

# **Jashore University of Science and Technology**

Jashore-7408, Bangladesh



## **Property Go**

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This project report was submitted in partial fulfillment  
of the requirements for the degree of B.Sc. Engineering

in **Computer Science and Engineering**

## CANDIDATE'S DECLARATION

This is to certify that the work presented in this project, titled, "Property Go" is the outcome of the requirement analysis and implementation carried out by me under the supervision of

**S M Ariful Hoque.**

It is also declared that neither this project nor any part thereof has been submitted anywhere else for the award of any degree, diploma or other qualifications.

.....  
Tasnuba Tasnim

## CERTIFICATION

This is to certify that the present work entitled "Web Application: Property Go" has been submitted by **Tasnuba Tasnim, Session: 2019-20, Roll No: 190135 and Reg No: 1901031** under my direct supervision of the Department of Computer Science and Engineering, Faculty of Engineering and Technology, Jashore University of Science and Technology, Jashore-7408, Bangladesh

I recommended that the presented project can be accepted in fulfillment of the requirements for the degree of Bachelor of Science in Engineering in Computer Science and Engineering.

I would like to clarify that the author has completed his work under my supervision.

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Tasnuba Tasnim

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## Abstract

PropertyGo is a web-based platform designed to facilitate the buying and selling of properties. The system provides a secure and user-friendly interface where clients can explore available properties, post their own listings, and manage transactions. It eliminates the inefficiencies of traditional property dealings by integrating real-time property listing, user authentication, and an admin approval system to ensure a transparent marketplace.

The platform includes two main user roles: clients and administrators. Clients can register, explore property listings, and post properties for sale, but their accounts and property listings must first be approved by the admin. Admins oversee the entire platform, managing user approvals, reviewing property listings, and ensuring a smooth transaction process. Clients can also filter properties based on criteria such as bedrooms, bathrooms, area, and price to find the most suitable listings.

Developed using PHP, MySQL, HTML, CSS, JavaScript and Bootstrap. PropertyGo offers a scalable, efficient, and accessible solution for property buyers and sellers. By providing a structured and automated approval workflow, the platform enhances security, user trust, and market reliability, making it a seamless solution for online real estate transactions.

# Chapter 1

## Introduction

### 1.1 Introduction

PropertyGo is a web-based platform designed to simplify and streamline the process of buying and selling properties. This system eliminates the inefficiencies of traditional property transactions by allowing users to explore properties, list properties for sale, and manage their accounts in a structured and automated way. By digitizing these processes, the platform ensures a more efficient, transparent, and user-friendly property marketplace.

The system includes essential features such as secure user authentication, real-time property exploration, and an admin approval workflow to ensure listing quality and user credibility. Clients can register on the platform, browse available properties, and submit property listings for sale. However, both user registrations and property listings must be reviewed and approved by an administrator before they become active. Administrators have full control over managing user accounts, verifying property details, and overseeing the overall platform operation.

With a structured and scalable design, PropertyGo provides a centralized and efficient solution for online property transactions. It enhances security, market transparency, and user accessibility, making it an essential tool for buyers and sellers looking for a seamless digital real estate experience.

## 1.2 Motivation

Traditional property transactions often lack efficiency, security, and transparency, making it challenging for buyers and sellers to engage in smooth and reliable dealings. Many existing property marketplaces suffer from unverified listings, fraudulent activities, and a lack of structured approval systems, leading to trust issues among users. Additionally, manual property posting and management processes create delays, mismanagement, and inconsistencies in listings.

PropertyGo addresses these challenges by providing a digital property marketplace where clients can explore, list, and manage properties seamlessly. The platform introduces a role-based system where clients submit property listings and administrators review and approve them before they become publicly visible. This ensures authentic and high-quality listings, creating a trustworthy environment for property buyers and sellers.

With features such as secure authentication, real-time property exploration, and an admin approval workflow, PropertyGo ensures a smooth, efficient, and transparent property management experience for all users.

### 1.3 Objectives

- To develop an efficient and secure digital platform for property buying and selling.
- To enable clients to explore, list, and manage properties in a structured and user-friendly manner.
- To introduce a role-based approval system, ensuring that property listings are reviewed and approved by administrators before publication.
- To implement a secure and scalable system using PHP and MySQL, ensuring data integrity and seamless performance.
- To provide an admin panel for managing user registrations, reviewing property listings, and overseeing marketplace operations.

By achieving these objectives, PropertyGo will serve as a trusted and structured online platform for real estate transactions, enhancing accessibility and reliability in the property marketplace.

## Chapter 2

### Introduction

#### **2.1 Introduction**

##### **2.1.1 Purpose**

The purpose of this chapter is to provide a detailed description of the PropertyGo system and its functionalities. This document outlines the objectives, features, and constraints of the platform, ensuring a secure, efficient, and user-friendly property buying and selling process. The Software Requirement Specification (SRS) serves as a guideline for developers, stakeholders, and administrators to understand the system's capabilities and limitations.

By digitizing the property listing and approval process, this system enhances transparency, automation, and accessibility while reducing manual workload. The document ensures that all technical and functional aspects of the system are clearly defined, leading to a well-structured and scalable solution for online real estate transactions.

##### **2.1.2 Document Conventions**

Below are the abbreviations used in the document:

<b>Short Form</b>	<b>Abbreviation</b>
DB	Database
PG	PropertyGo
UI	User Interface
UX	User Experience
SQL	Structured Query Language
PHP	Hypertext Preprocessor
JUST	Jashore University of Science and Technology
SRS	Software Requirement Specification

**Table-2.1: Document Conventions**

### 2.1.3 Intended Audience and Reading Suggestions

This document is intended for the following users:

- **Developers** – To understand the system architecture, features, and technical implementation.
- **Stakeholders** – To evaluate the feasibility and effectiveness of the system in facilitating online property transactions.
- **Administrators** – To oversee and manage user registrations, property approvals, and system functionalities.
- **Clients** – To list properties for sale, explore available properties, and manage their accounts.

### 2.1.4 Product Scope

Managing property transactions manually can be inefficient and time-consuming, leading to delays, mismanagement, and security risks. Many traditional real estate platforms lack proper user verification and listing approval processes, making it difficult for buyers to trust property listings and for sellers to ensure their listings reach genuine buyers.

Property Go addresses these challenges by offering:

- **A secure property listing system**, allowing clients to post properties for sale with admin approval.
- **Role-based access control**, ensuring that only verified users can post listings.
- **Real-time property exploration**, allowing clients to filter properties based on their needs (e.g., bedrooms, bathrooms, area, price and so on).
- **Admin approval workflows**, ensuring only legitimate properties and users are allowed on the platform.
- **User account management**, enabling clients to track their listings, update profiles, and manage transactions.

By integrating these features, PropertyGo provides an efficient, structured, and transparent approach to online property transactions, reducing fraud risks and enhancing the user experience for buyers, sellers, and administrators.

## 2.2 Overall Description

### 2.2.1 Domain Analysis

**Technical Research:** Traditional property transactions often involve complex paperwork, manual approvals, and limited security, making the process inefficient and time-consuming. Many online property platforms lack proper verification mechanisms, leading to fraudulent listings and unreliable transactions. A structured and digitalized approach is required to streamline property listing, buyer-seller interactions, and administrative approvals efficiently.

**Existing Applications:** Most real estate platforms allow users to list and explore properties but lack strict approval processes and user authentication. This results in fake listings, security concerns, and unverified users. PropertyGo improves upon this by ensuring that users and listings must be verified by an administrator before becoming active, providing a safe and reliable environment for property transactions.

**Potential Users:** The platform is designed for clients who wish to buy and sell properties, and administrators who manage user approvals and listing verification.

**Future Expansion:** The system can be expanded to support large-scale real estate agencies, property developers, and investment firms, providing a scalable and adaptable solution for various property transactions.

### 2.2.2 Product Features and Prioritization

#### 2.2.2.1 Normal Requirements (Core Features):

- User authentication and role-based access to ensure secure login for clients and administrators.
- Property listing system that allows clients to post properties for sale with admin approval.
- Property exploration system where users can search and filter listings based on criteria such as bedrooms, bathrooms, area, price, location and so on.
- Admin approval workflow to verify user registrations and property listings before they are published.

- User account dashboard where clients can view and manage their profile, posted properties, and transaction history.

#### **2.2.2.2 Expected Requirements:**

- **Accessibility:** The system should be accessible on all devices with an internet connection.
- **Email Verification:** Users must verify their email addresses before accessing the system.
- **Error Handling:** The platform should provide clear and helpful error messages for incorrect actions

#### **2.2.3 Stakeholders**

- **Real Estate Agencies & Property Sellers:** Can use the platform to list properties securely and reach potential buyers.
- **Clients (Buyers & Sellers):** The primary users who explore properties, list properties for sale, and manage transactions.
- **Administrators:** Manage user approvals, review property listings, and oversee system functionalities to ensure a secure and trustworthy marketplace.

#### **2.2.4 User Classes and Characteristics**

##### **2.2.4.1 User Roles and Permissions:**

- **Clients:**
  - Register and log in securely.
  - Explore available properties without logging in, but must log in to filter properties based on preferences.
  - List properties for sale after logging in and submit them for admin approval.
  - Manage personal account details, edit profile information (with restrictions), and track listed properties.
  - View property history and wallet transactions.
-

- **Admin:**

- Review user registrations and approve or reject account requests.
- Enable, disable, delete, or retrieve user accounts as needed.
- Review property listings and approve or reject them before they appear on the platform.
- Archive or unarchive property listings.
- Manage all user and property-related data, ensuring a secure and trustworthy platform..
- Manage personal account details of client's and edit profile information of them..

## 2.2.5 User Stories

**As a client,** I want to explore properties without logging in so that I can view available listings easily.

**As a client,** I want to explore latest properties without logging in so that I can view available listings easily

**As a client,** I want to filter properties by specific criteria so that I can find listings that match my requirements after log in.

**As a client,** I want to list my property for sale so that I can reach potential buyers after log in.

**As a client,** I want to track my property listings and transaction history so that I can manage my sales efficiently after log in.

**As a Client,** I can edit my profile with some restrictions or request admin to edit all information after log in.

**As a client,** I can view and edit property listings for sales after log in.

As a client, I can explore properties according to my needs after log in.

**As an admin,** I want to verify and approve user accounts so that only legitimate users can access the platform.

**As an admin,** I want to review and approve property listings before they go live so that I can ensure the authenticity of posted properties.

**As an admin,** I want to manage user accounts and property data so that I can maintain a secure and reliable marketplace.

**As an admin,** I can edit client's information.

**As an admin,** I can disable or enable a client's account.

**As an admin,** I can delete or retrieve a client's account.

## 2.2.6 Operating Environment

- **Operating System:** Windows, macOS, Linux
- **Database:** MySQL
- **Backend Technologies:** PHP
- **Frontend Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Development Tools:** Visual Studio Code

## 2.2.7 Design and Implementation Constraints

- The system must support multiple users simultaneously, allowing clients to explore, list, and manage properties efficiently.
- Only authorized users (admins) can approve user registrations and property listings before they become publicly visible.
- The platform must have secure authentication mechanisms, including email verification and password encryption, to prevent unauthorized access.

## 2.2.8 Assumptions and Dependencies

- Users must have a valid email to register, need to verify email to create an account and receive approval notifications for their accounts and property listings.
- A stable internet connection is required to access the system and perform property-related transactions.
- The platform is expected to be mobile-responsive, ensuring usability across different devices, including desktops, tablets, and smartphones.

### **2.2.9 User Documentation**

- A help section with detailed guides will be available to assist users in navigating the platform.
- Users can contact support via email for any assistance regarding account registration, property listing approvals, or other system functionalities.

## 2.3 External Interface Requirements

### 2.3.1 User Interfaces

The user interface will be clean, simple, and intuitive, ensuring ease of navigation for all users, including clients, administrators, and moderators. Key interfaces include:

- **Register/Login Interface:** Secure authentication with email verification to ensure only verified users have access.
- **Property Listing Interface:** Clients can list properties for sale, including submitting necessary property details and documents for approval.
- **Property Exploration Interface:** Clients can explore available properties, filter search results based on criteria like price, location, size, and more.
- **Admin Panel:** Administrators can review user registrations, approve or reject property listings, manage account settings, and ensure platform security.

### 2.3.2 Hardware Interfaces

- **Minimum Requirements for Students, Moderator and Teachers:**
  - Device: PC, Laptop, Tablet, or Smartphone
  - Internet Connection: Required
- **Server Requirements:**
  - Processor: **Intel Core i5 or higher**
  - RAM: **8GB or more**
  - Storage: **500GB HDD / 256GB SSD**

### 2.3.3 Software Interfaces

- **Frontend:** HTML, CSS, JavaScript, Bootstrap
- **Backend:** PHP
- **Database:** MySQL
- **Server:** Apache

## 2.4 System Features

### 2.4.1 Authentication and Authorization

#### 2.4.1.1 Description:

The authentication and authorization system ensures that only registered users can access the platform while maintaining role-based access control (RBAC) for different users (Clients and Administrators). Secure authentication mechanisms such as email verification, password encryption, and multi-factor authentication (MFA) protect user data.

#### 2.4.1.2 Functional Requirements:

##### User Registration:

- Users must provide a valid email address and password to verify email and initiate to registration
- The system sends an OTP (One-Time Password) to the registered email for verification.
- Once verified, users must fill in their profile details, including:
  - Full Name
  - Phone Number
  - Address
  - Profile Picture
  - Other necessary information and so on
- The registration request goes to the administrator for approval before account activation.
- The system assigns a status for client's account:
  - Pending – Awaiting admin review.
  - Approved – can log in, add and explore property.
  - Rejected – Not meeting platform standards.
  - Disable – Temporarily hidden but stored in the system.
  - Enable – Restored for public visibility and add and explore property.

##### User Login & Logout:

- Users log in using their registered email and password.

- Passwords are stored using hashing techniques (e.g., encrypt) for security.
- Upon successful authentication, users are redirected to their respective dashboards.
- Users can securely log out, and session data will be cleared

### **Role-Based Access Control (RBAC):**

- Client:
  - Can list, view, and explore property listings.
  - Can track transaction history.
  - Can view his profile and update limited profile details.
  - Can view and edit property listings.
  - Can update password.
  - Can contact administrators regarding account or property listing issues.
- Administrators:
  - Can approve or reject new client registrations.
  - Can edit, disable, enable, delete, or retrieve user accounts.
  - Can manage all property listings (approve, reject, archive, unarchive).
  - Can modify any client details as necessary.
  - Can oversee and monitor platform activity.

### **Password Management:**

- Users can reset their passwords via email verification.
- Strong password policies must be enforced:
  - Minimum 8 characters
  - At least one uppercase letter
  - At least one number
  - At least one special character (@, #, \$, etc.)

### **Security Measures:**

- Encrypted password storage using hashing algorithms (e.g., encrypt).
- Multi-factor authentication (MFA) for enhanced security.
- Automatic session timeout after inactivity.
- One time password(OTP) to verify email for creating an account.

## 2.4.2 Property Listing and Management System

### 2.4.2.1 Description:

The Property Listing and Management System enables clients to add, manage, and track their property listings while ensuring that all properties meet platform standards through administrator approvals.

