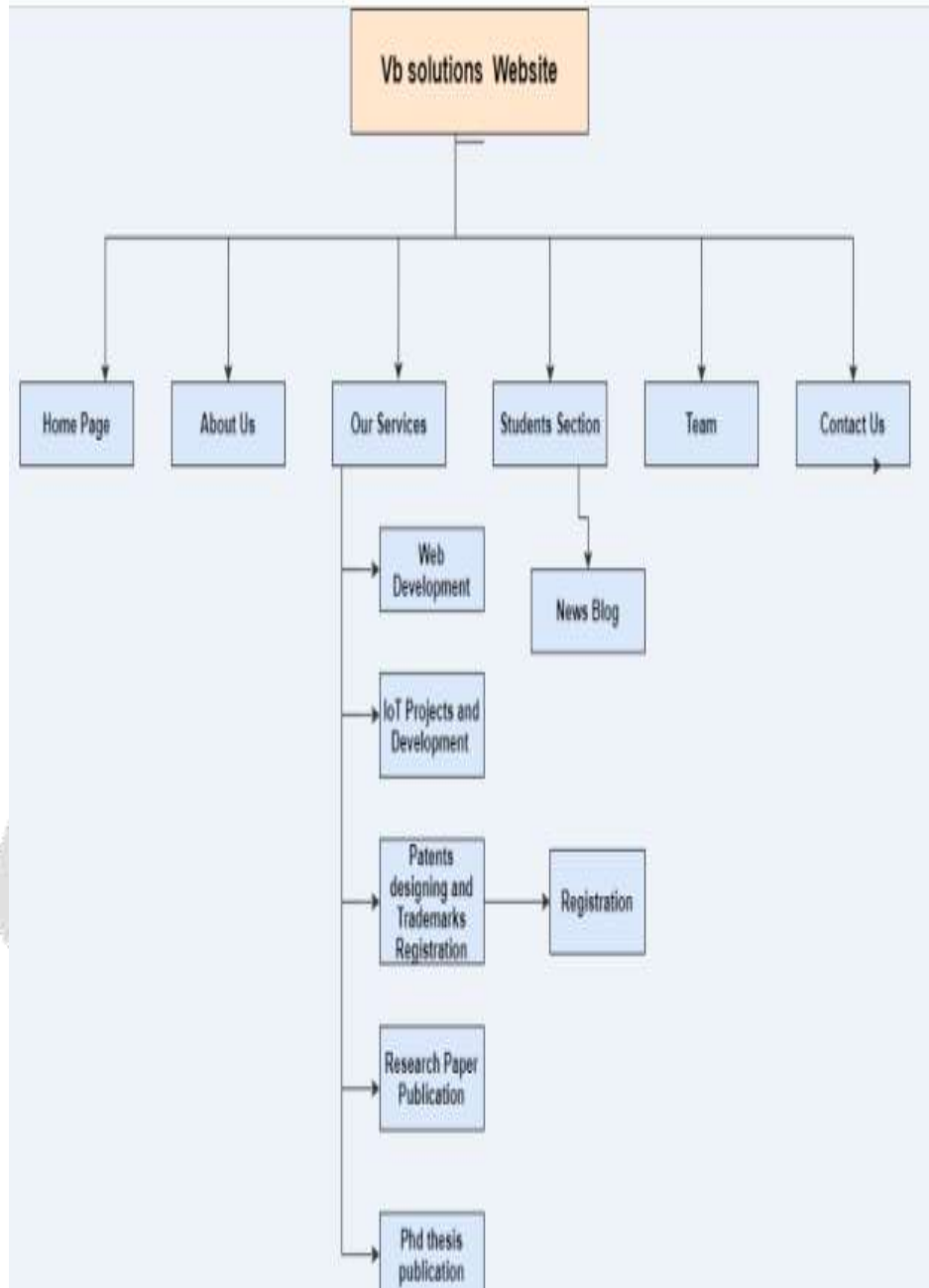