“ESTATEWORKS”

AN INTERNSHIP REPORT

Submitted by

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190560107009

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

COMPUTER ENGINEERING

GROW MORE FACULTY OF ENGINEERING

HIMATNAGAR(383001)

Gujarat Technological University, Ahmedabad

JUNE,2022

GROW MORE FACULTY OF ENGINEERING

Ahmedabad-Udaipur Highway

Himatnagar, Gujarat 383001

CERTIFICATE

This is to certify that the project report submitted along with the project entitled **Internship** has been carried out by **Rathod Raviraj Pravinsinh** under my guidance in partial fulfillment for the degree of Bachelor of Engineering in COMPUTER ENGINEERING, 7th Semester of Gujarat Technological University, Ahmadabad during the academic year 2021-22.

Sign	Sign
Asst. Prof. Deep Joshi	Prof. Megal Prajapati
Internal Guide	Head of the Department

CERTIFICATE

techmicra

CERTIFICATE

This is to certify that **Mr. Rathod Raviraj P (Enrollment No. 190560107009) 7th** Semester **Grow More Group of Institutions,** Department of Computer Engineering has successfully completed his internship and task work at "Techmicra IT Solutions", Ahmedabad, during **20th June 2022 to 10th July 2022.**

As a part of the internship till now he has completed the Project entitled **" Estateworks"** in **Python Web Development** tasks under our companies' guidance

His understanding of problem context and technical knowledge for the tools used was up to the mark. During the project work, we found him sincere and the work done by him was commendable.

We wish him all the best in his future endeavors and hope that he will have a successful career.

Sincerely,

For,

techmicra IT Solutions

Techmicra IT Solutions

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Himatnagar, Gujarat 383001

DECLARATION

We hereby declare that the Internship / Project report submitted along with the Internship entitled **Internship** submitted in partial fulfillment for the degree of Bachelor of Engineering in COMPUTER ENGINEERING to Gujarat Technological University, Ahmedabad, is a bonafide record of original internship work carried out by me at Techmicra IT solutions Pvt. Ltd. under the supervisionof Pallav mamtora .

	Name of the Student	Sign of Student
1	RATHOD RAVIRAJ PRAVINSINH	_____

ACKNOWLEDGEMENT

Project would have not been possible without the help of many people that is why we would like to thank all of them for their help.

During this Project we got a good experience of real work, which is completely different from the academics. And this Project can be considered as the final step towards achieving the Bachelor degree. We arevery thankful to many people whohelped us during our training.

We express our gratitude to our College **GROW MORE FACULTY OF ENGINEERING** for giving this opportunity to undertake this training.

And last we convey our sincere thanks to **Prof. Megal Prajapati (HOD, Department of CE, GMFE)**, **Asst. Prof. Deep joshi (Internal Guide)** and other faculty members who the necessary help in the training. Besides this we would like to thank all those people who helped us in one or other way.

ABSTRACT

Estateworks is website made using Django Phython. First the user either logs in the website if he/she has already an account on the website.If he/she is a new user than there is an option of new registration.Estateworks particularly deals with buying of propertites..He/She can buy property at affordable ranges and at suitable environment available.Property searching will go easy with this website.When the user searches for a particular property in a particular area it will show an image of the property,interior images and many more details.There are many useful functions provided by website such as range selection,area selection,and square sectionetc…

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Overview

This Django “ESTATEWORKS” Project was built on the backend with the Python Django Framework and the frontend with HTML, CSS, and JavaScript. It provides login/registration facilities for users, as well as a user dashboard for viewing and registering for real estate.

Introduction

The goal of this chapter is to give an overview of the company and to describe some of the main terms used in our system, which is the “ESTATEWORKS”. The introduction gives an overview of the existing system, its need, the scope of work, and the various operating environment.

It has user authentication features for login/registration, as well as a user dashboard for displaying and registering for real estate. Estateworks project in Django is a full-stack Django website that offers a clean, descriptive, and interactive user interface for viewing and registering for real estate. It has responsive pages and tabs for home, about us, and featured listings.

Scope of System

Employees' manual effort is reduced each time, saving time. Provide a comprehensive web-based application for all of the company's assets. The system provides information on the transaction reports that are necessary for MIS. Every user login and transaction requires authentication and authorization. Because the suggested new approach is automated, many valuable hours are saved. To operate the program on a client machine, a complete web-based system is necessary. The system allows you to keep track of your budgeting and planning for the entire year. The scope of the project is the content that we include in it.