### 2.4.2.2 Functional Requirements:

#### Property Listing:

- Clients can submit property listings with required details:
  - Property Type (Residential, Commercial).
  - Location (City, Address).
  - Price (Fixed/Negotiable).
  - Size (in Sq. Ft./Meters).
  - Number of Bedrooms & Bathrooms.
  - Images and Video Uploads.
  - Property Status (Ready, Under Construction).
  - Nearby Amenities (Schools, Hospitals, Shops).
- The system assigns a status to listings:
  - Pending – Awaiting admin review.
  - Approved – Visible to all users.
  - Rejected – Not meeting platform standards.
  - Archived – Temporarily hidden but stored in the system.
  - Unarchived – Restored for public visibility.

#### Listing Update Requests:

- Clients can request updates to their listed properties.
- Updated details must be reviewed and approved by the administrator before going live.
- Clients can view and track their listing history in their dashboard.

### **Listing Deletion & Archival:**

- Clients can request deletion of their property listings.
- Administrators will archive the listing instead of deleting it permanently.
- Archived properties can be retrieved upon request.

### **Administrator Approval & Moderation:**

- Admins can review and approve/reject property listings.
- Admins can archive/unarchive property listings as needed.
- Admins can update client's account details if necessary.
- The system ensures real-time property availability status updates.

## **2.4.3 Property Exploration and Search System**

### **2.4.3.1 Description:**

The Property Exploration and Search System allows users to browse available properties using multiple search filters.

### **2.4.3.2 Functional Requirements:**

- Users can search for properties using:
  - Property Type (Residential, Commercial, etc.)
  - Division
  - Location (City, Area, Postal Code, etc.)
  - Price Range
  - area
  - Number of Bedrooms/Bathrooms

### **2.4.3.3 Featured Properties:**

- Showcasing latest listed properties.

## 2.4.4 User Dashboard System

### 2.4.4.1 Description:

Both Clients and Administrators have dedicated dashboards for managing their accounts and activities.

### 2.4.4.2 Functional Requirements:

- **Client Dashboard:**

- View profile information.
- Edit limited profile details (some fields are admin-controlled).
- Change password.
- View property posting history and approval status.
- Edit property listing history.
- Access PropertyGo Wallet (if applicable).

- **Admin Dashboard:**

- View pending user registrations and approve/reject accounts.
- Enable, disable, delete, or retrieve user accounts.
- Manage property listings (approve/reject, archive/unarchive).
- Edit client details if needed.

## 2.4.5 Contact & Support System

### 2.4.5.1 Description:

The Contact and Support System allows clients to reach out for assistance regarding their accounts, property listings, or general inquiries.

### Functional Requirements:

- **Contact Us Page:**

- Users can fill out a contact form (Name, Email, Message).
- Messages are forwarded to the admin email/support dashboard.

- **Admin Support Panel:**

- Admins can view, reply, and track user queries.
  - Admin will solve the issues and send it through the email.

## 2.5 Nonfunctional Requirements

### 2.5.1 Performance Requirements

The platform must provide high performance and a seamless user experience even with a large number of concurrent users. The system should handle multiple client requests (property listings, searches, and user interactions) efficiently, ensuring minimal downtime and quick response times. Optimizations for database queries and data transmission must be implemented to avoid bottlenecks, particularly during peak usage times. Additionally, the system must ensure rapid property listing approvals and updates, without delays. The platform must be available 24/7, ensuring users (buyers, sellers, and administrators) can access the platform at any time.

### 2.5.2 Safety Requirements

To safeguard against unauthorized access and ensure proper management of the property platform, all administrators must be thoroughly verified before accessing sensitive sections of the platform. The administrators will be responsible for secure database management and the prevention of any data loss or corruption, which could lead to significant disruptions in the property marketplace. Moreover, the system should include a robust password recovery feature, allowing users to securely reset their passwords through the “Forgot Password” process, ensuring that account access remains secure.

### 2.5.3 Security Requirements

To maintain the integrity and security of the system:

- All administrator accounts must be confidential, with sensitive credentials being stored and transmitted securely through encryption techniques.
- Client email verification will be mandatory during registration to prevent unauthorized users from accessing the platform.
- User authentication must utilize secure hashing techniques (e.g., encrypt) for password storage to protect against cyber threats.
- Role-Based Access Control (RBAC) must be implemented, ensuring that user roles (Moderator, Admin) restrict certain platform actions (listing approval, account management) to authorized users only.

#### 2.5.4 Software Quality Attributes

- **Reliability:** The system must incorporate comprehensive input validation and error-handling mechanisms to prevent incorrect data from being processed or stored, thus minimizing system errors and ensuring the quality of listings and transactions.
- **Availability:** The platform must be available around the clock, ensuring continuous and uninterrupted service for all users, with a highly reliable infrastructure in place to handle traffic surges and unexpected issues.
- **Maintainability:** The system should be designed with modularity, making it easy to update and debug components independently. During the maintenance phase, the SRS document will serve as a crucial reference for troubleshooting, ensuring that all changes align with the platform's requirements and functionality.

# Chapter 3

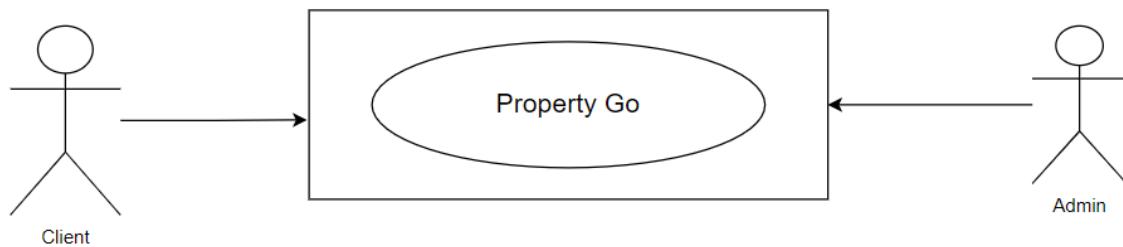
## System Design

### 3.1 System Design

The process of creating a system's components, including its architecture, modules, and components, as well as its many interfaces and the data it processes, is known as system design. System designs are categorized into structural diagrams and behavioral diagrams.

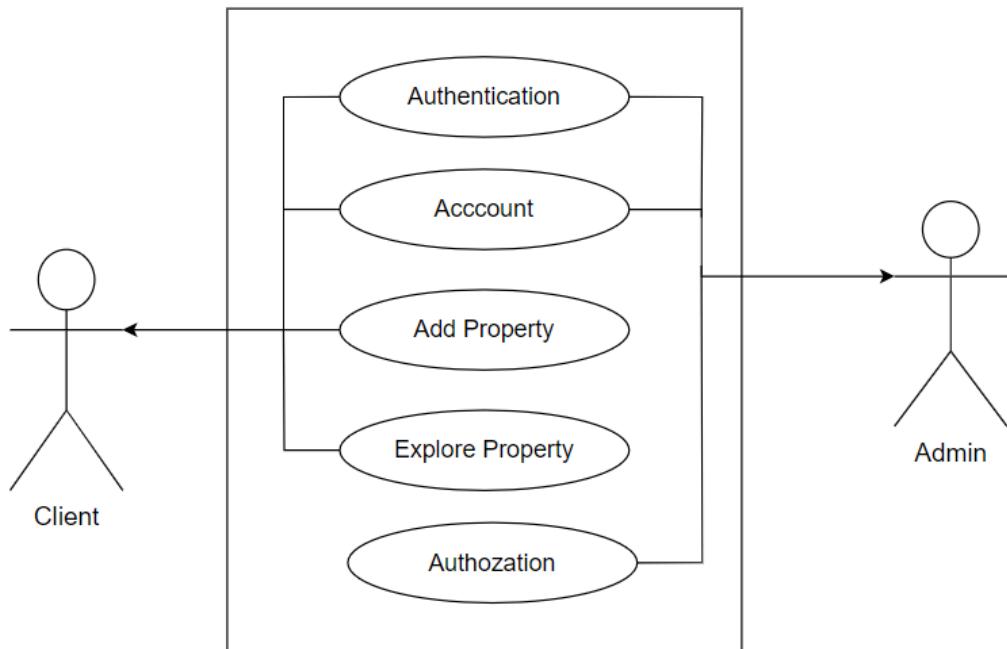
### 3.2 Use Case Diagram

#### 3.2.1 Use Case Diagram for level 0



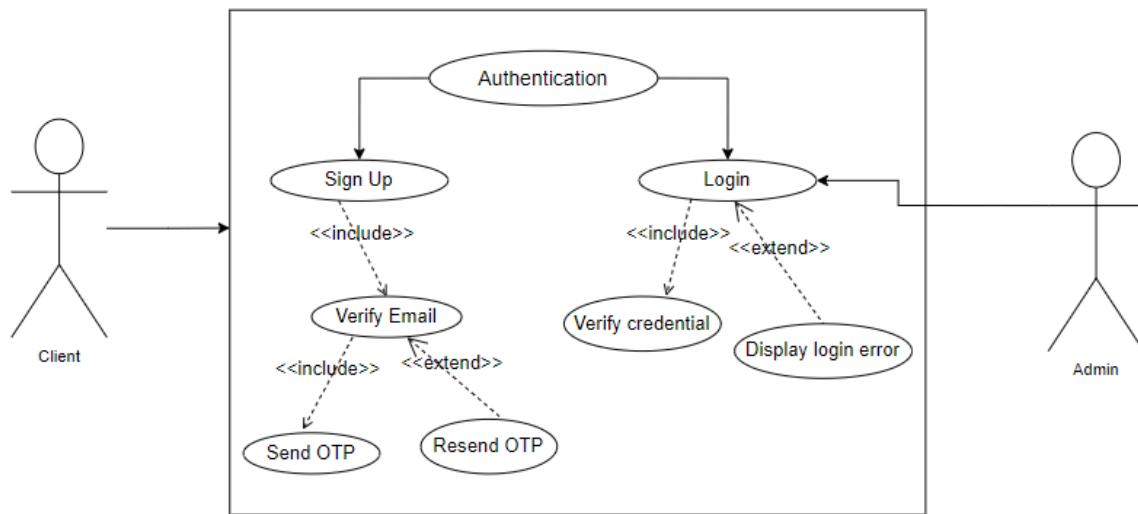
**Property Go**  
| Use Case Diagram | Level : 0

### 3.2.2 Use Case Diagram for level 1



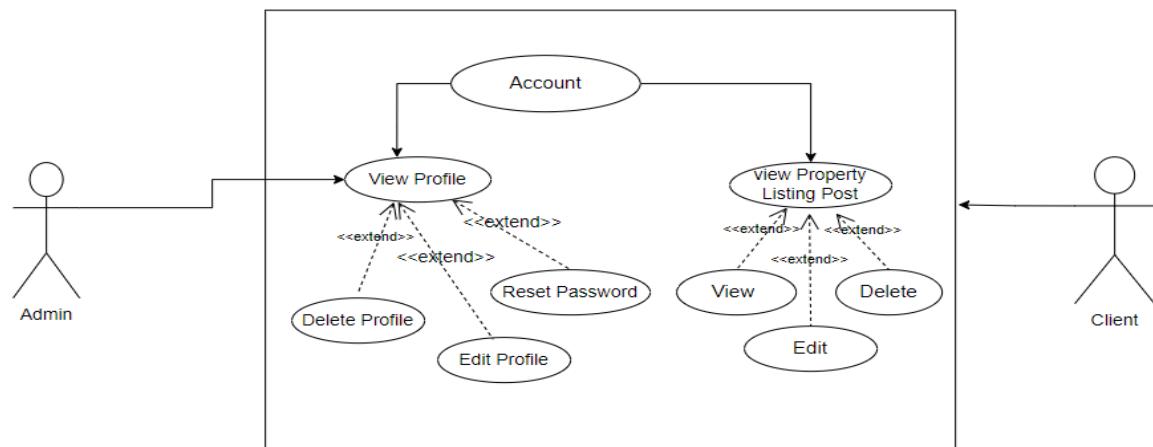
**Property Go**  
| Use Case Digaram | Level : 1

### 3.2.3 Use Case Diagram for level 1.1 ( For Authentication)



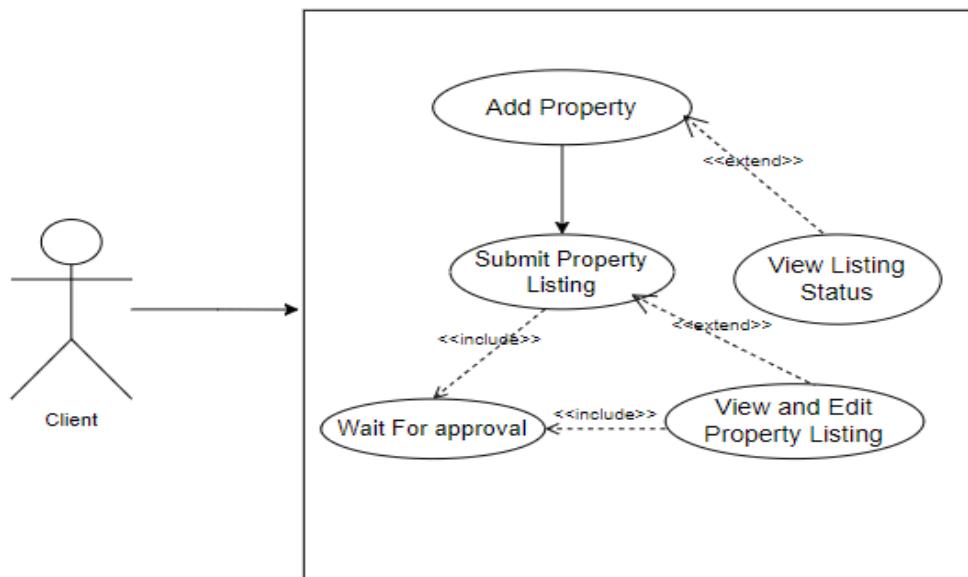
**Property Go**  
**| Authentication |**  
**| Use Case Digaram | Level : 1.1**

### 3.2.4 Use Case Diagram for level 1.2 (For Account)



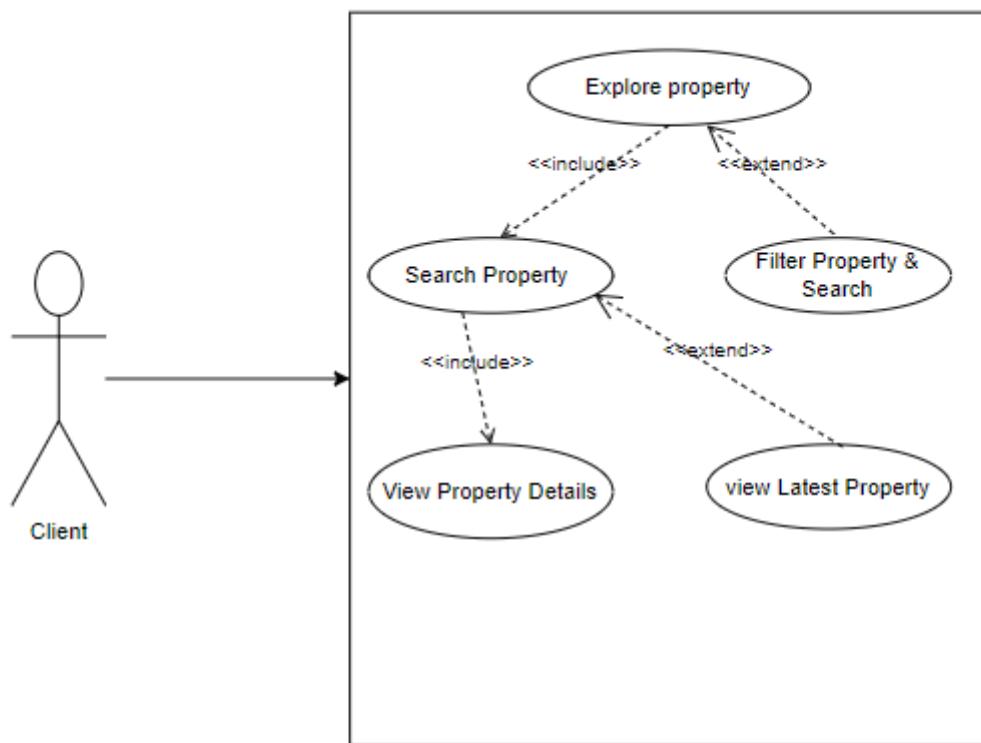
**Property Go**  
**| Account |**  
**| Use Case Digaram | Level : 1.2**