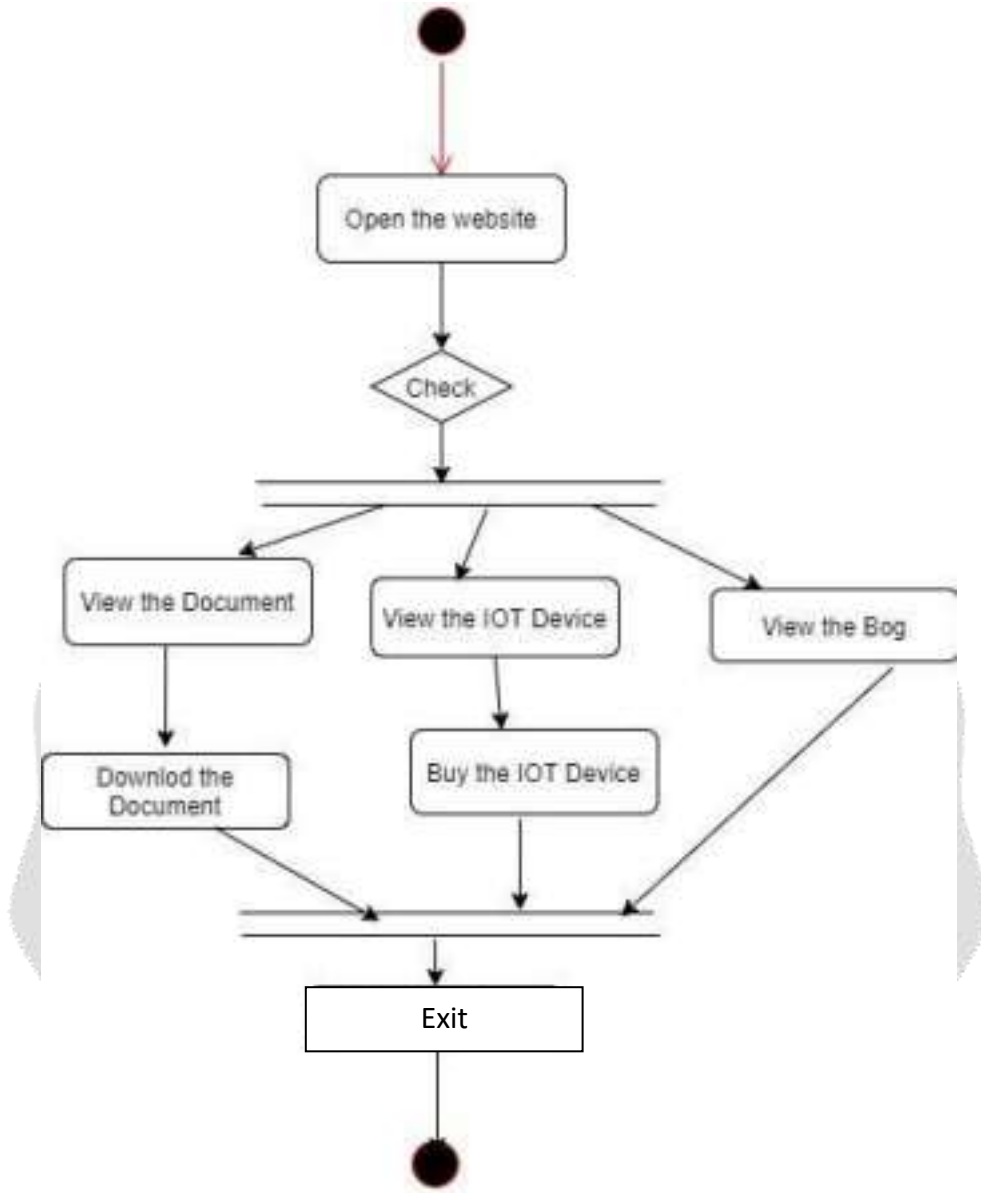
Figure-1: Proposed System