Proposed System

This chapter gives you an overview of the project I've worked on. It specifies the user requirements for the system to be developed, leading to our recommendation of a solution. We collect user requirements from our clients, therefore it's entirely focused on their needs.

Proposed System We are working on a computerized "ESTATEWORKS" that will meet all of the user's needs. The system is primarily intended to feed and retrieve data as and when it is needed. It takes less time because it is computerized. Security is provided in the form of a user login and password, ensuring that no unauthorized individuals have access to the information. Data and records are more accurate. Record sudation on a daily basis, i.e. Purchase orders, dispatch orders, daily accounting, and machine performance are just a few examples. Is kept up to date and on a regular basis.

Objectives of system

The main goal of the proposed system is to increase work speed and accuracy while minimizing time waste. To simplify the production of reports in accordance with specifications. To give users with a user-friendly system. It is possible to update the appropriate files. To deliver accurate and timely information retrieval. Asset management and optimum utilization. It's also menu-driven, making it simple to use and comprehend. Information security

Features (Admin side)

Features of Estateworks in Django in admin side:

- Login and Logout – Admins must login first to gain access to the system, and they can also logout.
- Users – can be managed by the admin, who can view, add, update, and delete their information.
- Contacts Management – The administrator can view, add, amend, and delete contact information.
- List – The admin can see, add, update, and delete listings in the listings section.

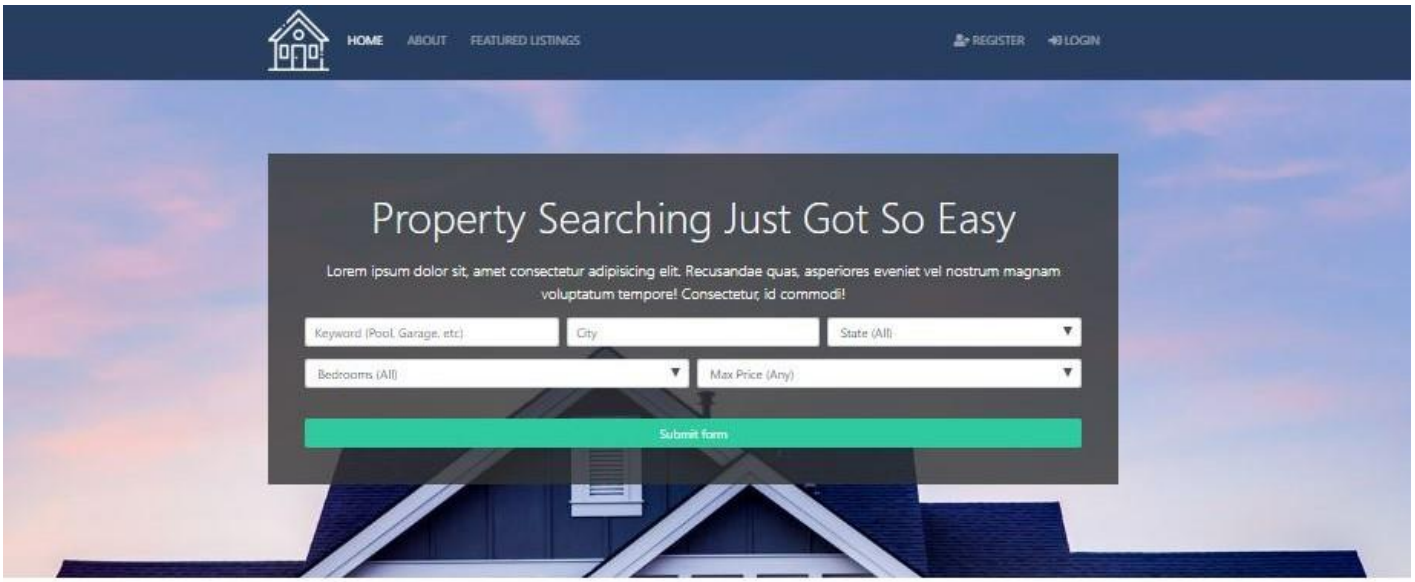
Features (User side)