### 3.2.5 Use Case Diagram for level 1.3 ( For Add Property )



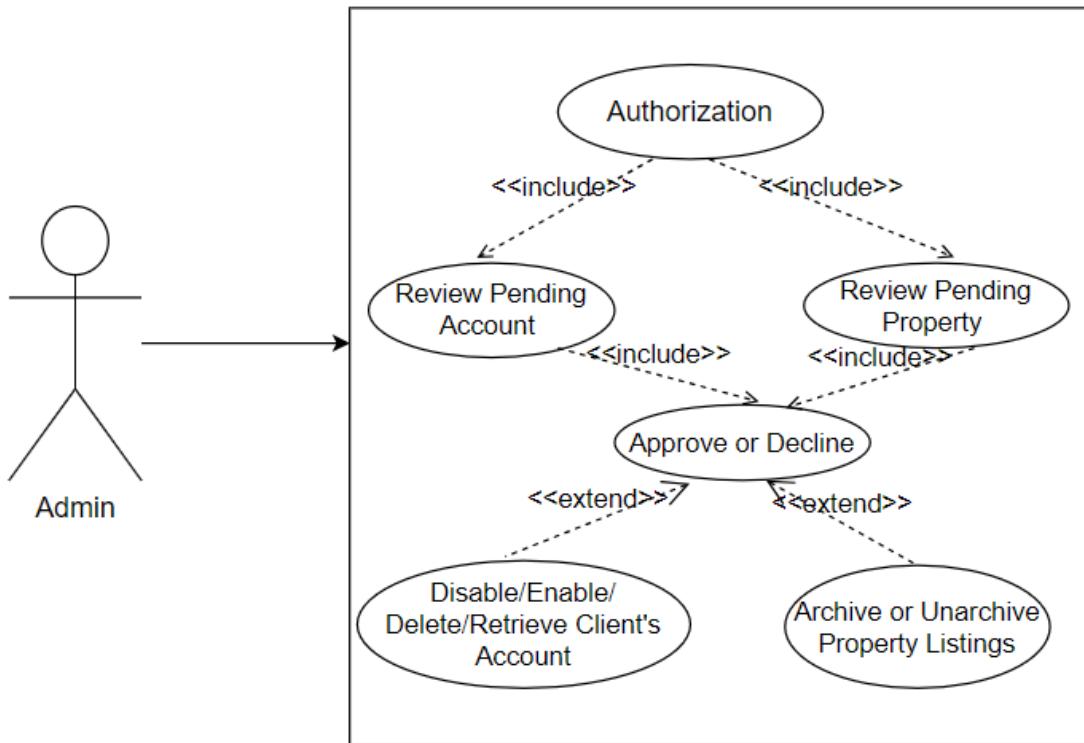
**Property Go**  
**| Add Property |**  
**| Use Case Digaram | Level : 1.3**

### 3.2.6 Use Case Diagram for level 1.4( Explore Property )



**Property Go**  
| **Explore Property |**  
| **Use Case Digaram | Level : 1.4**

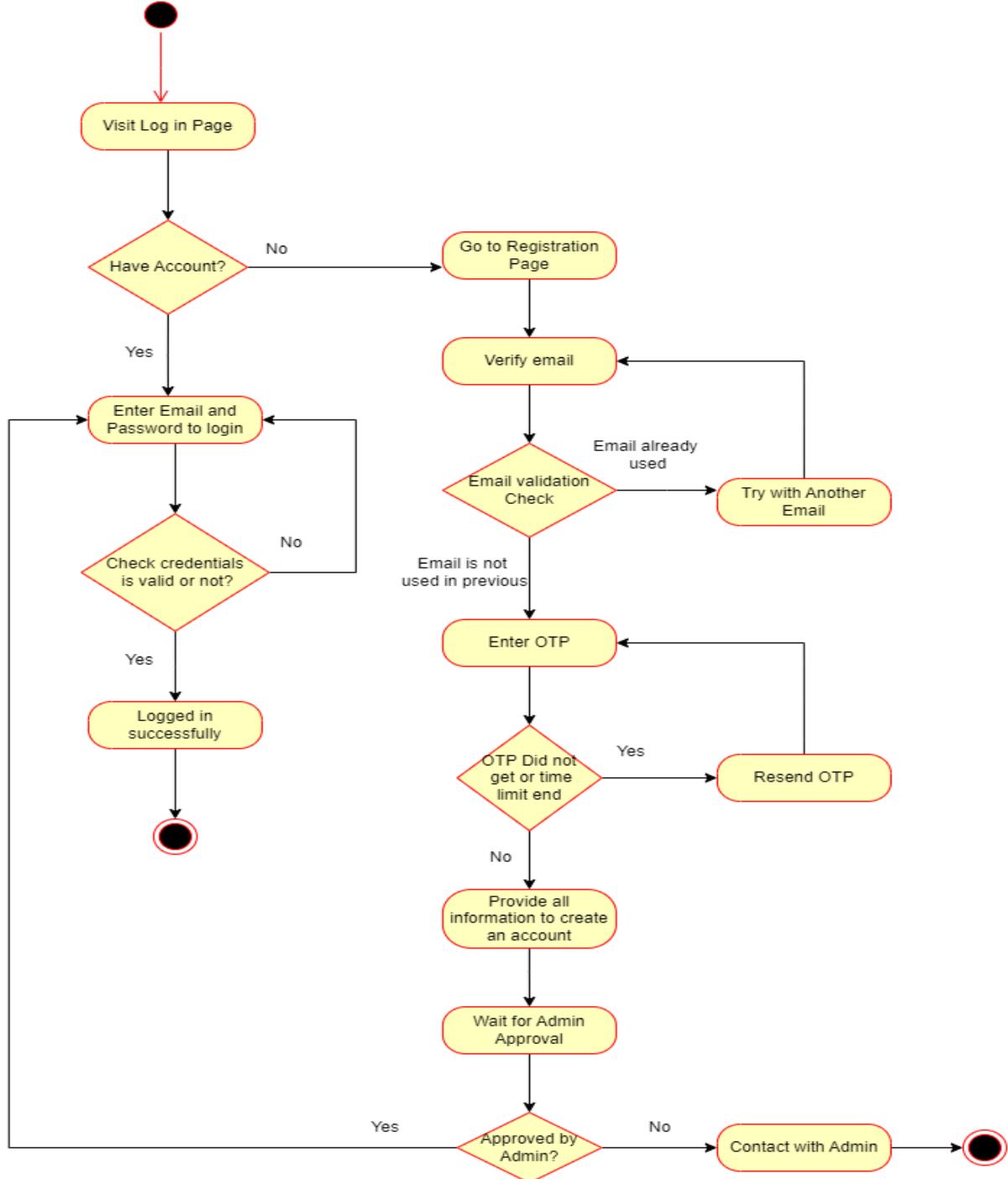
### 3.2.7 Use Case Diagram ( For authorization )



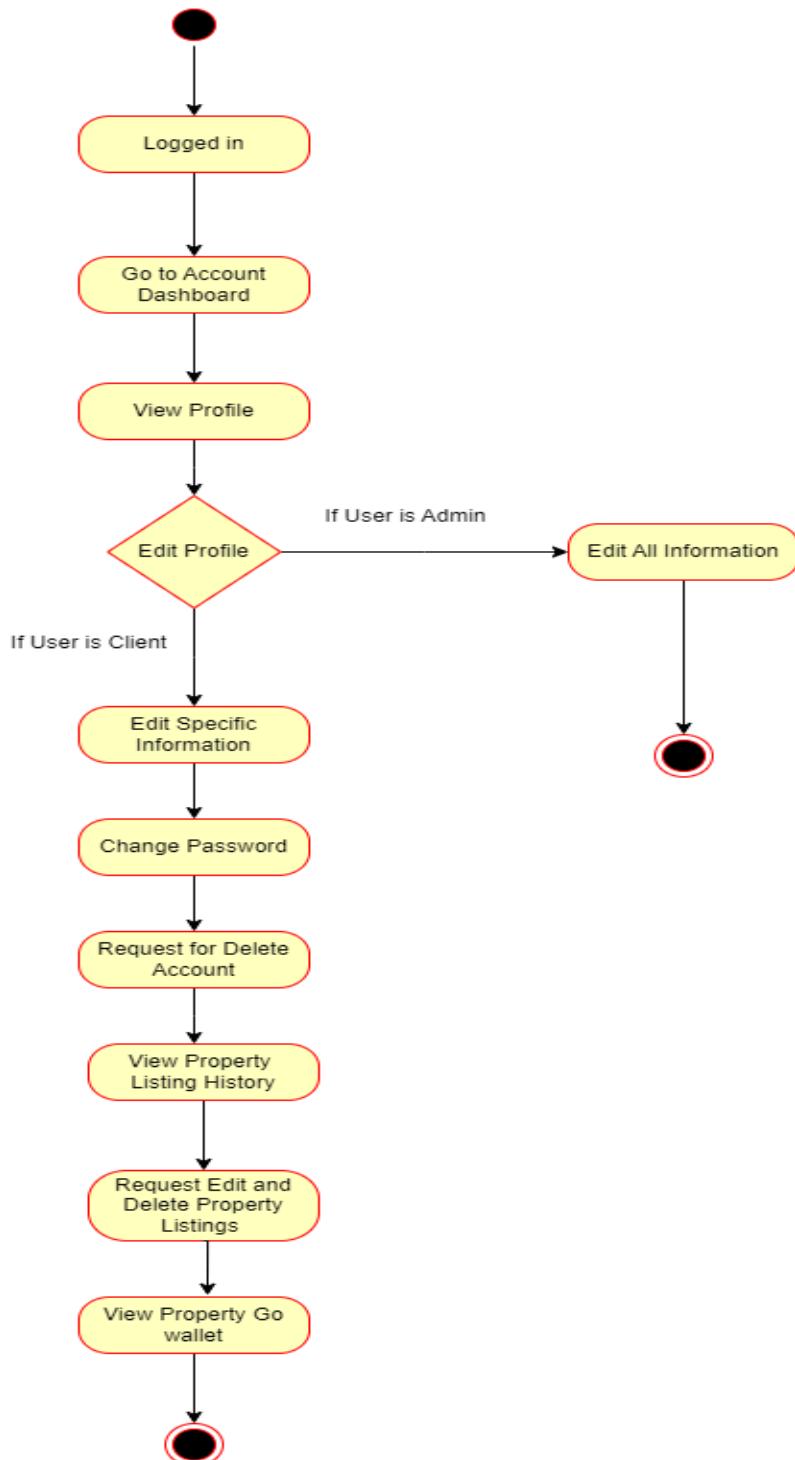
**Property Go**  
| Authorization |  
| Use Case Digaram | Level : 1.5

### 3.3 Activity Diagram

#### 3.3.1 Activity Diagram of level 1.1 ( For Authentication )



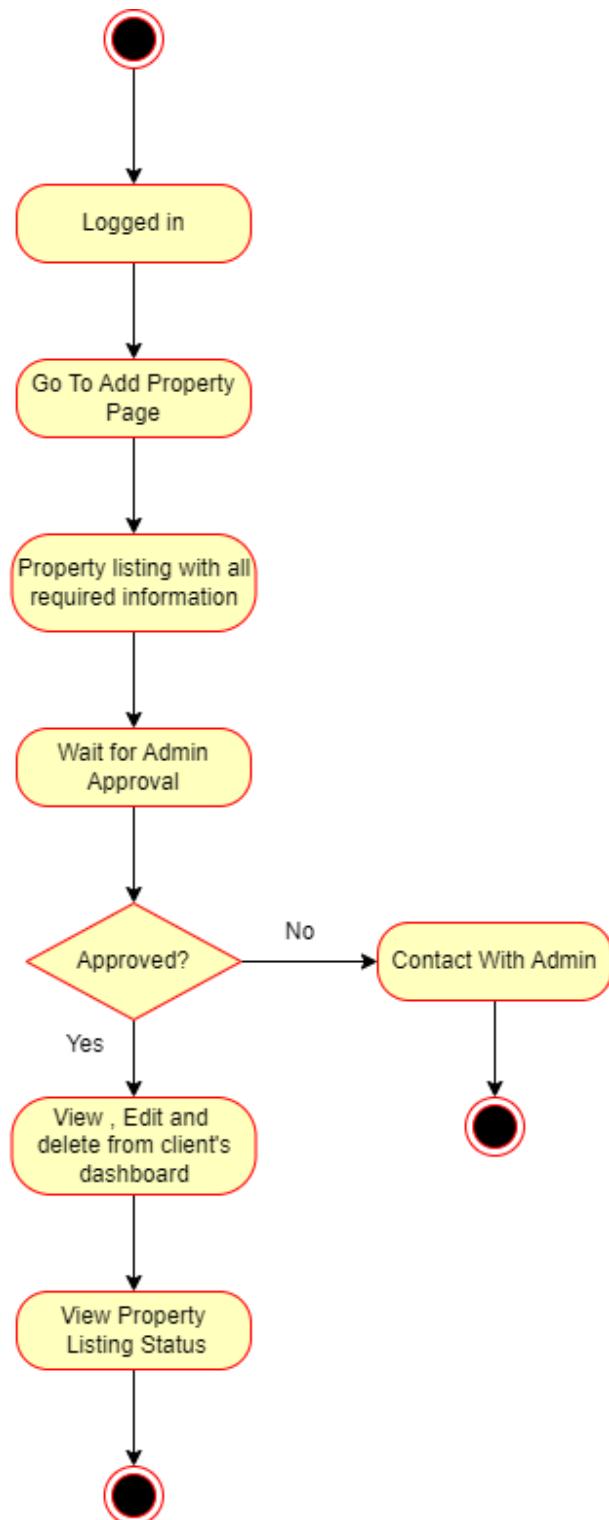
### 3.3.2 Activity Diagram of level 1.2 ( For Account )