Figure-2: Work flow Diagram

4. **Result and Discussion:**

Figure 4.1: https://www.vbsolutionsltd.com/
Vb Solutions Ltd. (Home page) Home page consists of all the basic information about all services provided by this company.

Figure 4.2: (Patent page):
This page contains information about one of the major services provided by Vb Solutions Ltd. and

process of filing a patent.

Figure 4.3: (IOT service page):
This page contains information about one more major services i.e. IOT services provided
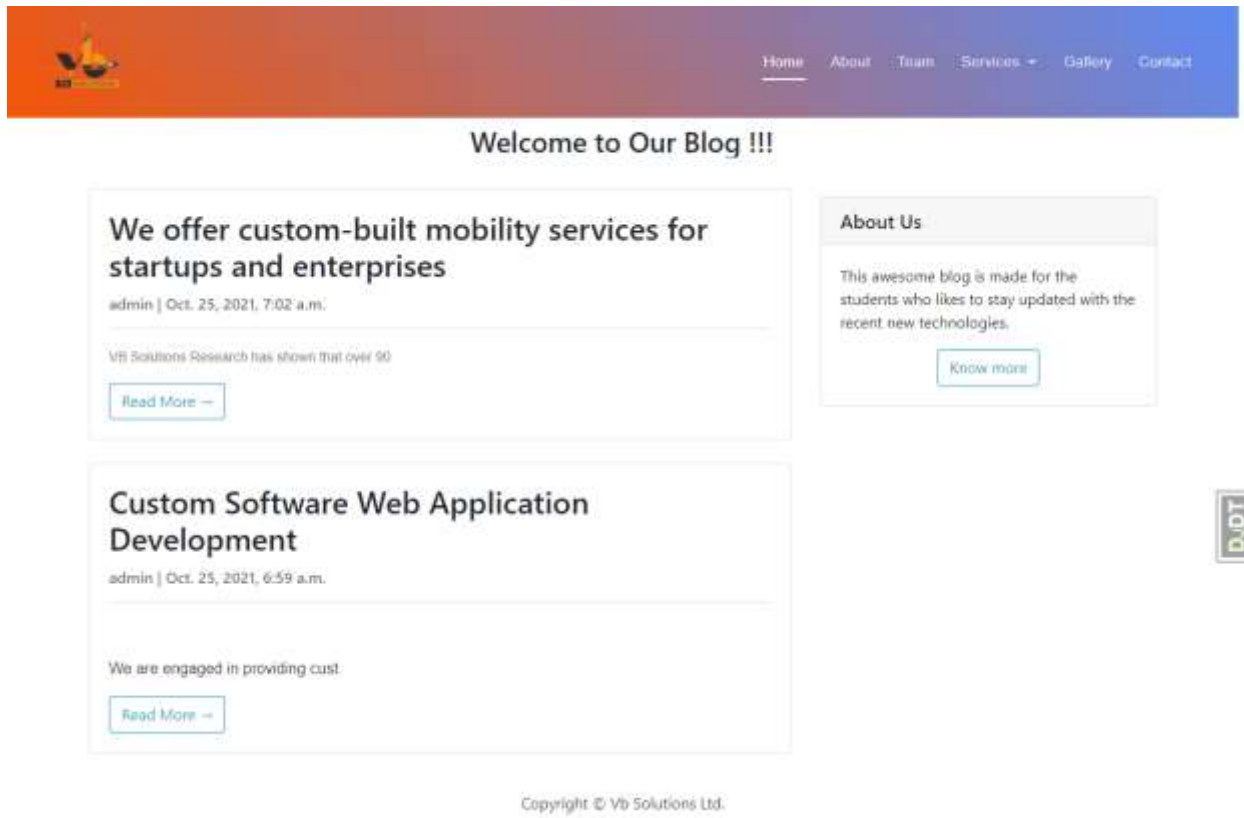by Vb Solutions Ltd.

Figure 4.4: (Blog Page)