Features of Estateworks in Django in user side:

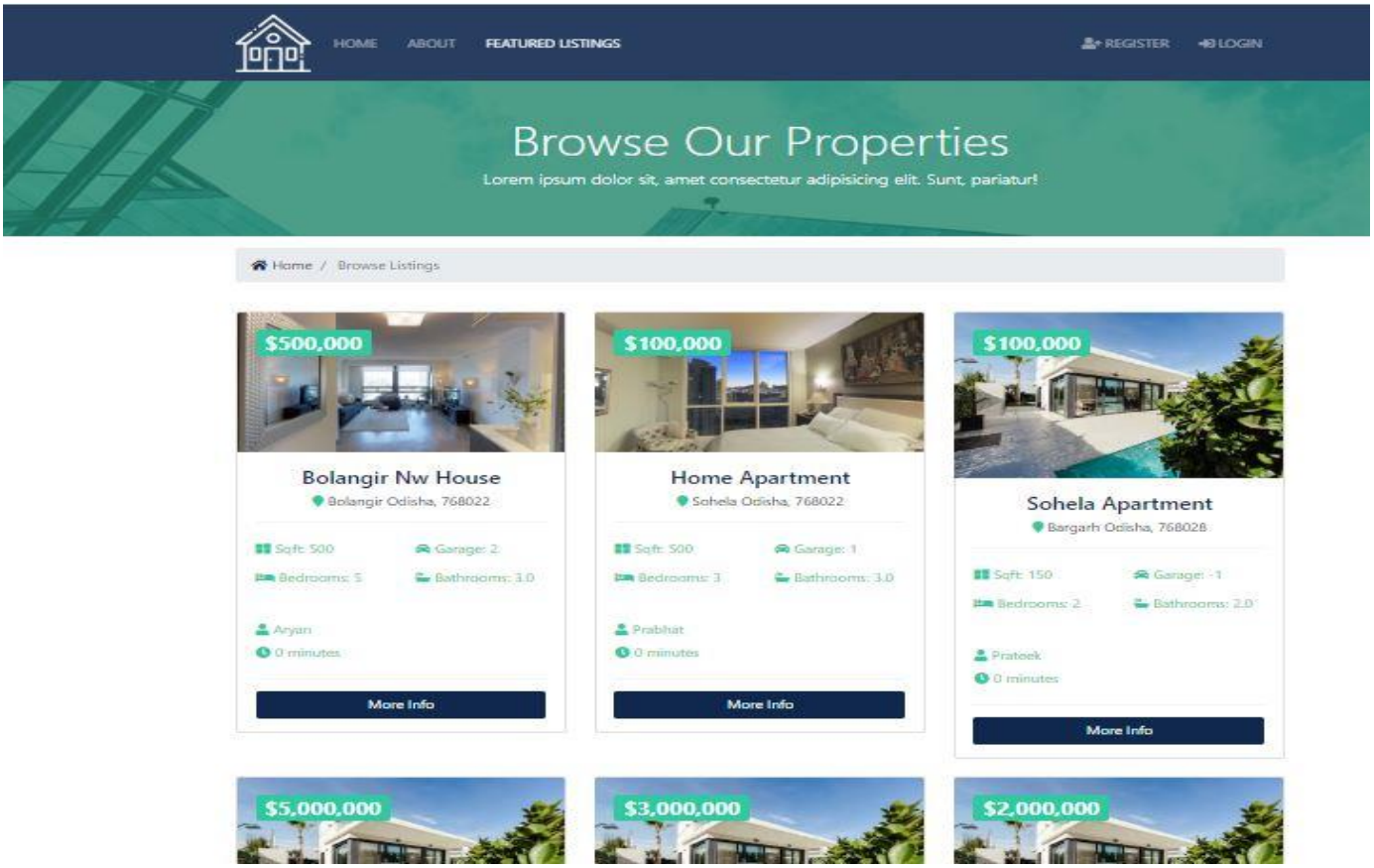
- Registration – Before logging into the system, the user must first register for an account.
- Login – To utilize the system, the user must first log in.
- Search – The user can search for a location, state, price, and number of bedrooms offered.