**Property Go**  
**| Profile |**  
**| Activity Digaram | Level : 1.2**

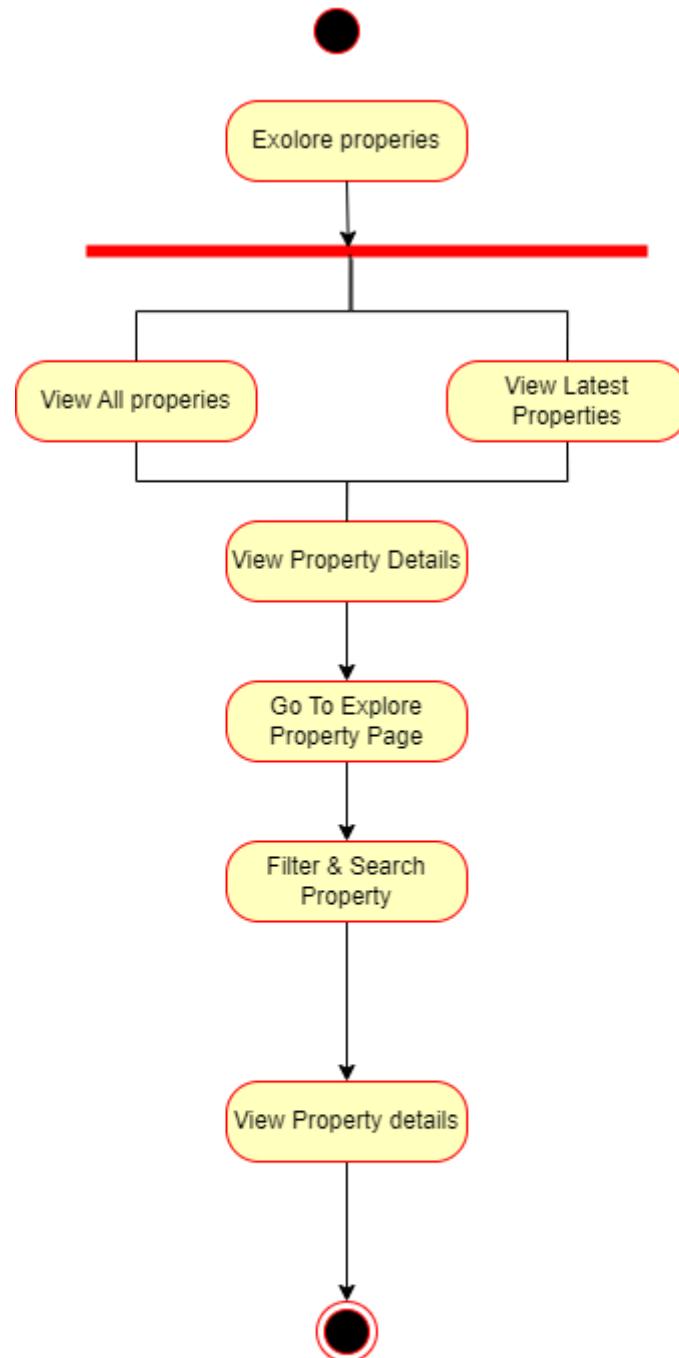


### 3.3.3 Activity Diagram of level 1.3 ( For Add Property)



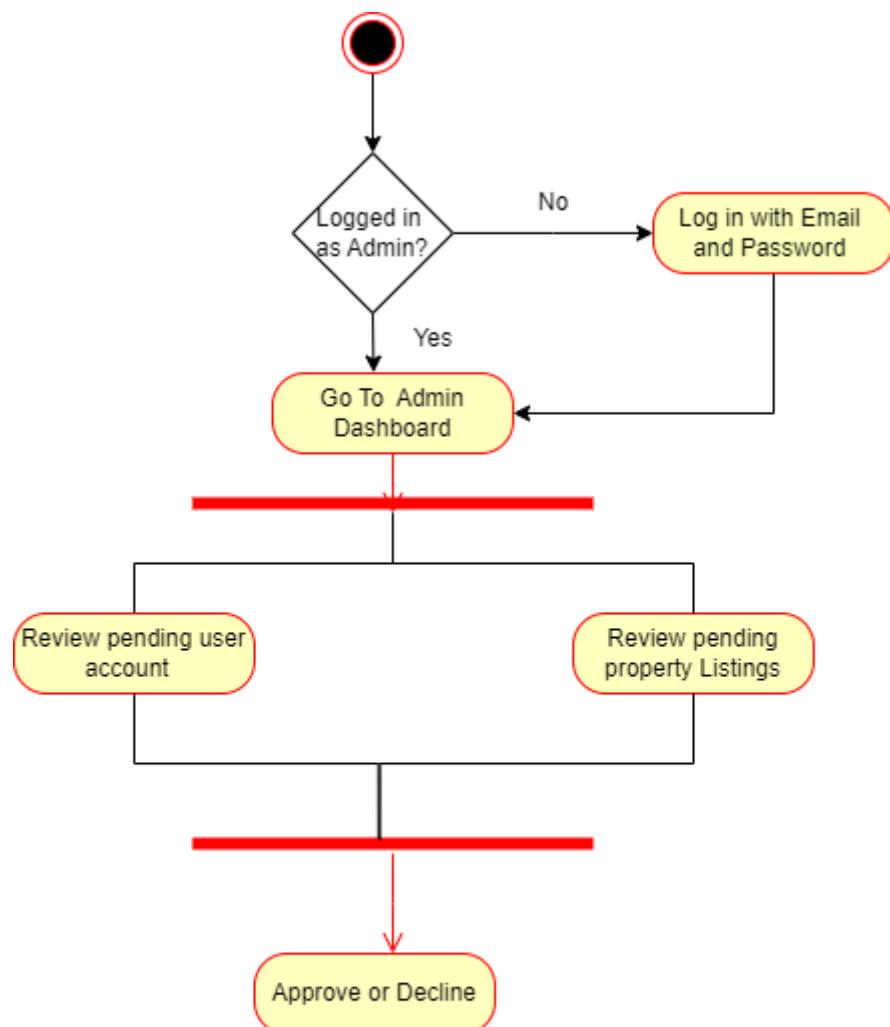
**Property Go**  
**| Add Property |**  
**| Activity Digaram | Level : 1.3**

### 3.3.4 Activity Diagram of level 1.4 ( For Explore Property )



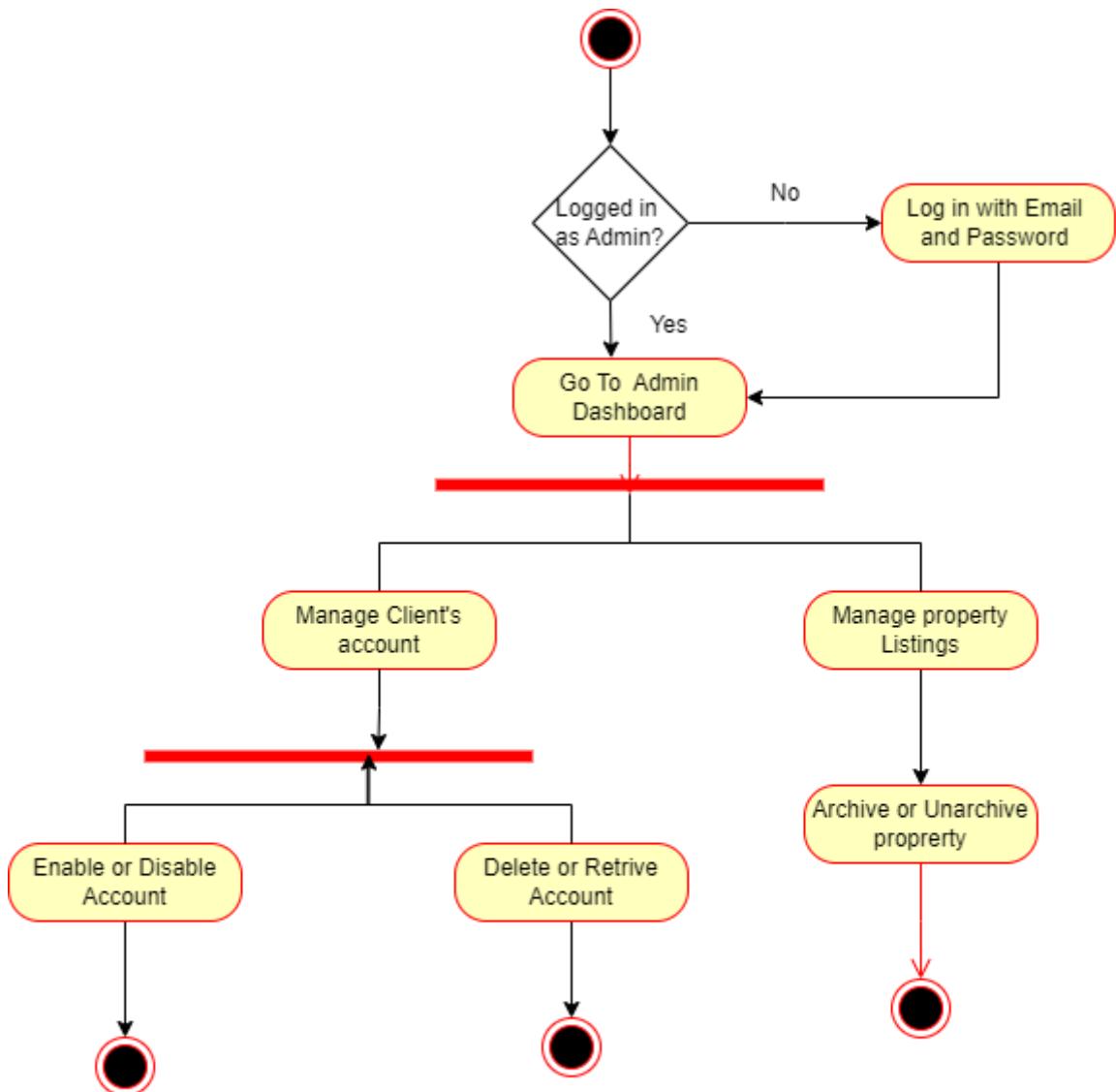
Property Go  
| Explore Property |  
| Activity Digaram | Level : 1.4

### 3.3.5 Activity Diagram of level 1. 5 ( For Authorization Diagram : 01 )



**Property Go**  
| Authorization | (Diagram : 01)  
| Activity Digaram | Level : 1.5

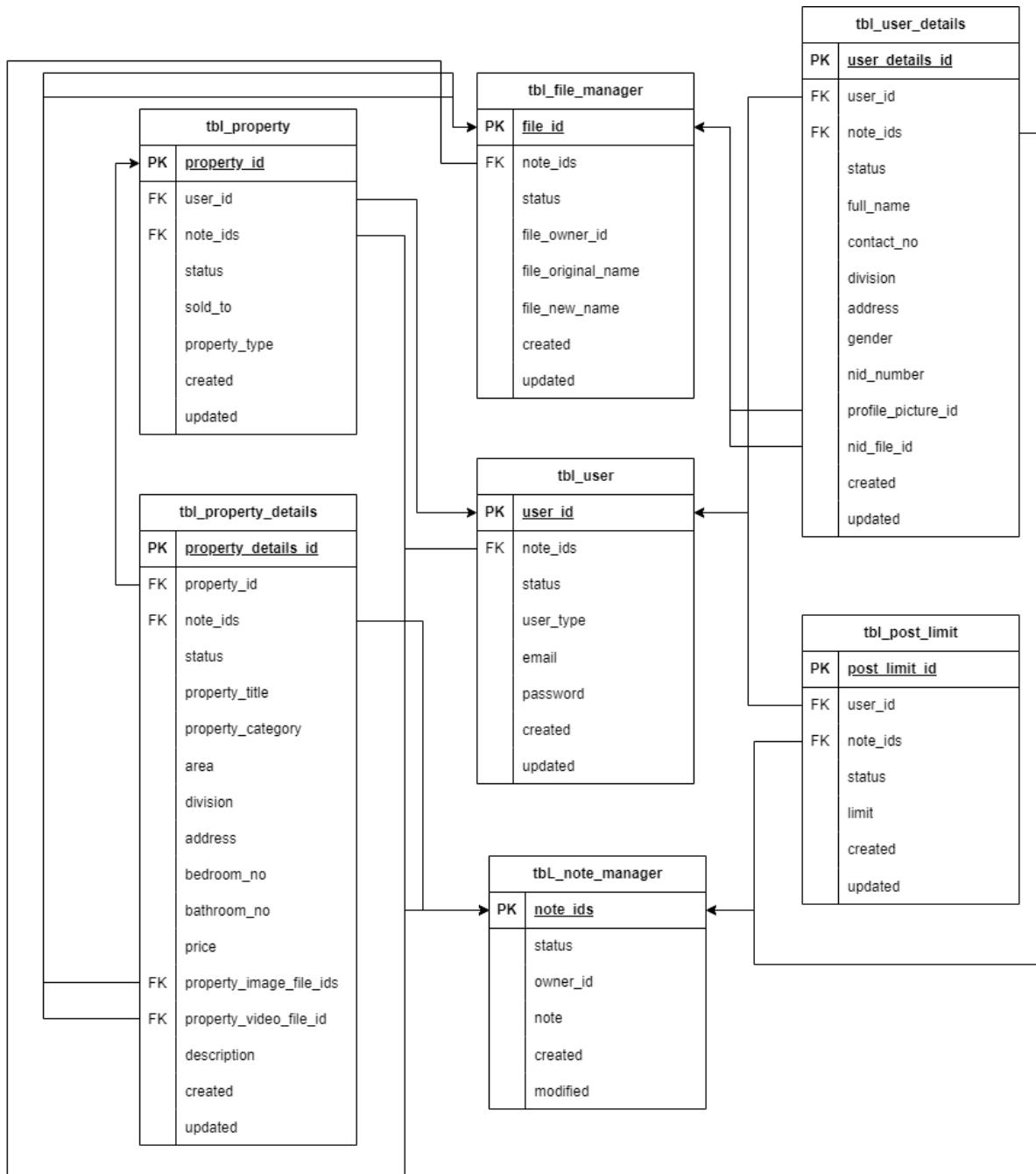
### 3.3.6 Activity Diagram of level 1. 5 ( For Authorization Diagram : 02 )