Blog page is one of the most important web modules of the website. This is a dynamic web blog which can be managed by the Django administration admin panel
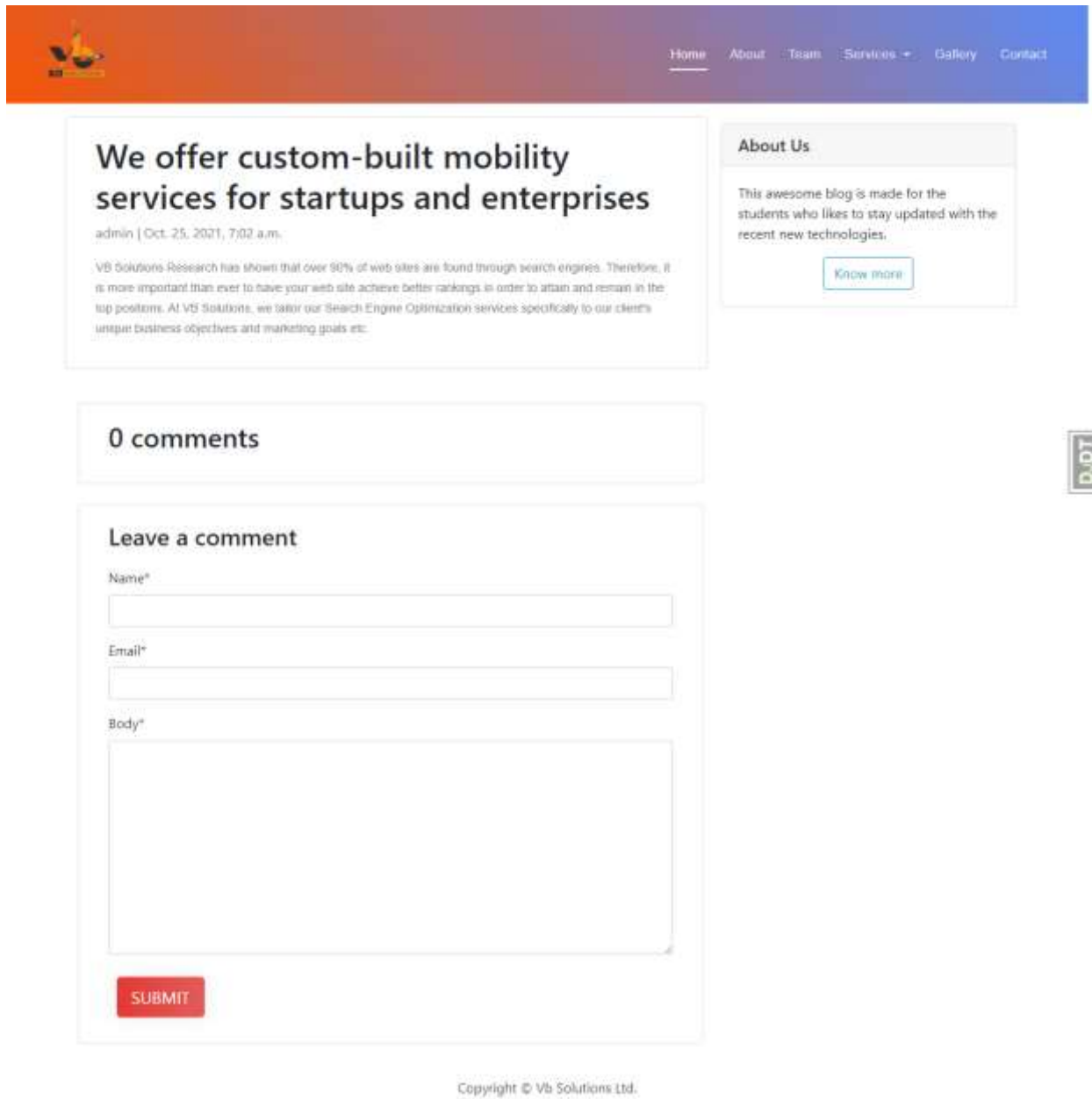
Figure 4.5: (Post Details Page)

By clicking on the "Read more" button of any post on the main blog page you can view that selected post in detail. You can also add comment to that post.
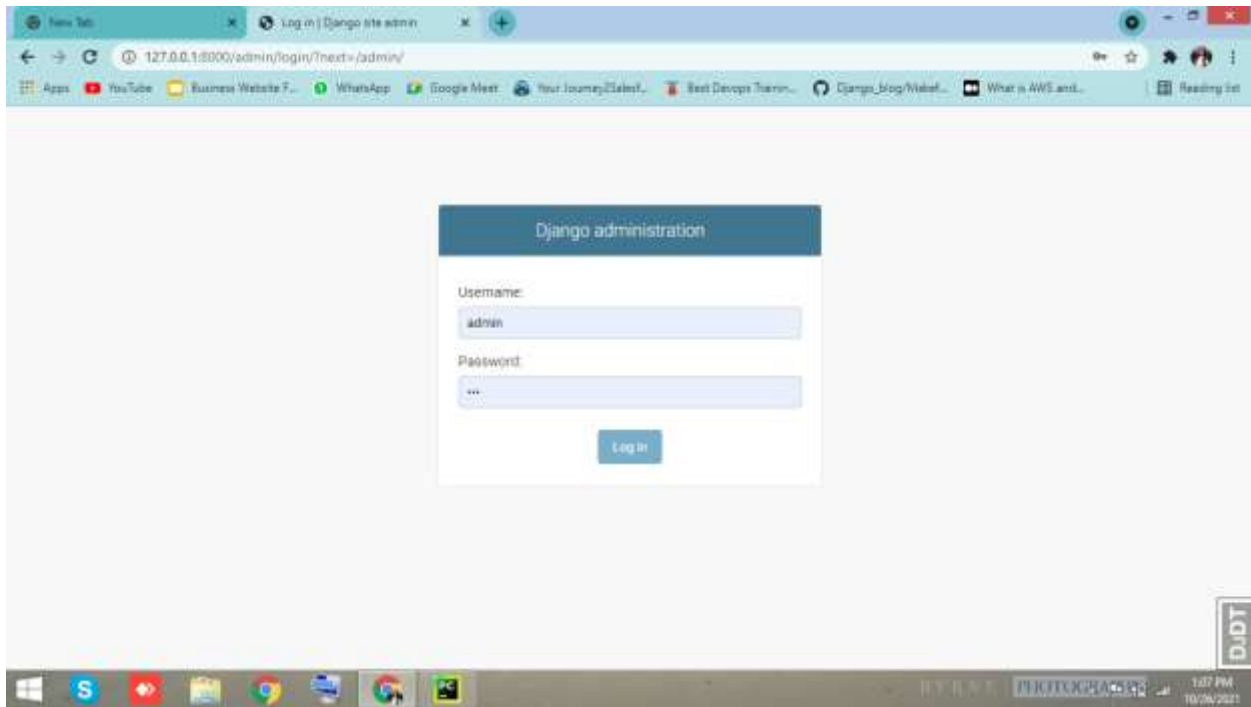
Figure 4.6 :(Django Administration):

