



PropKart: Modern Property Management Platform

A comprehensive real estate solution connecting buyers, sellers, and agents through intelligent technology

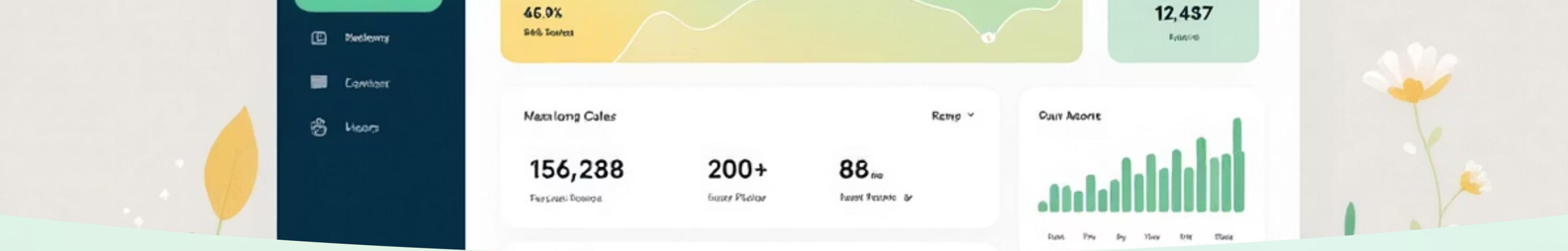
The Real Estate Challenge

Current Market Pain Points

Today's property platforms face significant challenges that frustrate users and slow transactions:

- Fragmented platforms create confusion
- Manual listing processes waste time
- Poor user experience drives people away
- Limited transparency breeds mistrust
- Lack of real-time communication delays deals





Our Solution: PropKart Platform



Unified Platform

One central hub connecting all stakeholders in the property ecosystem seamlessly



AI-Powered

Google Gemini integration providing intelligent search and personalized recommendations



Multi-Role System

Distinct experiences for buyers, sellers, agents, and administrators



Real-Time Communication

Instant messaging and notifications keeping everyone connected

Comprehensive System Architecture

Property Management

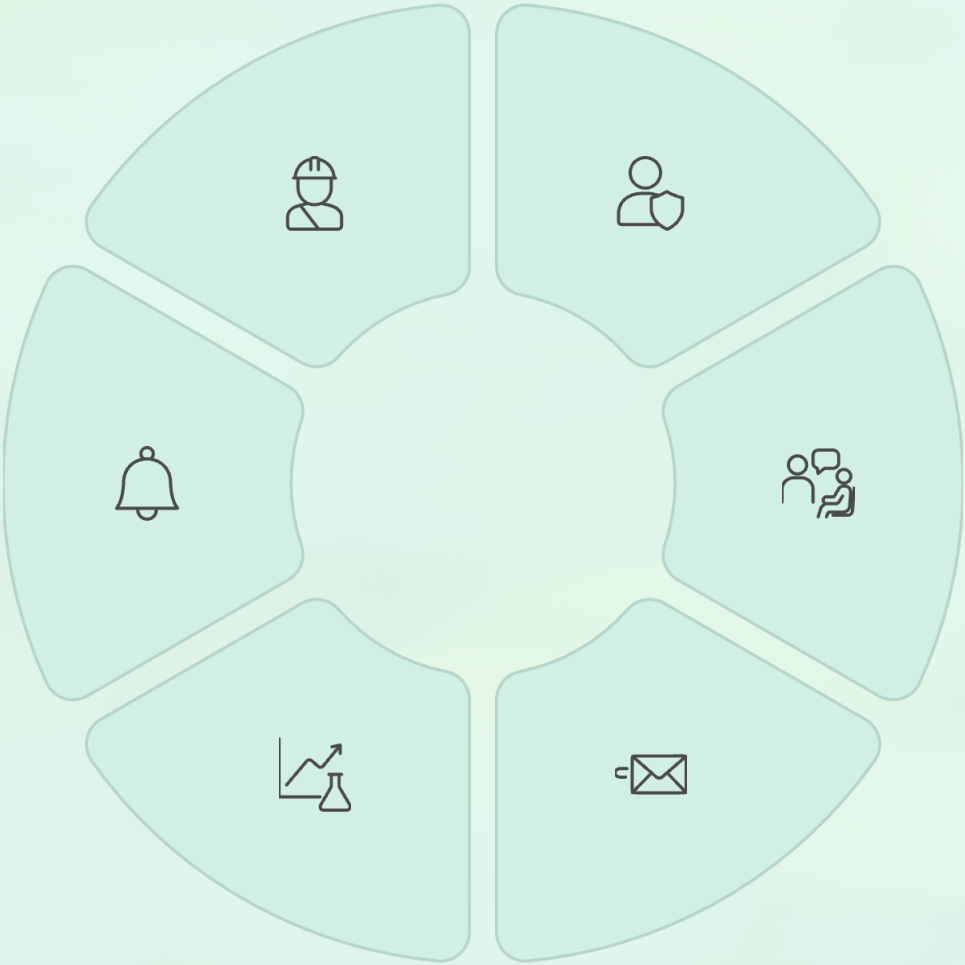
Complete listing lifecycle with advanced search, bulk import, and verification workflows