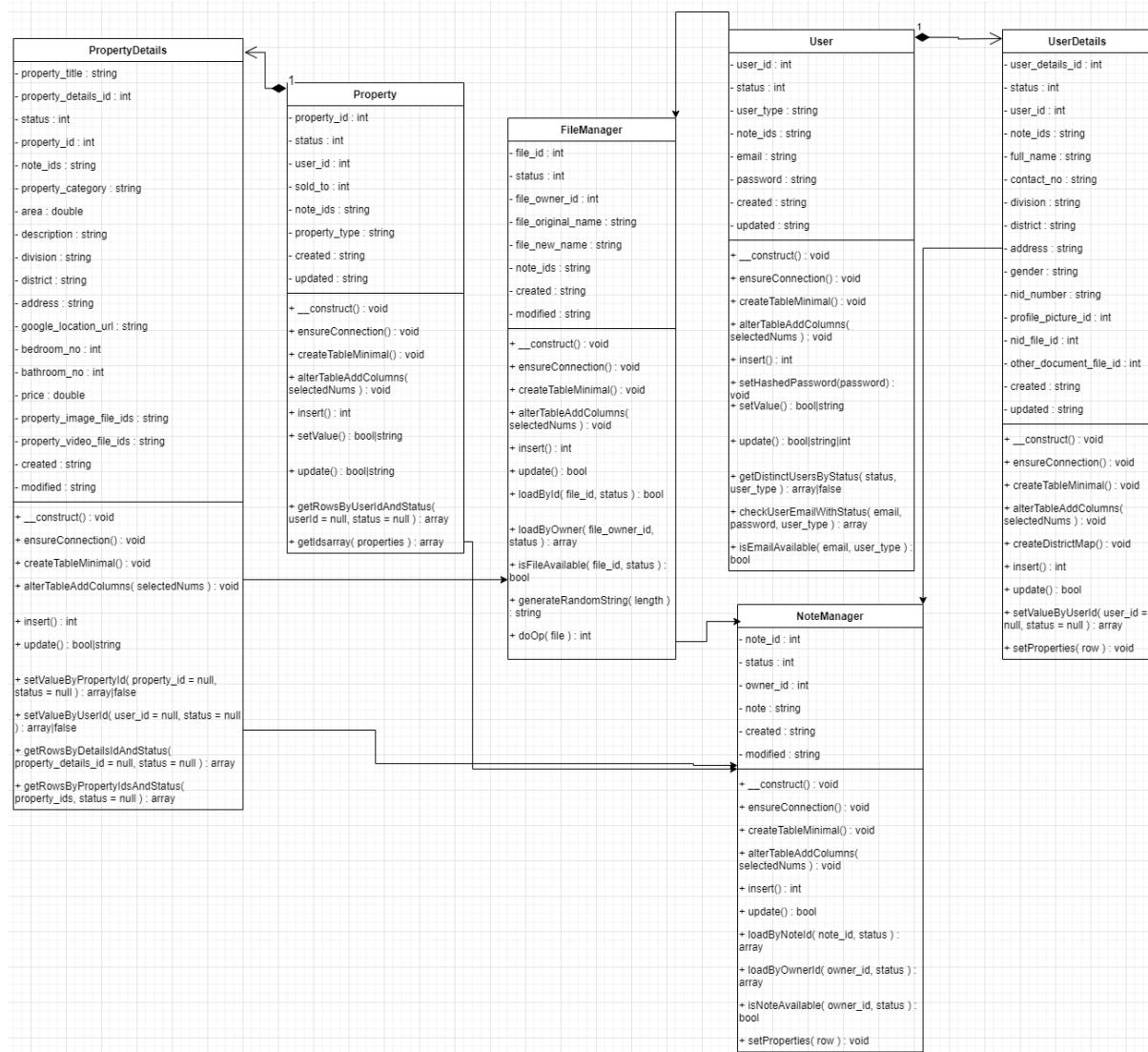
**Property Go**  
**| Authorization | (Diagram : 02)**  
**| Activity Digaram | Level : 1.5**

### 3.3 Database Diagram:

#### 3.3.1 Schema Diagram



### 3.4 Class diagram



# Chapter 4

## Implementation Details

### 4.1 Implementation

Implementation is the stage where theoretical design is turned into a working system. It is one of the most important stages in achieving a new successful system and in giving confidence to the New users to use it more efficiently and effectively. It involves careful coming up with, investigation of this system and its constraints on implementation.

### 4.2 Tools and Technology

#### 4.2.1 Front End Technology

- HTML5
- CSS3
- Javascript
- jQuery
- Bootstrap

#### 4.2.2 Backend Technology

- PHP
- MySQL

#### 4.2.3 Tools

- Visual Studio Code

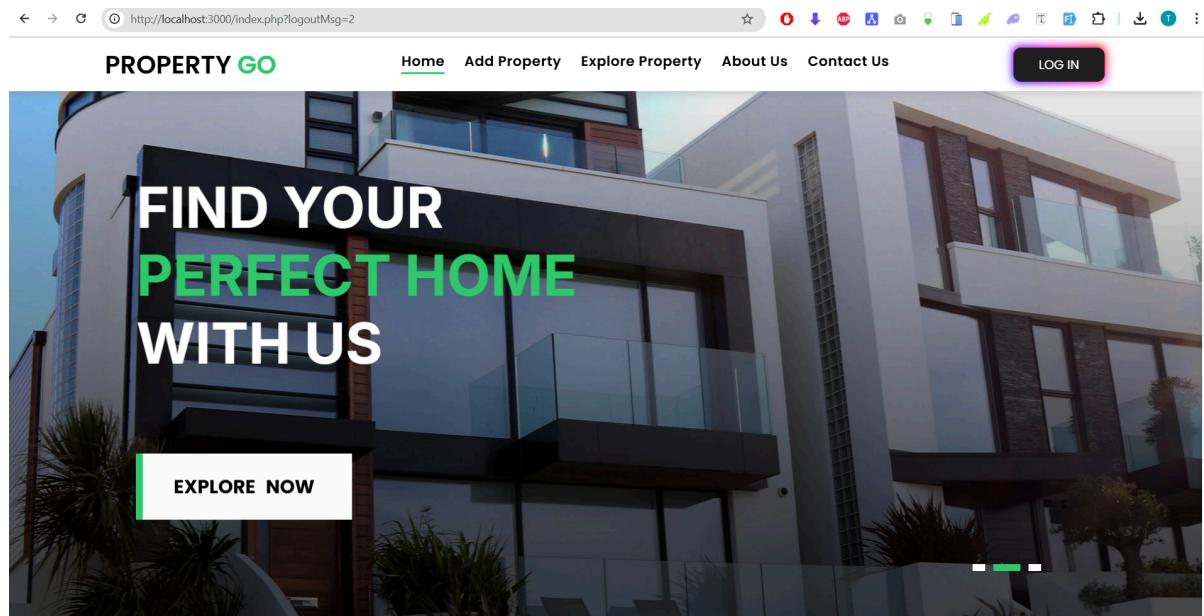
#### 4.2.4 Version Control

- Git

## 4.3 Application Screenshots

### 4.3.1 Client side:

- **Landing page:**



**Figure 4.3.1.1: Landing Page**

- This is the landing page of this project .
- From here clients can see the overview of the system.
- Clients can explore all listed properties by clicking the ‘Explore Now’ button.

- All Listed Property Page

**PROPERTY GO**

Home Add Property Explore Property About Us Contact Us **LOG IN**

## Our Properties

Grid Properties

Home / Properties Grid

**Ea voluptate asperio**

PRICE | 841BDT

[Click here to view >](#)

**Magni eos vitae aut**

PRICE | 432BDT

[Click here to view >](#)

**Quod necessitatibus**

PRICE | 659BDT

[Click here to view >](#)

**Hic eveniet est cor**

PRICE | 627BDT

[Click here to view >](#)

**Quidem suscipit eu c**

PRICE | 301BDT

[Click here to view >](#)

< 1 2 3 >

---

**Get In Touch**

123 Street, New York, USA  
+012 345 67890  
[info@example.com](mailto:info@example.com)

**Quick Links**

- [About Us](#)
- [Contact Us](#)
- [Our Services](#)
- [Privacy Policy](#)
- [Terms & Condition](#)

**Photo Gallery**

**Newsletter**

Dolor amet sit justo amet elitr clita ipsum elitr est.

**SIGNUP**

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^

**Figure : 4.3.1.2 All Listed Property Page**

- After clicking the explore now button of the landing page client can view the all listed properties.
- Clients can explore this page without login and view all listed properties.

- Single Property Page

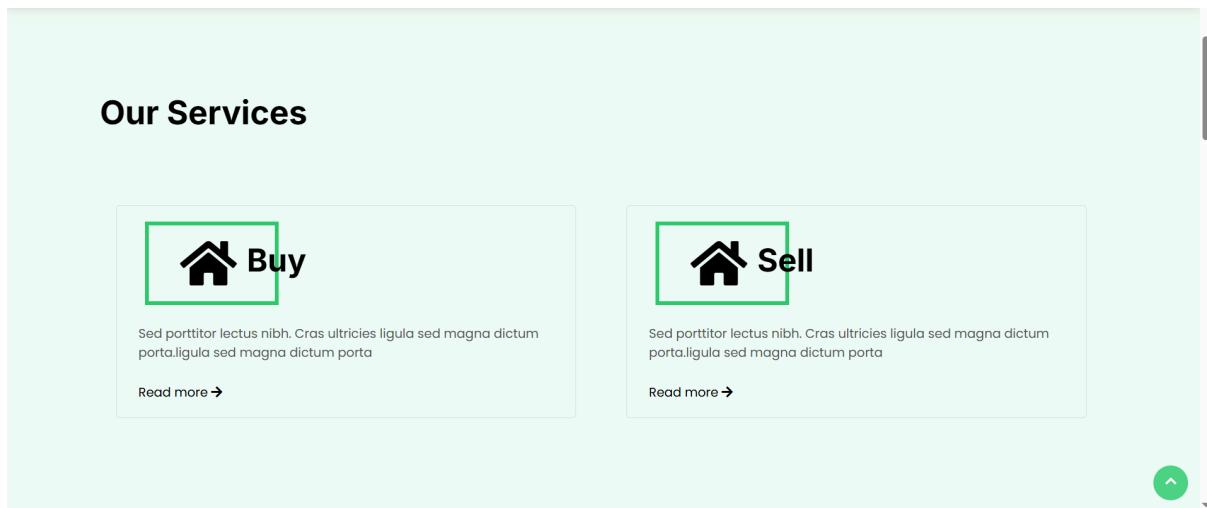
The screenshot displays a single property listing on the 'PROPERTY GO' website. At the top, there's a navigation bar with links for Home, Add Property, Explore Property, About Us, Contact Us, and a purple 'LOG IN' button. Below the navigation, the main content area features a large title 'Ea voluptate asperio' in bold black font. A central image shows a modern house at night. To the left and right of the image are blue navigation arrows. Below the image, a section titled 'Property Description' contains placeholder text 'Esse quibusdam dist' and a table with property details:

<b>Property ID:</b>	5
<b>Property Type:</b>	commercial
<b>Location:</b>	Dolor dolorem commod
<b>BedRooms:</b>	79
<b>BathRooms:</b>	13
<b>Price:</b>	841 Lakh
<b>Area:</b>	31 m <sup>2</sup>

Below the description is a video player showing a 1-second timer, indicating a quick preview or a time-limited offer. The footer of the page includes sections for 'Get In Touch' (address: 123 Street, New York, USA; phone: +012 345 67890; email: info@example.com; social media icons for Twitter, Facebook, YouTube, and LinkedIn), 'Quick Links' (About Us, Contact Us, Our Services, Privacy Policy, Terms & Condition), 'Photo Gallery' (thumbnails of various properties), and a 'Newsletter' sign-up form.

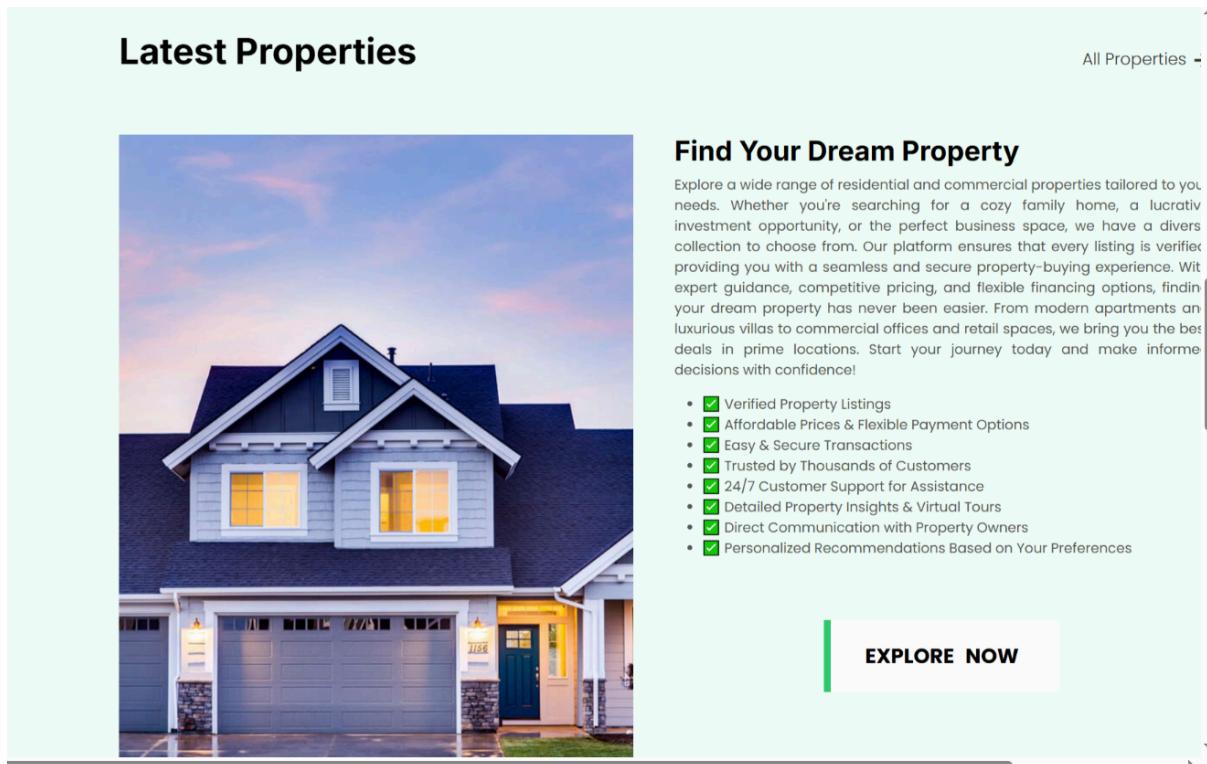
Figure: 4.3.1.3 Single Property Page

- From all listed property pages, choosing to see the details of that property need to click ‘click here to view’ then it will take an overview of that listed property with details.
- Clients can explore this page without login.



**Figure 4.3.1.4 : Landing Page(Our services Section)**

- These services people will get from us.
- Clients can add property with all details for sale.
- Clients can buy property by checking all details.



**Figure 4.3.1.5 : Home Page (Latest Properties Section)**

- Clients can explore latest properties from here
- The properties which are posted recently can get by clicking 'Explore Now' Button.

- All latest property page

**PROPERTY GO**

Home Add Property Explore Property About Us Contact Us **LOG IN**

## Our Latest Amazing Properties

Grid Properties

Home / Properties Grid

**204 Mount Olive Road Two**

RENT | \$ 12.000

[Click here to view >](#)

**204 Mount Olive Road Two**

RENT | \$ 12.000

[Click here to view >](#)

**204 Mount Olive Road Two**

RENT | \$ 12.000

[Click here to view >](#)

**204 Mount Olive Road Two**

RENT | \$ 12.000

[Click here to view >](#)

**204 Mount Olive Road Two**

RENT | \$ 12.000

[Click here to view >](#)

**204 Mount Olive Road Two**

RENT | \$ 12.000

[Click here to view >](#)

< 1 2 3 >

**Get In Touch**

123 Street, New York, USA  
+012 345 67890  
info@example.com

**Quick Links**

- [About Us](#)
- [Contact Us](#)
- [Our Services](#)
- [Privacy Policy](#)
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**Photo Gallery**

**Newsletter**

Dolor amet sit justo amet elit clita ipsum elitr est.

**SIGNUP**

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Home | Cookies | Help | FAQs

**Figure 4.3.1.6 : All Latest Property Page**

- Clients can view all the latest properties from this page.
- Clients can also check all details of the latest properties ‘click here to view’.