Screenshots

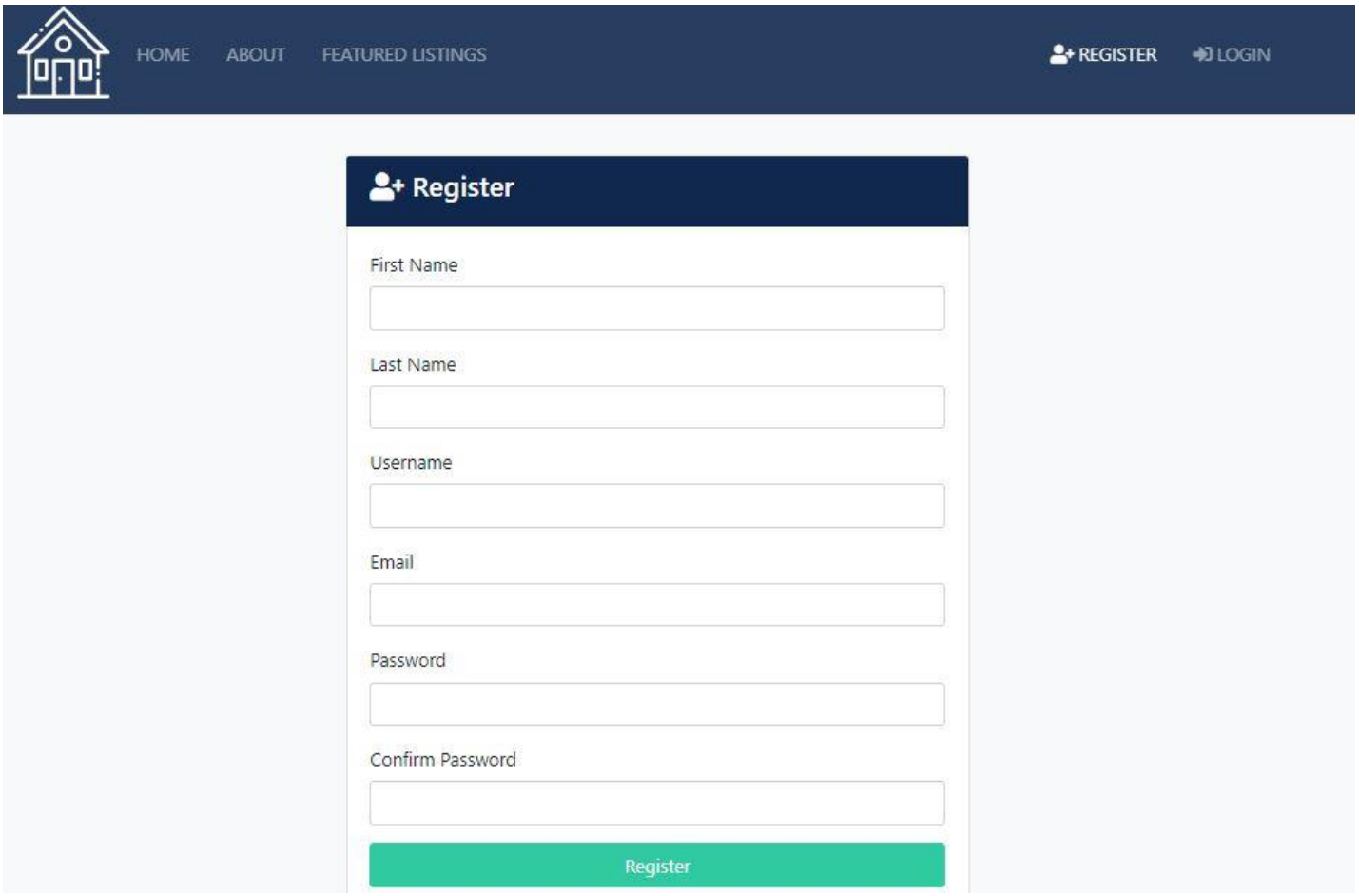
- Home



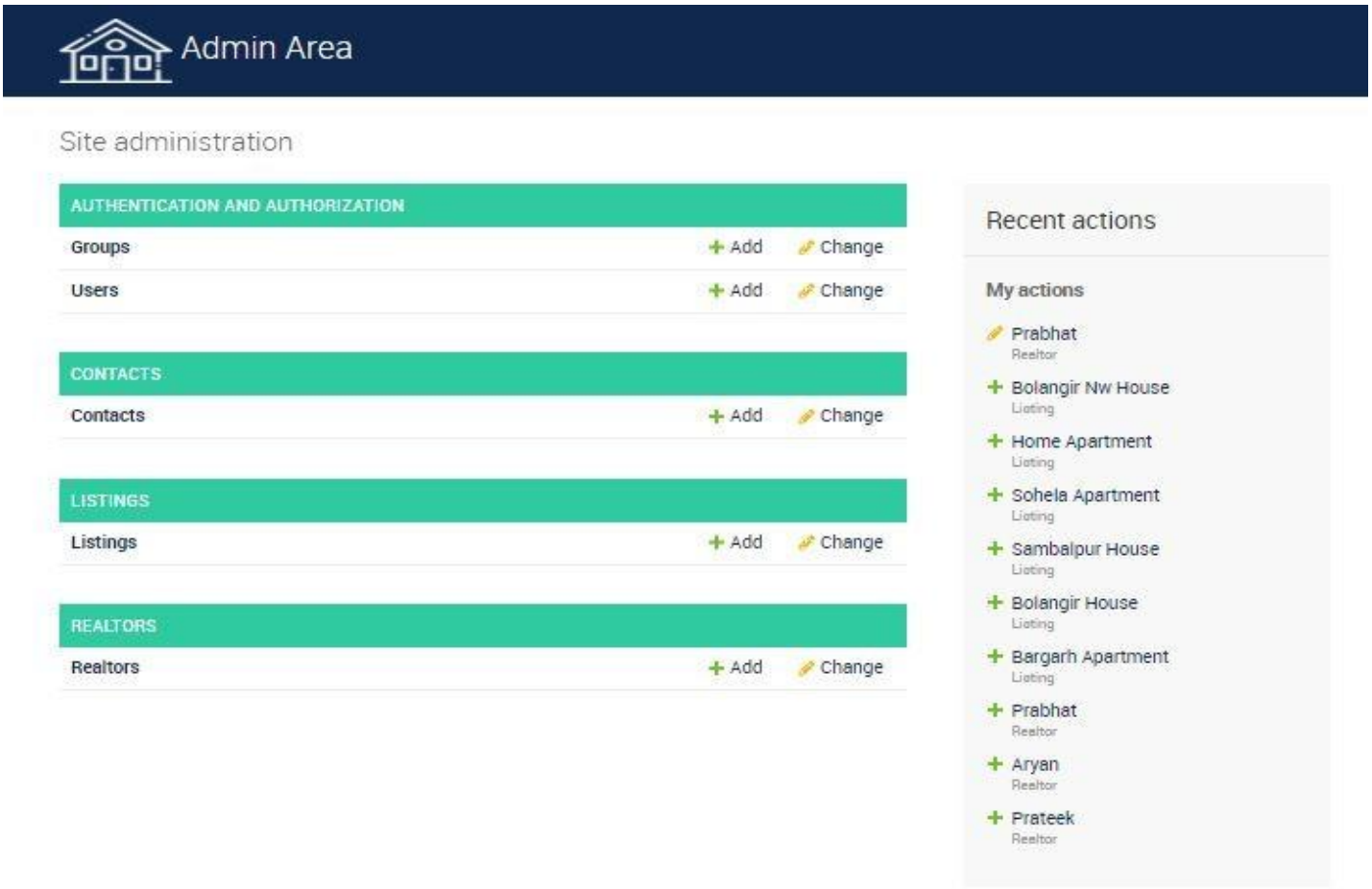
- Browsing



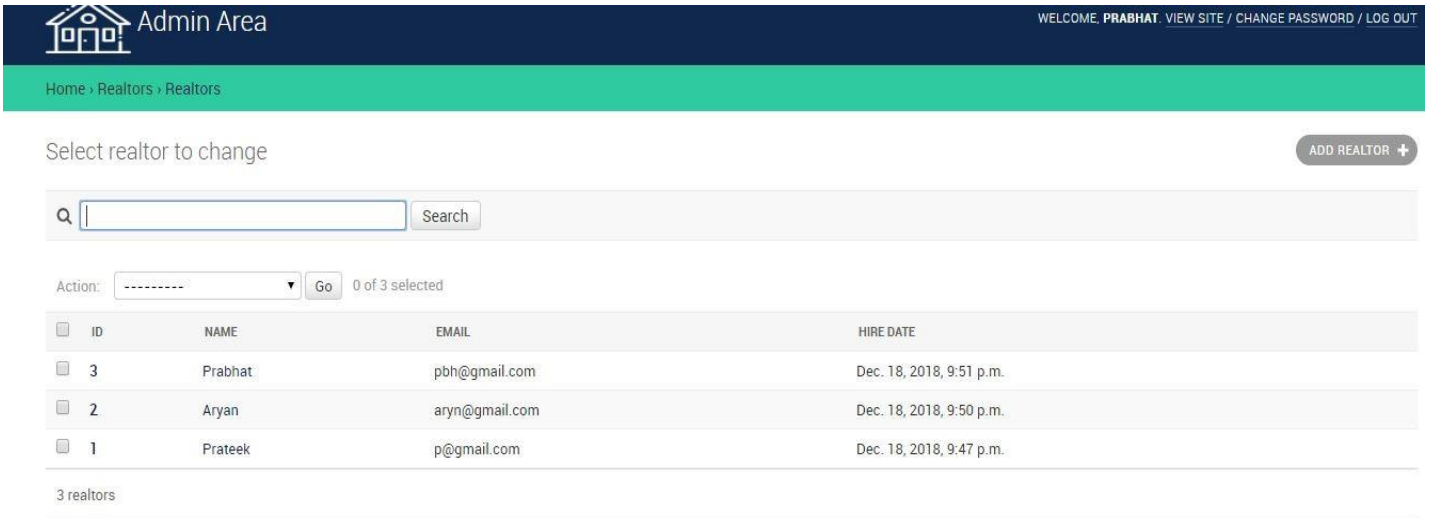
- Registration



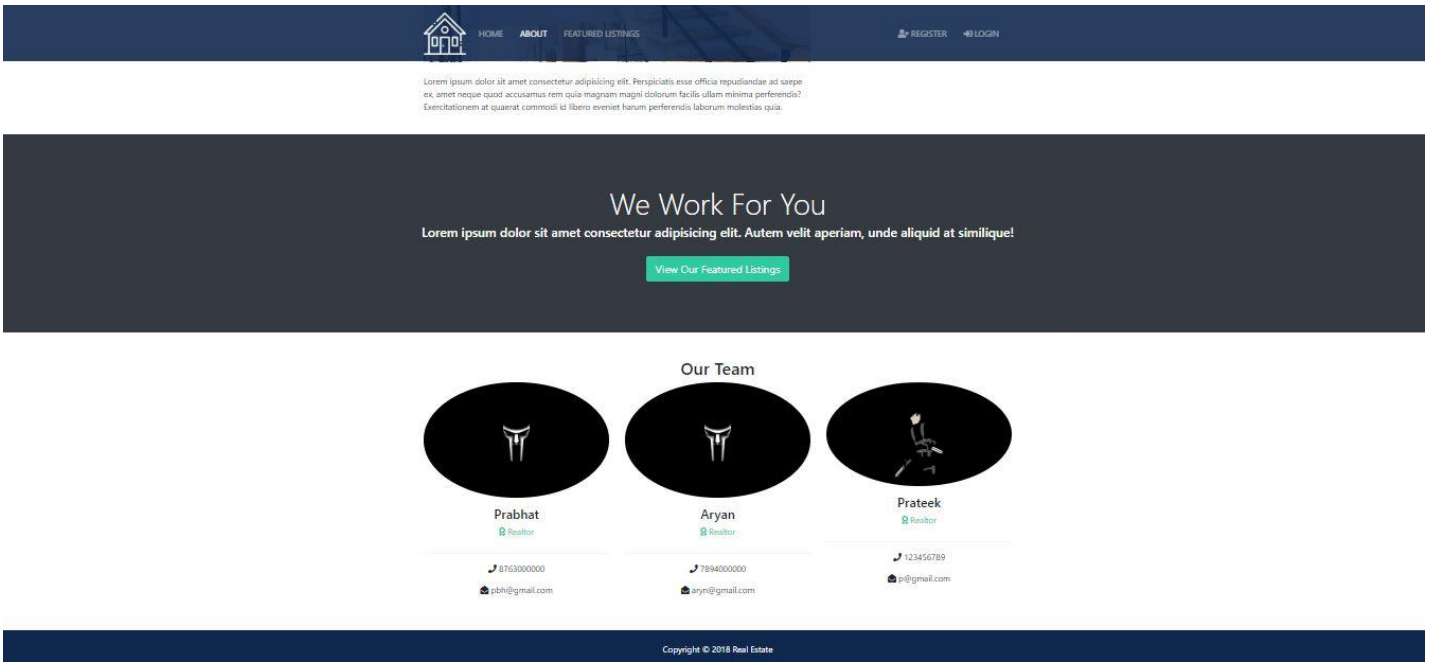
- Admin Panel – 1



- Admin Panel – 2



- About


HOME
ABOUT
FEATURED LISTINGS
REGISTER
LOGIN
Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis esse officia repudiandae ad saepe ex, amet neque quod accusamus rem quia magnam magni dolorum facilis ullam minima perferendis? Exercitationem at quaerat commodi id libero eveniet harum perferendis laborum molestias quia.
We Work For You
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View Our Featured Listings
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Coding

- Module and Functionality for Estateworks Project in Django

Homepage

```
{% load static %}


<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{% static 'css/all.css' %}" />
    <!-- Bootstrap -->
    <link rel="stylesheet" href="{% static 'css/bootstrap.css' %}" />
    <!-- Custom -->
    <link rel="stylesheet" href="{% static 'css/style.css' %}" />
    <!-- Lightbox -->