Notification Center

Smart alerts keeping users informed of messages, enquiries, and property updates

Analytics Dashboard

Real-time insights into property views, enquiries, and user engagement metrics



Authentication & Roles

Secure OTP-based verification with role-specific dashboards and permissions

AI Assistant

Natural language property search with contextual recommendations and conversation tracking

Communication Hub

Direct messaging, formal enquiries, and visit scheduling in one integrated system

Advanced Property Management Features

01

Comprehensive Listing Tools

Create, edit, and manage properties with multiple high-quality images. Sellers control every aspect of their listings with an intuitive interface.

02

Bulk Import Capability

Import hundreds of properties instantly via CSV files with image URLs, dramatically reducing time-to-market for agencies.

03

Intelligent Search Engine

AI-powered search understands natural language queries, filtering by location, price, features, and more with remarkable accuracy.

04

Admin Verification System

Quality control through administrator approval ensures only legitimate, high-quality properties appear on the platform.



User Experience Across All Roles

Buyers

Search properties, save favorites to wishlist, send enquiries, schedule visits, and chat with sellers—all from one dashboard.

Sellers

Manage listings, track analytics, respond to enquiries, coordinate visits, and communicate directly with interested buyers.

Administrators

Verify properties, manage users, oversee platform activity, and ensure quality standards across the entire ecosystem.

Cutting-Edge Technology Stack

Backend Infrastructure

Django 5.2.5 Framework

Robust, scalable Python framework powering the entire application with proven reliability

SQLite Database

Optimized queries and efficient data storage with room to scale to PostgreSQL

Django Authentication

Secure user management with OTP-based email verification and password reset

SMTP Integration

Reliable email delivery for notifications, verifications, and user communications

Frontend Experience

Bootstrap 5.3

Modern, responsive design system ensuring beautiful interfaces across all devices

Custom CSS3

Branded styling and animations creating a unique, memorable user experience

JavaScript & AJAX

Dynamic interactions and asynchronous updates without page refreshes

Semantic HTML5

Clean, accessible markup optimized for performance and SEO

Project Success Metrics

95%

Feature Completion

Successfully delivered nearly all planned core functionality ahead of schedule

4

User Roles

Distinct, optimized experiences for buyers, sellers, visitors, and admins

13+

Test Cases

Comprehensive testing ensuring quality, security, and reliability

The platform successfully integrates AI assistance, real-time messaging, bulk data management, and advanced analytics—delivering a complete, production-ready solution that transforms how properties are bought and sold.