- Latest Single Property Page:

**PROPERTY GO**

Home Add Property Explore Property About Us Contact Us **LOG IN**

## Ea voluptate asperio

**Property Description**

Esse quibusdam dist

<b>Property ID:</b>	5
<b>Property Type:</b>	commercial
<b>Location:</b>	Dolor dolorem commod
<b>BedRooms:</b>	79
<b>BathRooms:</b>	13
<b>Price:</b>	841 Lakh
<b>Area:</b>	31 m <sup>2</sup>

1  
SEC  
0:09 / 0:10

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[+012 345 67890](tel:+01234567890)  
[info@example.com](mailto:info@example.com)

**Quick Links**

- > About Us
- > Contact Us
- > Our Services
- > Privacy Policy
- > Terms & Condition

**Photo Gallery**

**Newsletter**

Dolor amet sit justo amet elit clita ipsum elitr est.

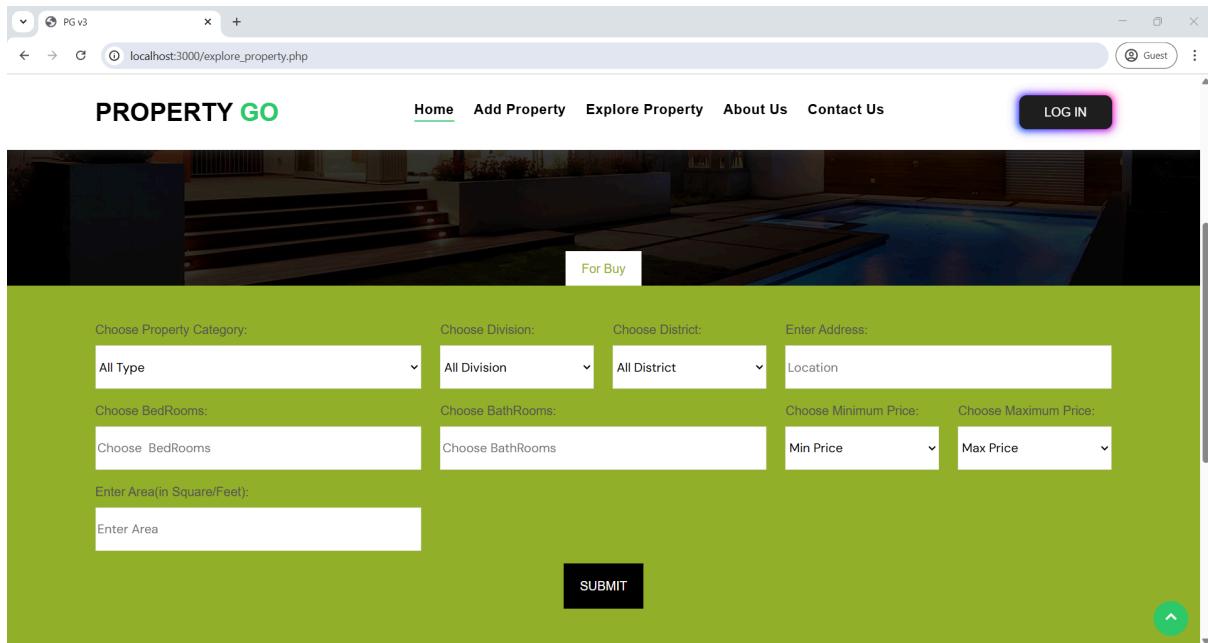
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**Figure 4.3.1.7: Latest Single Property Page**

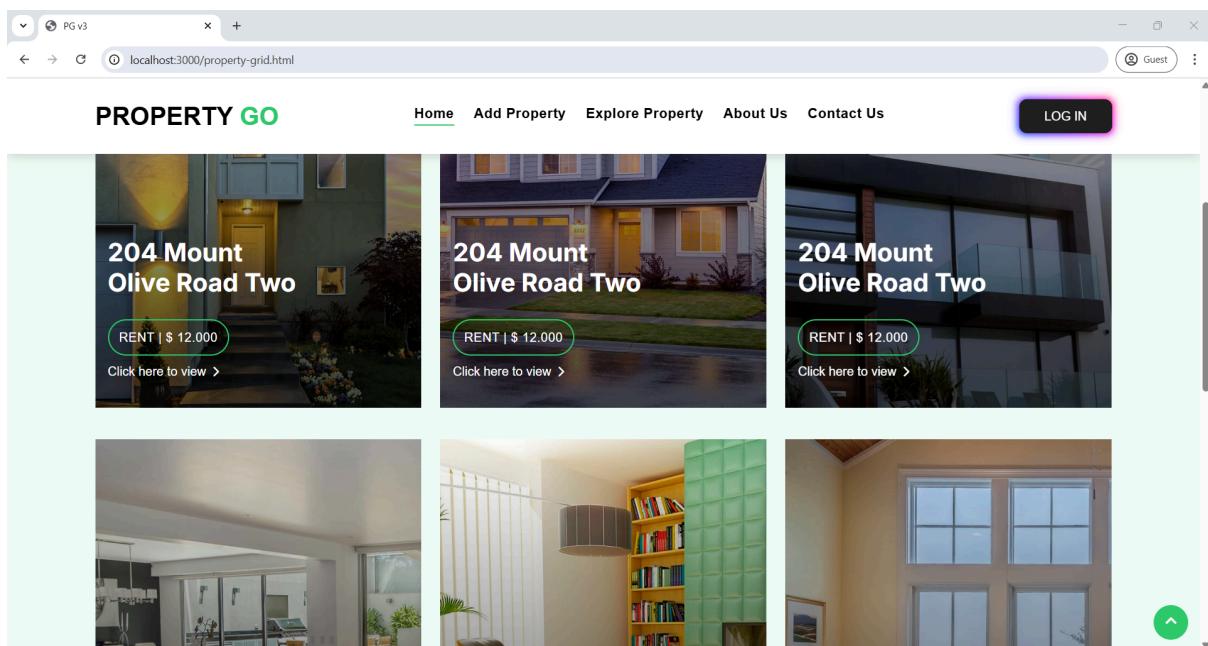
- From the latest property page, choosing to see the details of that property need to click ‘click here to view’ then it will take an overview of that listed property with details.
- Clients can check all details of the latest property from here.

- Explore property Page



**Figure 4.3.1.8 : Explore Properties Page**

- Clients can custom search properties from here.
- Clients can explore properties according to his choice without logging in.



- According to the client's search , the listed property is showing . They can choose any of them and can view the details of it.

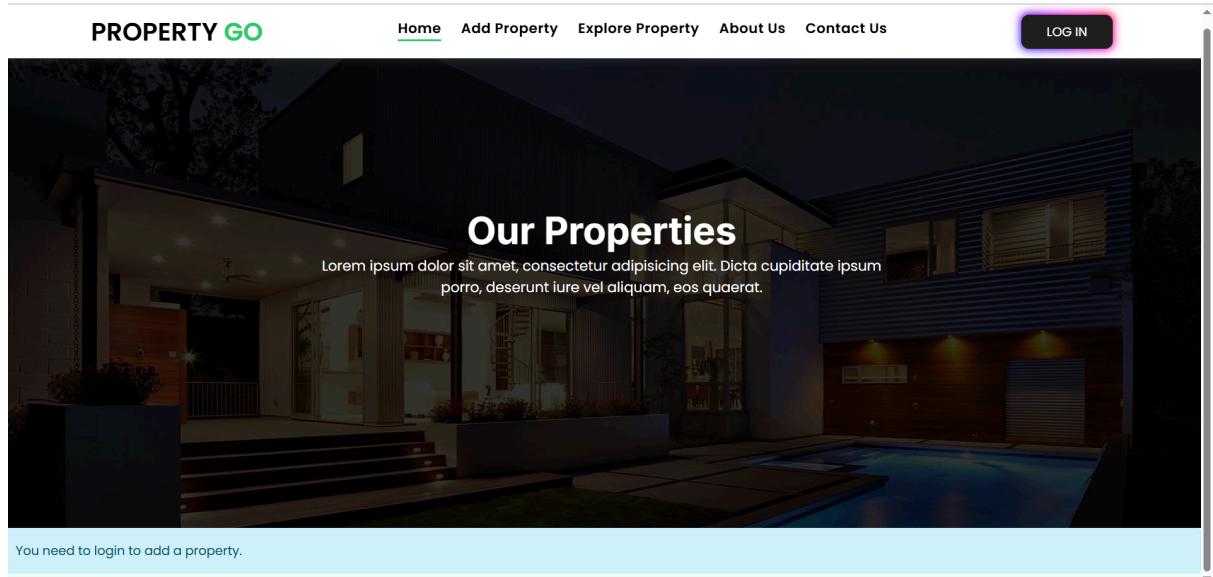
**Figure 4.3.1.9 : All Explored Properties**

The figure consists of two screenshots of a web application interface for 'PROPERTY GO'.  
The top screenshot shows a property listing for an apartment ready for sale at Mirpur, near Baitus Sujud Zaame Masjid. It features a large image of a tiled room with a doorway, flanked by blue navigation arrows. The bottom screenshot shows the detailed description of the property, including its ID (5), type (commercial), location (13. Palbari, Jashore), bed and bath counts (79 and 13), price (841 Lakh), and area (31 m²). A large black redaction box covers sensitive information below the description.

**Figure 4.3.1.10 : Explored one property**

—According to the client's searched property, it shows the listed property. After choosing one property, the client needs to click the ‘click to view details button’ and then explore the chosen property with all details.

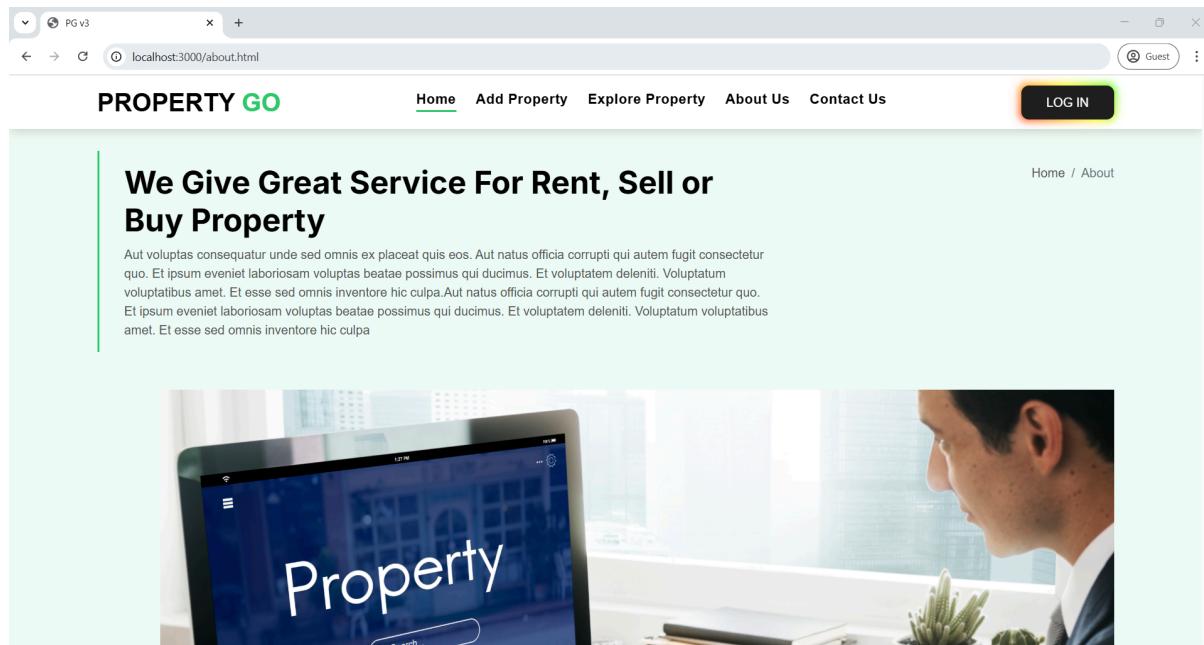
- Add Property Page:



**Figure 4.3.1.11: Add Property Page**

—Client's can add property for sale but need to log in first.

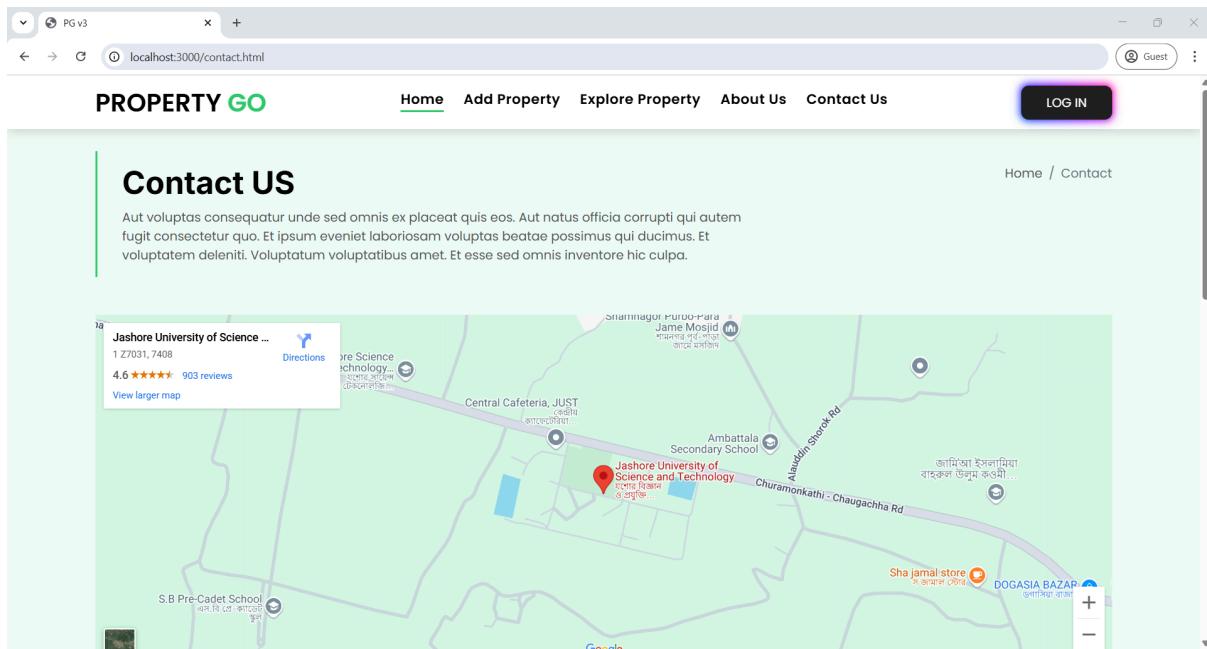
- About Us page



**Figure 4.3.1. 12: About Us Page**

— Clients can explore the service provided by the site through this page.