One of the most powerful parts of Django is the automatic admin interface. It reads metadata from your models to provide a quick, model-centric interface where trusted users can manage content on your site.
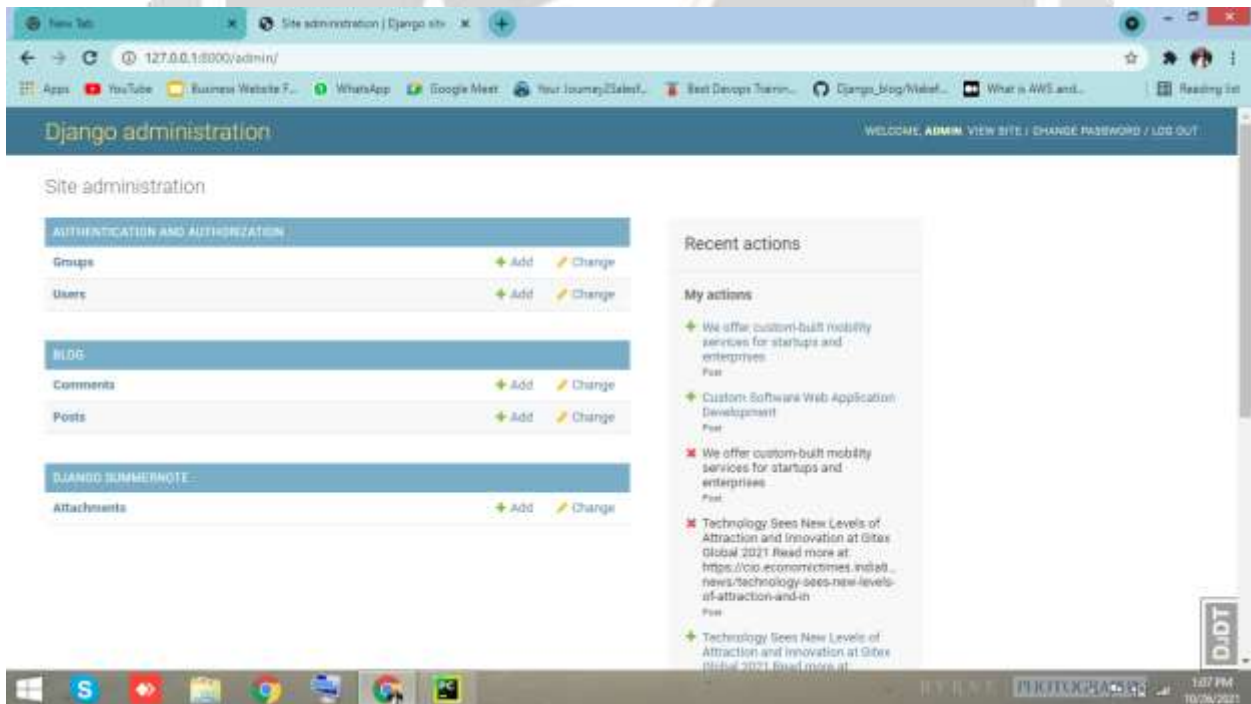