Vision for the Future



Native Mobile Apps

Launch iOS and Android applications for seamless property browsing on the go



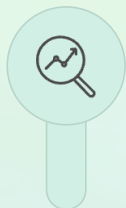
Payment Integration

Integrate Razorpay and Stripe for secure deposits and transaction processing



Google Maps Integration

Interactive property locations with neighborhood insights and street views



Advanced Analytics

Heatmaps, conversion funnels, and predictive insights for sellers and agents



Multi-language Support

Expand reach with i18n implementation supporting regional languages

Key Learnings & Impact

Technical Mastery

Gained deep expertise in Django full-stack development, AI integration with Google Gemini, complex file handling, and building scalable architectures.

Agile Excellence

Successfully executed 2-week sprints, delivering iterative improvements while maintaining code quality and user-focused design principles.

Real-World Impact

Created a platform that streamlines property transactions, reduces friction, and leverages AI to provide unprecedented value to all stakeholders.

PropKart demonstrates how modern technology can transform traditional industries, making real estate more accessible, transparent, and efficient for everyone.



Conclusion: PropKart's Key Achievements

PropKart stands as a testament to innovative problem-solving in the real estate sector, delivering a robust platform with significant capabilities:



Complete Platform

A fully functional, end-to-end property management solution, ready for deployment and immediate value creation in the market.



Streamlined Transactions

Revolutionizing real estate processes by reducing complexities, accelerating property buying, selling, and managing interactions.



AI-Powered Innovation

Leveraging Google Gemini for intelligent search, personalized recommendations, and an enhanced, intuitive user experience.