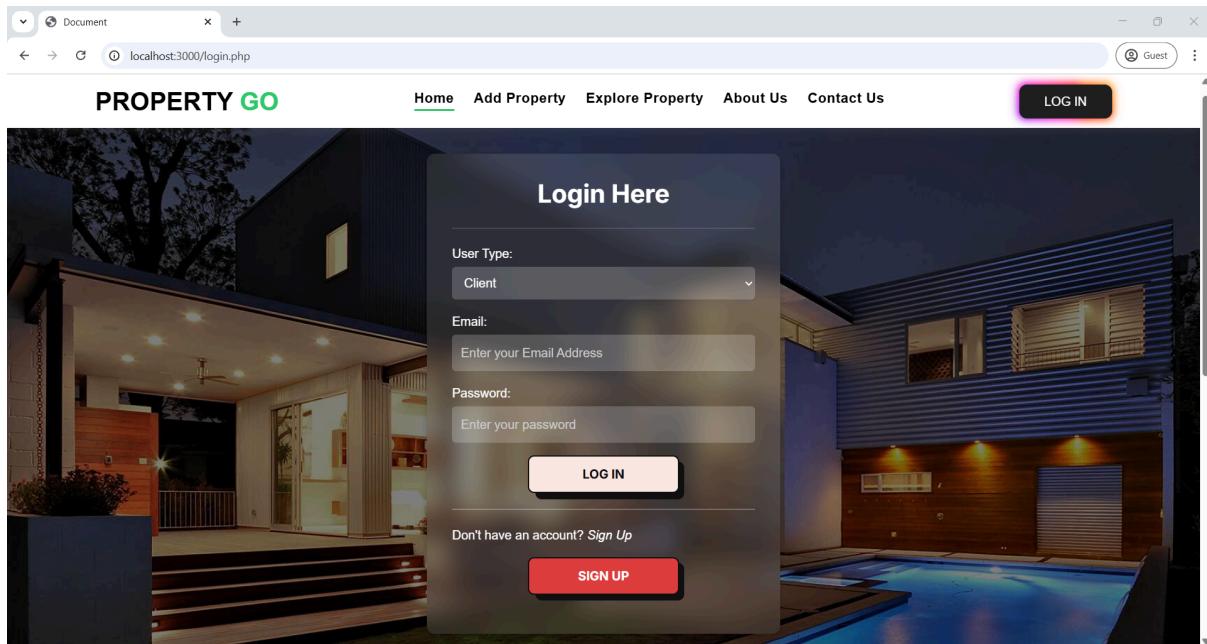
- -Contact Us page



**Figure : 4. 13 Contact Us Page**

– Clients can contact the admin if any problem occurs through this page.

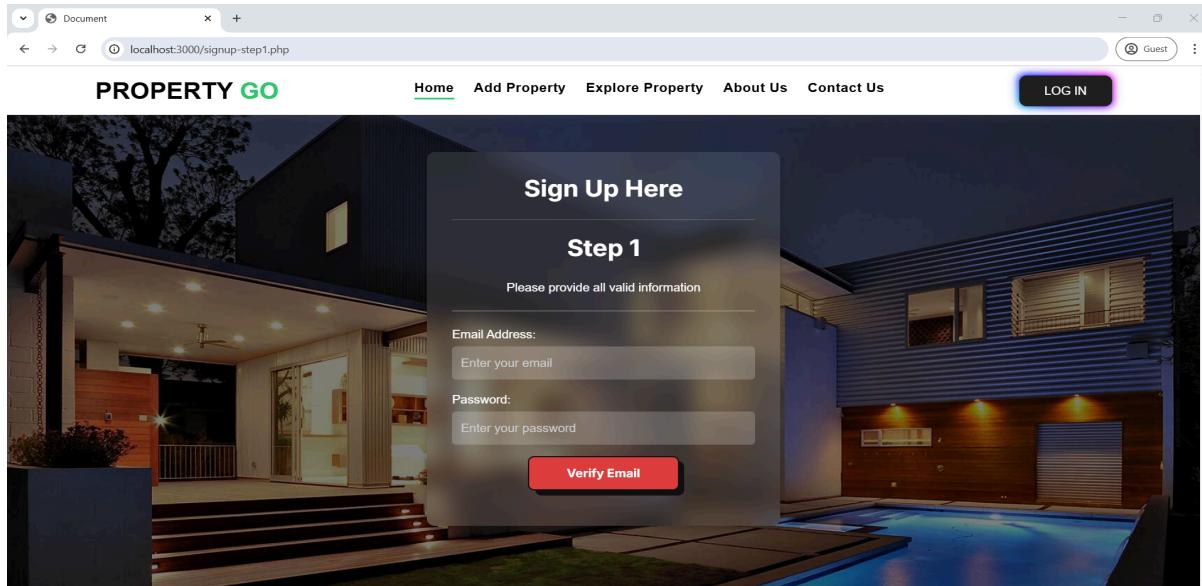
- login page



**Figure : 4.3.1.14 Login Page**

– Need to have an account First.  
– If a client has created an account earlier then login using user Type, Email and password.

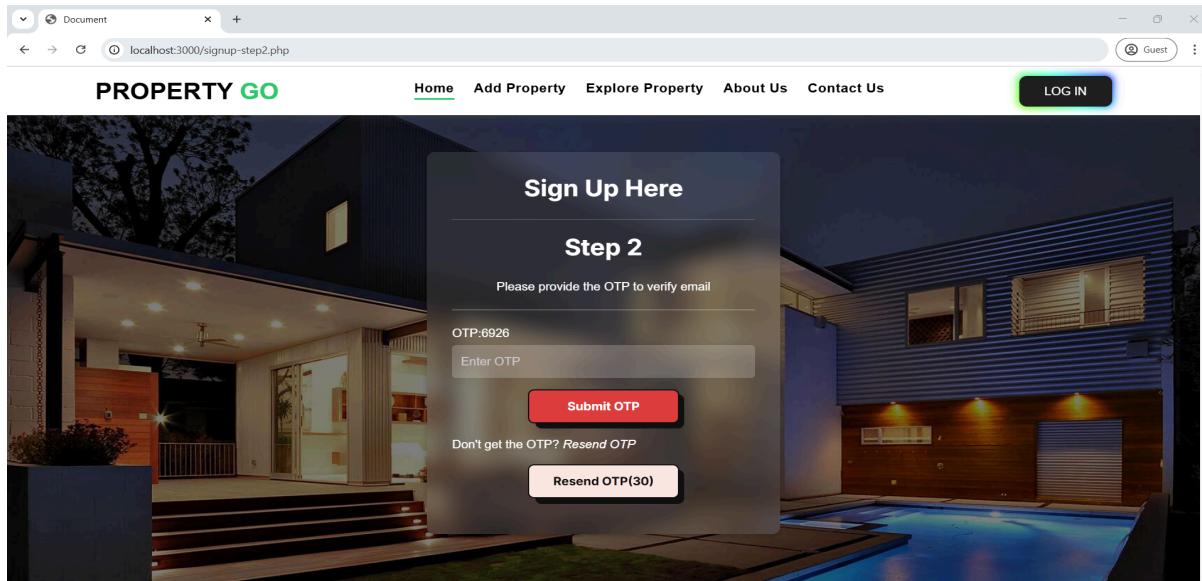
- **Sign Up page (Step -01)**



**Figure: 4. 3. 1. 15 Sign Up (Step - 01) Page**

- If a client has no account then create an account to access the site.
- For creating an account, in step 1 there is a need to verify the email account.

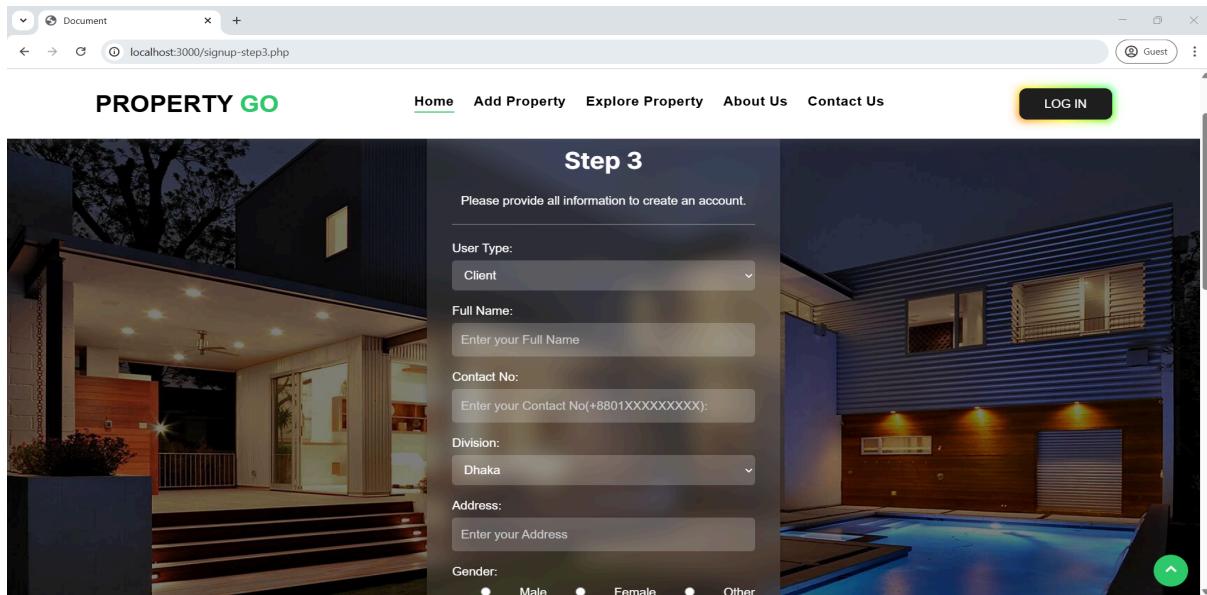
- **Sign Up page (Step -02)**



**Figure 4.3.1.16 sign Up (Step - 02) Page**

- To verify accounts, submit OTP which is given to the client..
- If OTP is not got or time slot ends then request for resend OTP.

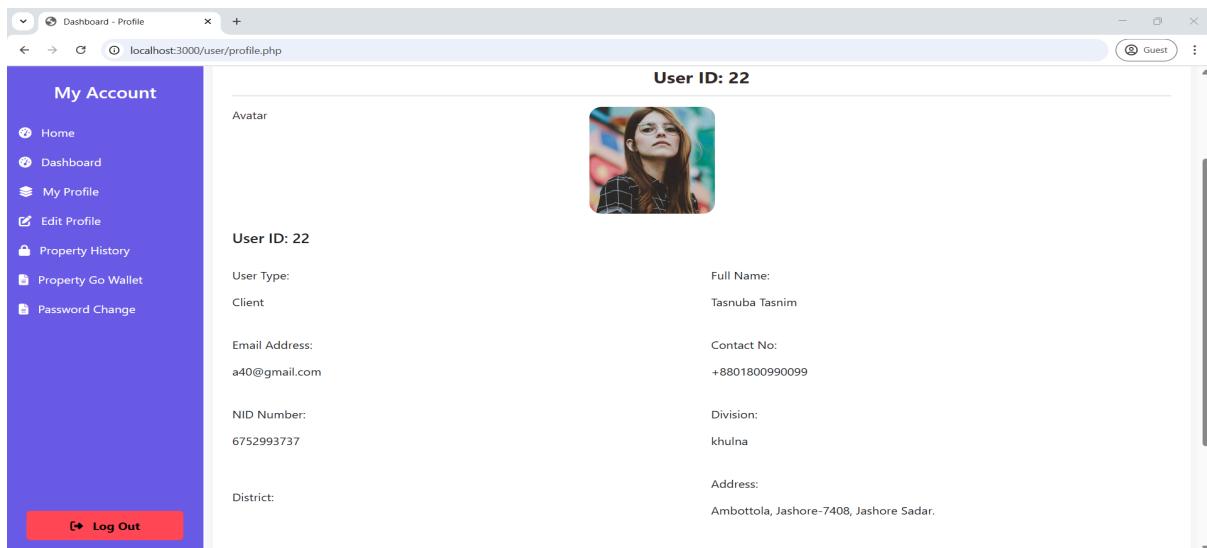
- **Sign Up Page (Step - 03)**



**Figure : 4.3.1.17 Sign Up ( Step -03) Page**

- Provide all information to create an account.
- And wait for admin approval.

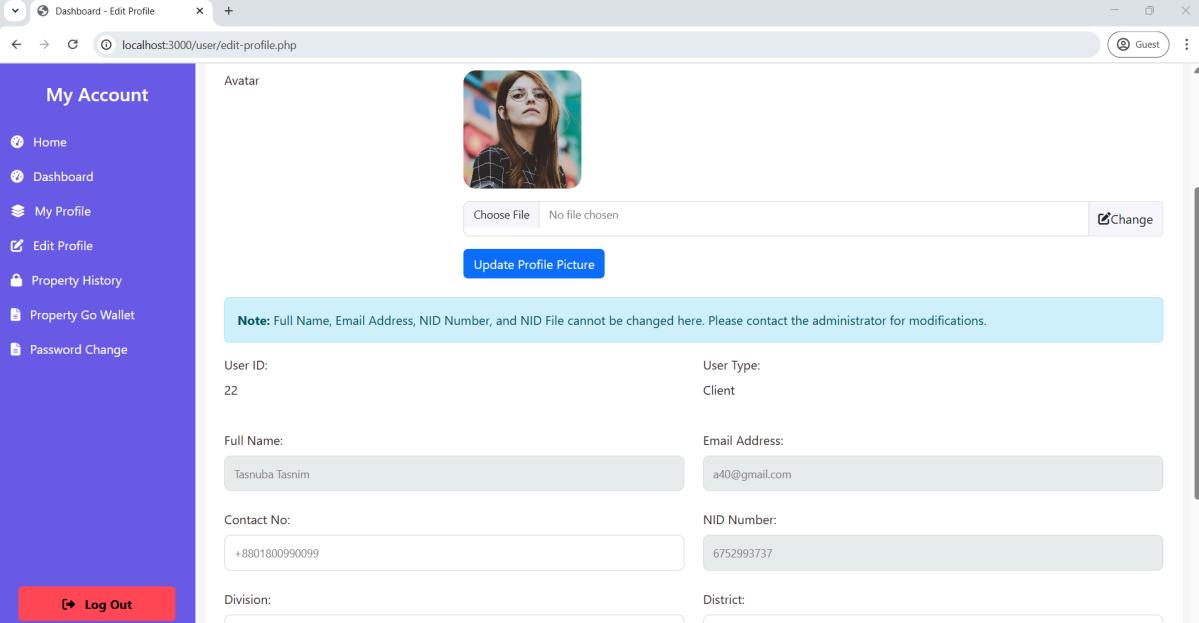
- **My Account Dashboard**



**Figure: 4.3.1.18 (My account dashboard)**

- This is the account Dashboard of a Client.
- Client can view his profile.