    <link rel="stylesheet" href="{% static 'css/lightbox.min.css' %}" />


    <title>Real Estate System {% block title %}{% endblock %}</title>
```

```
        208039

  </head>


  <body>
    <!-- TOP BAR -->
    {% include 'partials/_topbar.html' %}
    <!-- NAVBAR -->
    {% include 'partials/_navbar.html' %}
    <!-- MAIN CONTENT -->
    {% block content %} {% endblock %}
    <!-- FOOTER -->
    {% include 'partials/_footer.html' %}


    <script src="{% static 'js/jquery-3.3.1.min.js' %}"></script>
    <script src="{% static 'js/bootstrap.bundle.min.js' %}"></script>
    <script src="{% static 'js/lightbox.min.js' %}"></script>
    <script src="{% static 'js/main.js' %}"></script>
  </body>
</html>
```

Requirments

- This Estateworks Project in Django created using Python Django Framework on the backend and HTML, CSS, and JavaScript on the frontend.

Python version – 3.8

- Python 3.8 introduces some new syntax to the language, as well as a few small modifications to existing behavior and, most importantly, a slew of performance improvements, following in the footsteps of the previous 3.7 version.

Programming Language Used - Python Django Language

- Django is a high-level Python web framework for building safe and maintainable websites quickly. Django is a web framework built by experienced developers that takes care of a lot of the heavy lifting so you can focus on developing your app instead of reinventing the wheel.

IDE Tool - Sublime, Visual Studio, PyCharm

- Sublime Text is a source code editor that is available for purchase. It comes with built-in support for a variety of programming and markup languages. Plugins, which are often community-built and maintained under free-software licenses, allow users to extend the functionality of the system. Sublime Text has a Python API to help with plugins.

Project Type - Website

- A website, unlike computer-based software programs that operate locally on the device's operating system, is application software that runs on a web server. The user uses a web browser with an active network connection to access web apps.

Database – SQLLite

- SQLite is a programming language that is used to create embedded software for devices such as televisions, cell phones, and cameras. It can handle HTTP requests with low to medium traffic. SQLite has the ability to compress files into smaller bundles with less metadata. SQLite is a temporary dataset that is used within an application to process data.

Conclusion

- Technology has made significant progress over the years to provide consumers a better online broking experience and will continue to do so for years to come. With the rapid growth of buying of properties, people have speculated that online broking will overtake offline broking. While this has been the case in some areas, there is still demand for houses and flates in market areas where the consumer feels more comfortable seeing and touching the properties being bought. However, the availability of online broking has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online broking has opened up doors to many small retailers that would never be in business if they had to incur the high cost of owning a houses and flates . At the end, it has been a win-win situation for both consumer and sellers.

REFERENCES

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