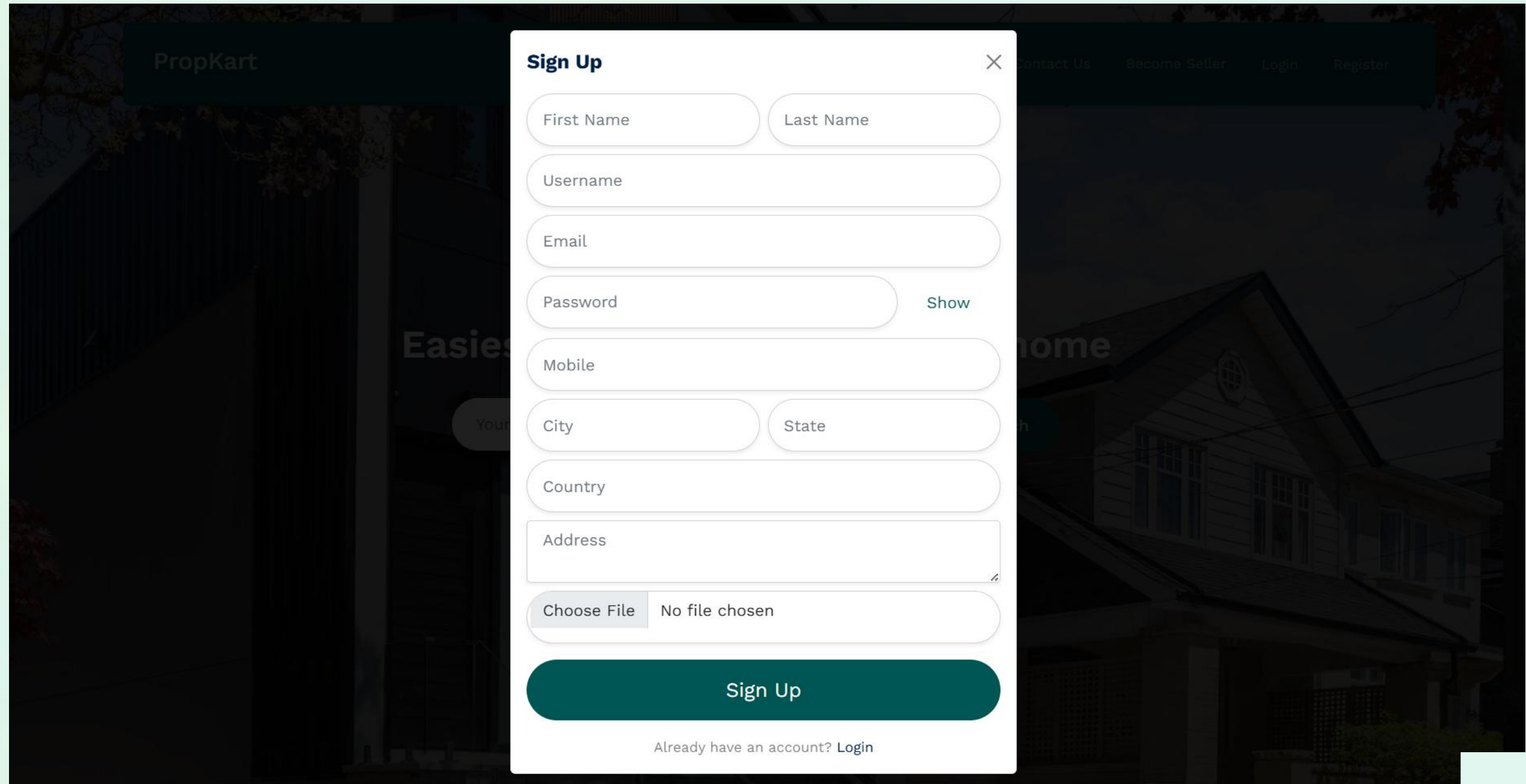
Future-Proof Scalability

Designed with a modular architecture that supports easy expansion and seamless integration of new features and services for sustained growth.

PropKart is more than just a platform; it's a strategic asset poised to redefine efficiency and intelligence in property management.

Screenshots :

Sign Up



The screenshot shows a 'Sign Up' modal form for PropKart. The form is white with rounded corners and a dark teal 'Sign Up' button at the bottom. It includes fields for First Name, Last Name, Username, Email, Password (with a 'Show' toggle), Mobile, City, State, Country, and Address. A file upload section shows 'Choose File' and 'No file chosen'. A link to 'Login' is provided for existing users. The background is a dark, blurred image of a house with the PropKart logo and navigation links visible.