- **Edit profile page**

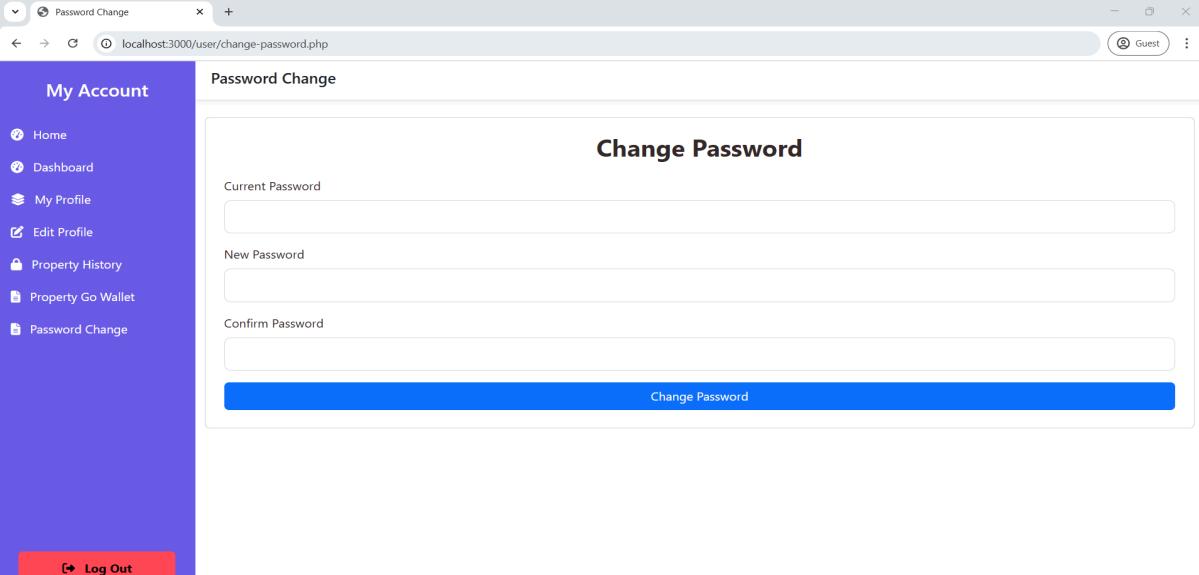


The screenshot shows a web browser window titled "Dashboard - Edit Profile". The URL is "localhost:3000/user/edit-profile.php". On the left, there's a sidebar with a purple header "My Account" and a list of navigation items: Home, Dashboard, My Profile, **Edit Profile**, Property History, Property Go Wallet, and Password Change. A red "Log Out" button is at the bottom. The main content area has a heading "Avatar" with a placeholder image of a person's face. Below it is a file input field with "Choose File" and "No file chosen" and a "Change" button. A blue "Update Profile Picture" button is below that. A note in a light blue box says: "Note: Full Name, Email Address, NID Number, and NID File cannot be changed here. Please contact the administrator for modifications." Below the note, there are fields for User ID (22), User Type (Client), Full Name (Tasnuba Tasnim), Email Address (a40@gmail.com), Contact No (+8801800990099), NID Number (6752993737), Division (Khulna), and District (Select). A vertical scrollbar is on the right side of the main content area.

**Figure 4.3.1.19 Edit Profile Page**

– This is the edit profile page. Clients can edit without confidential information. If he wants to change confidential information he needs to communicate with the admin.

- **Password change page**

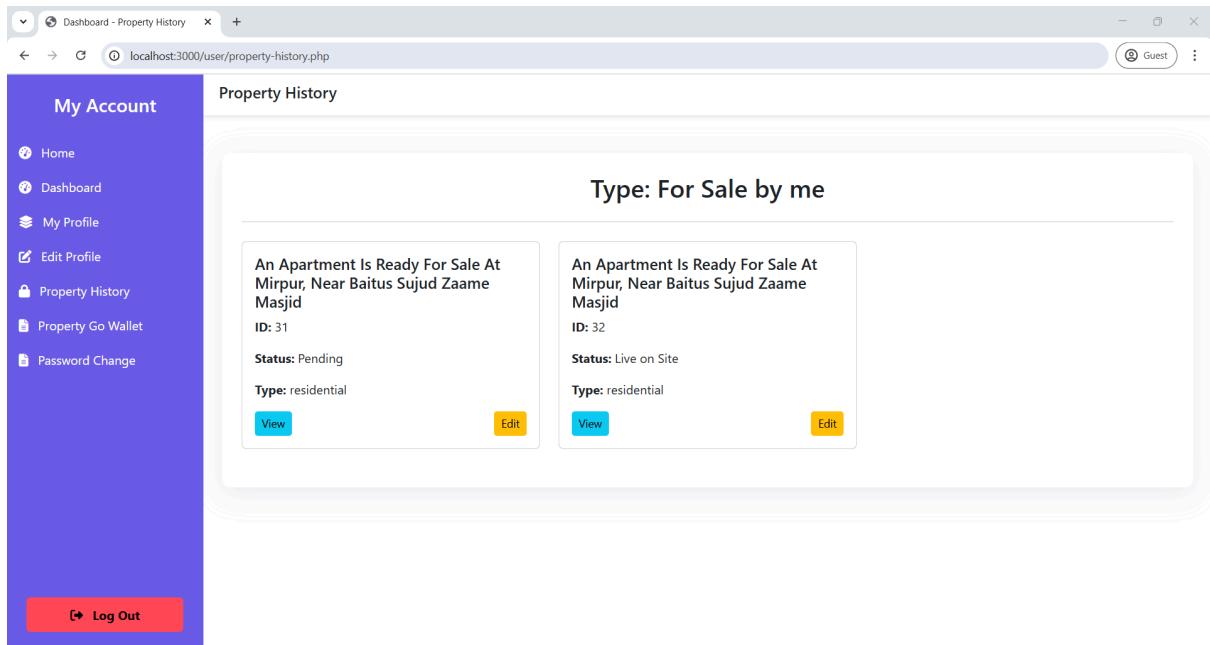


The screenshot shows a web browser window titled "Password Change". The URL is "localhost:3000/user/change-password.php". The sidebar is identical to the previous screenshot. The main content area has a heading "Change Password" and three input fields: "Current Password", "New Password", and "Confirm Password". Below these fields is a large blue "Change Password" button. A red "Log Out" button is at the bottom.

**Figure : 4.3.1.20 Password Change Page for users**

– This is the change password page. Clients can change the password of his account.

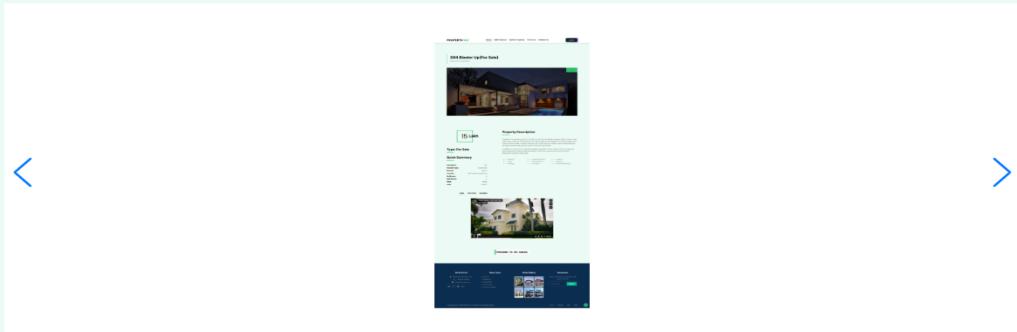
- **Property history Page**



**Figure 4.3.1.21 : (Figure Property History Page)**

- Client can see if he has added a property and he also can edit his post if there is any problem through this page.

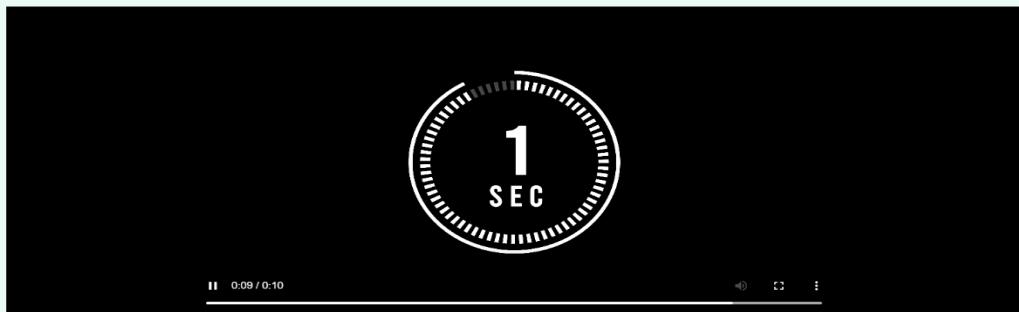
## Ea voluptate asperio



### Property Description

Esse quibusdam dist

<b>Property ID:</b>	5
<b>Property Type:</b>	commercial
<b>Location:</b>	Dolor dolorem commod
<b>BedRooms:</b>	79
<b>BathRooms:</b>	13
<b>Price:</b>	841 Lakh
<b>Area:</b>	31 m <sup>2</sup>



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Dolor amet sit justo amet elit clita ipsum elitr est.

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**Figure 4.3.1.22 : View Post**

- Client can view his post.
- After clicking the view button, the client can view his post with details.

**Property title:**  
Quidem suscipit eu c

**Choose Property Category:** Residential    **Choose Division:** Rangpur    **Enter Address:** Quo perferendis eius

**Choose Bedrooms:** 83    **Choose Bathrooms:** 37    **Enter Price:** 301

**Existing Images:**

**Upload Video:** Choose File No file chosen    **Enter Area (in Square/Feet):** 10

Current video file ID: 131

**Enter Property Description:**  
Et necessitatibus si

**UPDATE PROPERTY**

**Figure 4.3.1.23: Edit posts.**

- Client can edit his post but needs admin approval for this.
- Client can edit his post and wait for the admin's approval.

### ● Add Property Page

**PROPERTY GO** Home Add Property Explore Property About Us Contact Us My Account

**Our Properties**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Dicta cupiditate ipsum porro, deserunt lure vel aliquam, eos quaerat.

**For Sale**

**Property title:** Voluptatem alias qu

**Choose Property Category:** Residential    **Choose Division:** Rangpur    **Enter Address:** Laborum Placeat vo

**Choose Bedrooms:** 57    **Choose Bathrooms:** 12    **Enter Price:** 316

**Upload Image:** Choose File propertyGo2-Page-15.drawio.png    **Upload Video:** Choose File screencapture-loca...7-06\_23\_22 (1).png

**Enter Area (in Square/Feet):** 21

**Enter Property Description:**  
Aperiam quo aut ab q

**SUBMIT**

**Figure 4.3.1.24: Add Property Page**

- Clients can add property for sale.
- After submitting the form, wait for admin approval.

### 4.3. 2 Admin side

- User signup review page:

User ID	Email	User Type	Status	Action
5	c@gmail.com	client	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
6	a1@gmail.com	client	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
8	a22@gmail.com	client	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
9	a31@gmail.com	client	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
10	a4@gmail.com	client	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
11	a5@gmail.com	client	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>

Figure 4.3.2.1: Use sign Up and review Page

- Admin can review user details and can approve or decline user accounts.

### - User management Page:

User ID	Email	User Type	Status	Details	Action
1	qizewinyt@mailinator.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>
12	a6@gmail.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>
14	a9@gmail.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>
15	a10@gmail.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>
20	a00@gmail.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>
21	a01@gmail.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>
22	a40@gmail.com	client	Enable	<a href="#">Details</a>	<a href="#">Disable</a>

Figure 4.3.2.2: User management Page

- Admin can review user details and can enable or disable user accounts according to the need.

- User retrieve or delete Page

User ID	Email	User Type	Status	Details	Action
3	a@gmail.com	client	Account Deleted	<a href="#">Details</a>	<a href="#">Retrieve Account</a>
4	b@gmail.com	client	Account Deleted	<a href="#">Details</a>	<a href="#">Retrieve Account</a>
18	a23@gmail.com	client	Account Deleted	<a href="#">Details</a>	<a href="#">Retrieve Account</a>
1	qizewinyt@mailinator.com	client	Account Retrieved	<a href="#">Details</a>	<a href="#">Delete Account</a>
12	a6@gmail.com	client	Account Retrieved	<a href="#">Details</a>	<a href="#">Delete Account</a>
14	a9@gmail.com	client	Account Retrieved	<a href="#">Details</a>	<a href="#">Delete Account</a>
15	a10@gmail.com	client	Account Retrieved	<a href="#">Details</a>	<a href="#">Delete Account</a>

Figure 4.3.2.3 : User Retrieve or delete Page

– Admin can Retrieve or delete an user according to need.

- Property review page:

Property title	Property ID	Created	Details	Action
An Apartment Is Ready For Sale At Mirpur, Near Baltus Sujud Zaame Masjid	31	2025-03-17 02:04:05	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
Aut quasi autem fugi	17	2025-03-16 01:16:02	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
Commodi animi volup	26	2025-03-16 01:41:28	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
Commodi animi volup	27	2025-03-16 01:41:51	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
Commodi animi volup	28	2025-03-16 01:42:41	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
Commodi animi volup	29	2025-03-16 01:42:53	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>
Corrupti doloremque	20	2025-03-16 01:18:18	<a href="#">Details</a>	<a href="#">Approve</a> <a href="#">Reject</a>

Figure 4.3.2.4: User Retrieve or Delete page

– Admin can review posted properties by the clients and then accept or reject the property according to need.-

- **Property Management Page**

**Property Management**

Property Title	Property ID	Created	Status	Details	Archive
An Apartment Is Ready For Sale At Mirpur, Near Baitus Sujud Zaame Masjid	31	2025-03-17 02:04:05	Active	<a href="#">Details</a>	<a href="#">Archive</a>
An Apartment Is Ready For Sale At Mirpur, Near Baitus Sujud Zaame Masjid	32	2025-03-17 02:05:19	Active	<a href="#">Details</a>	<a href="#">Archive</a>
Aut quasi autem fugi	17	2025-03-16 01:16:02	Active	<a href="#">Details</a>	<a href="#">Archive</a>
Commodi animi volup	26	2025-03-16 01:41:28	Active	<a href="#">Details</a>	<a href="#">Archive</a>
Commodi animi volup	27	2025-03-16 01:41:51	Active	<a href="#">Details</a>	<a href="#">Archive</a>
Commodi animi volup	28	2025-03-16 01:42:41	Active	<a href="#">Details</a>	<a href="#">Archive</a>
Commodi animi volup	29	2025-03-16 01:42:53	Active	<a href="#">Details</a>	<a href="#">Archive</a>

**Figure 4.3.2.5 : Property Management Page**

– Admin can review property details and archive or unarchive the posts according to need.

## Chapter 5

### Conclusion

#### 5.1 Validation

The PropertyGo platform provides a structured and efficient system for property transactions, including property listing, buyer-seller interactions, and administrative approval. However, it has some limitations that we plan to address in future iterations:

- Currently, the platform is available only as a web application, with no dedicated mobile application for users.
- The system requires an active internet connection, as offline access is not yet supported.
- While the platform allows manual approval for property listings, automated verification and approval mechanisms are not yet fully implemented, leading to administrative overhead.

#### 5.2 Future Plans

To improve PropertyGo and provide an even better user experience, we have outlined several enhancements for future versions:

- **Automated Verification and Approval:** Implement automated algorithms to verify user credentials and property listings more efficiently, minimizing manual intervention and speeding up the approval process.
- **Enhanced Notifications:** Integrate SMS and push notifications to provide users with real-time updates on property listings, approvals, and other important events.
- **Advanced Analytics:** Improve the analytics and reporting systems for administrators to gain deeper insights into property trends, user behavior, and market dynamics.

### 5.3 Conclusion

We have successfully developed PropertyGo, an online platform that simplifies property listing, buying, and selling. Despite some limitations, the platform effectively facilitates transactions, ensures security, and provides transparency for both clients and administrators. By utilizing technologies like PHP, MySQL, HTML, CSS, JavaScript, and Bootstrap, we have built a scalable and user-friendly system that serves as a valuable tool for property buyers, sellers, and real estate administrators.

As we move forward, our goal is to continually enhance PropertyGo, expanding its functionality and ensuring that it remains a reliable, secure, and efficient platform for property transactions, helping users around the world find and manage properties seamlessly.