Figure 4.7: (admin interface):

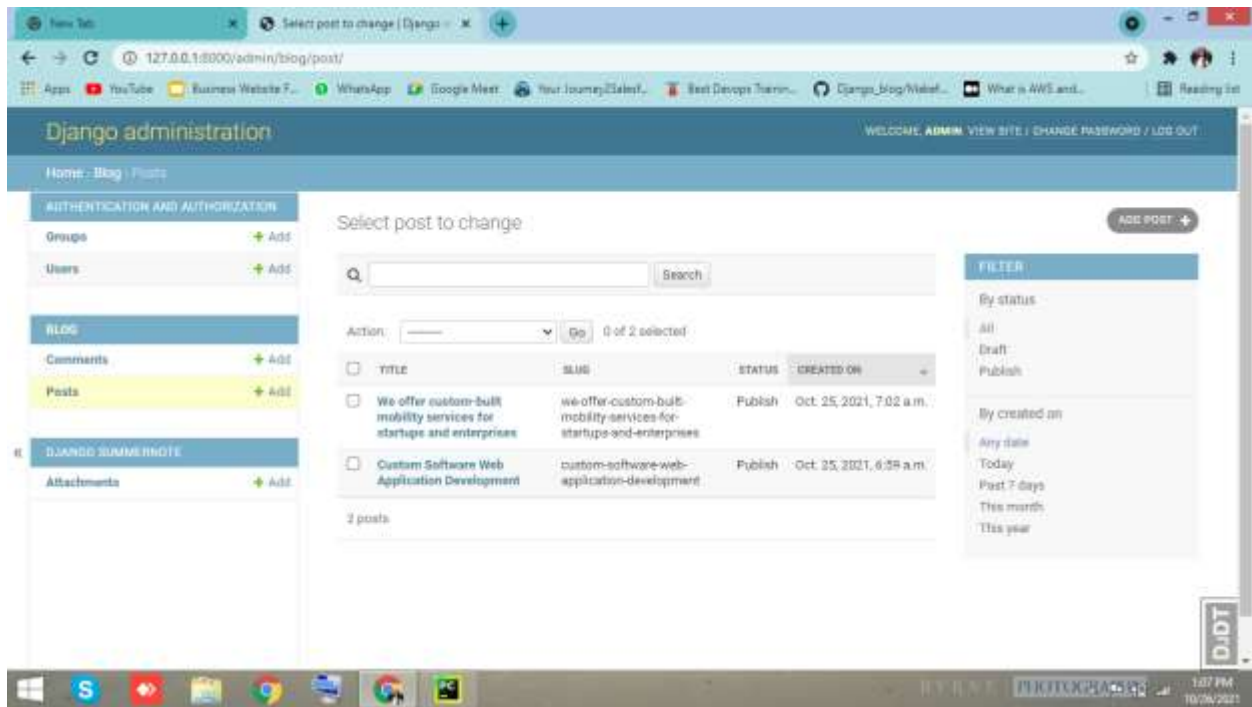From here you can manage your posts, user, groups and comments very efficiently.

Figure 4.8: (Add post panel):
To add a new post to the blog page you will have to click the "Add Post" button on the top right corner.

Figure 4.9: (Add or Edit post):

Here you can edit or add your blog post by adding appropriate title, description , author and post status into the respective form fields. After publishing or saving the post you can view the updated blog page.

5. CONCLUSIONS

The beautiful thing about responsive retrofitting projects and what can also make them look so scary is the number of improvements that can be validated by the need to make your site's experience better on any device. As professional web designers and developers, we often know perfectly well what our sites need in order to be greatly improved. In this paper, we have proposed using flow as a fundamental notion underlying understanding of activities in Web Services. We introduce a flow-based conceptualization of services through case studies with a high-level business description. It can be concluded that flow-based conceptualization promises to provide.

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7. Future Work

- Can be converted into Single page application.

- Chit-Bot and Voice – assistant, etc can be integrated.

- We can give more advanced software for Online

- Blogging System Includingmore facilities.

- We will host the platform on online servers to make it accessible worldwide.Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of thedatabase queries
- Implement the backup mechanism for taking backup of codebase anddatabase on regular basis on different servers

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