Sign Up ✕

First Name Last Name

Username

Email

Password Show

Mobile

City State

Country

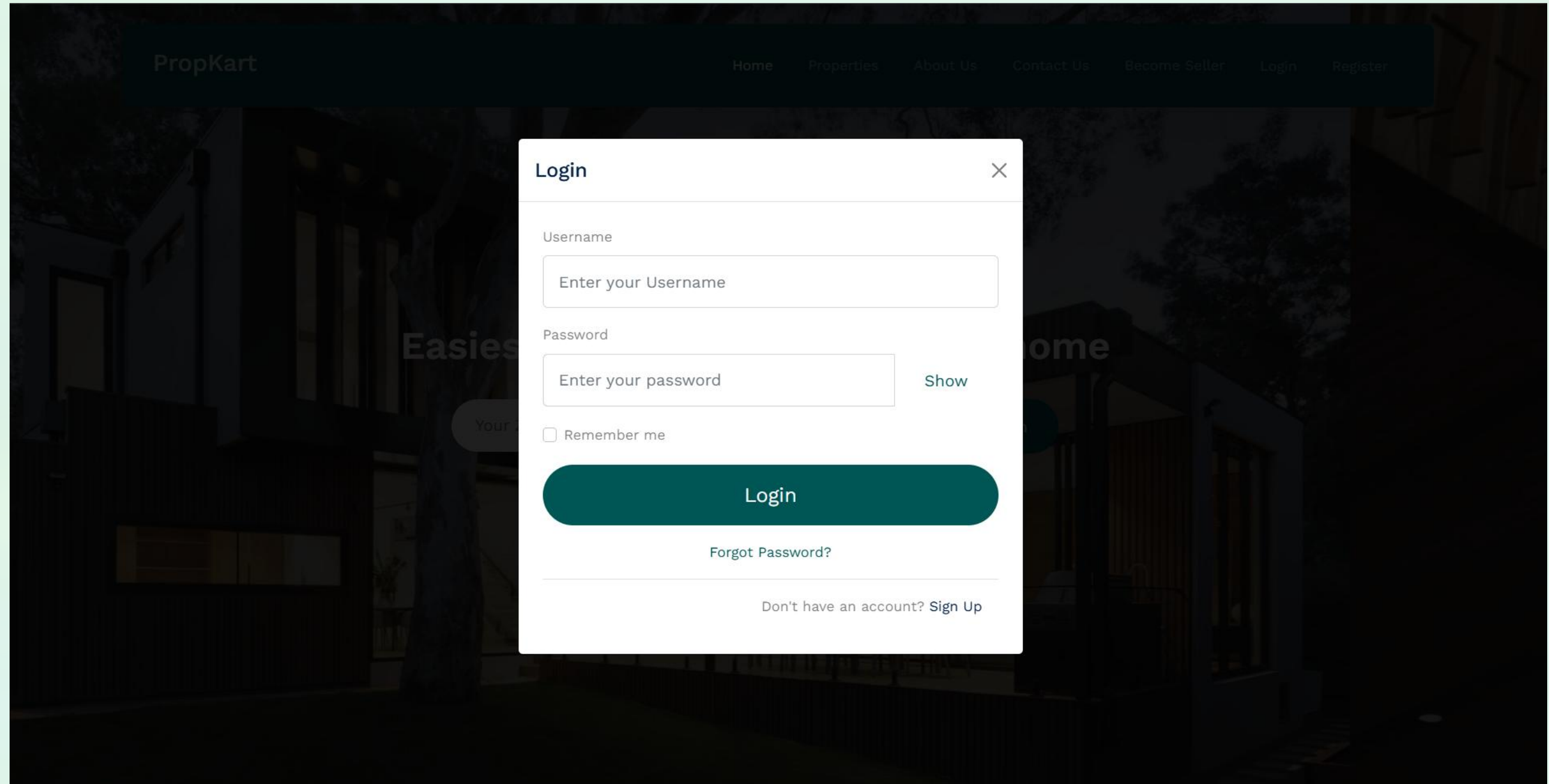
Address

Choose File No file chosen

Sign Up

Already have an account? [Login](#)

Log In



Profile



Vivek Prajapati

buyer

Profile Info

Edit Profile

Email: viveklj2705@gmail.com

Mobile: 8849721477

City: Ahmedabad

State: Gujarat

Country: India

Address:

CONTACT

43 Raymouth Rd. Baltemoer, London 3910

+1(123)-456-7890

+1(123)-456-7890

info@mydomain.com

SOURCES

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LINKS

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Edit Profile

PropKart

[Home](#)[Properties](#)[About Us](#)[Contact Us](#)[Become Seller](#)[Vivek Prajapati](#)



Vivek Prajapati

buyer

Profile Info

Edit Profile

Profile Picture

Choose File

No file chosen

First Name

Last Name

Vivek

Prajapati

Email

Mobile

viveklj2705@gmail.com

8849721477

City

State

Ahmedabad

Gujarat

Country

India

Address

Cancel

Reset

Save Changes

Properties Listing



Enter city, area, or landmark



Search

Popular:

Mumbai

Delhi

Bangalore

Pune

Home / Properties

3 Properties Found

Discover your perfect home

Sort by:

Newest First



Filter Properties

Clear All



Property Type



☐ Apartment

☐ House

Apartment

₹3200000



Cozy 1BHK Apartment

Vadodara, Gujarat

House

₹9500000



Independent House with
Terrace

Villa

₹15000000



Luxury Villa with

Surat, Gujarat

PropKart
Assistant



Properties Wishlist


My Wishlist

Saved properties you love (2)

[Back to Properties](#)

Villa

5000



Luxury Villa with Garden

📍

Surat, Gujarat

4 beds

🚿 4 baths


👁 1 views

₹15000000 total

View Details

Apartment

3200



Cozy 1BHK Apartment

📍

Vadodara, Gujarat

1 beds

🚿 1 baths

👁 2 views

₹3200000 total

View Details

CONTACT

SOURCES

LINKS

PropKart Assistant

Visit Request

PropKart

Home

Properties

Wishlist

My Visits

Messages

About Us

Contact Us

Seller Dashboard

Vivek Prajapati



My Visit Requests

Track your property visit requests

[Browse Properties](#)

1

Total Requests

1

Pending

0

Approved

Luxury Villa with Garden

Pending



Surat, Gujarat

₹15000000

Requested Date:

Oct 17, 2025 at 8:00 AM

Alternative: Oct 19, 2025 12:00 PM

Requested on Oct 14, 2025



PropKart
Assistant



Message Chat

Seller Panel

[Buy Property](#) [Dashboard](#) [My Properties](#) [Add Property](#) [Import CSV](#) **[Messages](#)** [Profile](#) [Log Out](#)

Conversations

Krishna Purohit
2BHK Apartment in Mumbai Suburbs
Oct 02, 2025 19:53

Conversation

[Delete Selected](#) [Clear Chat](#)

Good
Oct 02, 2025 19:53

☐ Nice
Oct 02, 2025 20:02

Type a reply...

Send

Seller Dashboard

Welcome back, Vivek! 

+ Add New Property

Manage your properties and grow your business



7

Active Listings



2

Total Enquiries

1 new



1

Visit Requests



2

Pending Approvals

Recent Properties

View All →

|  PROPERTY |  CITY |  PRICE |  STATUS |
|--|--|---|--|
|--|--|---|--|







Spacious 3BHK Penthouse



Vivek Prajapati

Seller Dashboard

| | | | | |
|---|--|-----------|-----------|---------|
|  | Luxury Villa with Pool 4 BHK • 2000.00x1500.00 sq ft | Bangalore | ₹32500000 | PENDING |
|  | Cozy Family House 3 BHK • 1200.00x800.00 sq ft | Delhi | ₹12500000 | ACTIVE |
|  | Modern 2BHK Apartment 2 BHK • 900.00x600.00 sq ft | Mumbai | ₹8500000 | PENDING |
|  | 2BHK Apartment in Mumbai Suburbs 2 BHK • 50.00x35.00 sq ft | Thane | ₹8500000 | ACTIVE |

Recent Messages

View All →

Krishna Purohit

Good

READ

1 week, 4 days ago

Seller Since 2025

Edit Profile

Quick Actions

+ Add Property

Enquiries

Visit Requests

Analytics

Support

Recent Notifications

New Visit Request

1 week, 4 days ago

New message received

My Properties

Seller Panel

[Buy Property](#) [Dashboard](#) [My Properties](#) [Add Property](#) [Import CSV](#) [Messages](#) [Profile](#) [Log Out](#)

My Properties

Manage and track your property listings

[+ Add New Property](#)

7

Total Properties

7

Active Listings

4

Total Views

0

Enquiries

All Properties

Verified

Pending

Furnished

☐ Select all

☐ Delete selected



Import Bulk Data

Import Properties (CSV + Images) ✕

CSV File

Choose File

No file chosen

CSV file containing property data

Images ZIP File

Choose File

No file chosen

ZIP file containing property images. Max 50MB. Images should be named as referenced in CSV.

Cancel

Upload & Import

CSV Columns (ALL REQUIRED):

external_id, title, description, price, location, city, state, country, type, length, width, rooms, bedrooms, bathrooms, furnished, images

Images Column Format:

Comma-separated filenames: "image1.jpg,image2.jpg,image3.jpg"

ZIP Structure:

All images should be in the root of the ZIP file. Supported formats: JPG, JPEG, PNG, WEBP

Property Enquiries

Seller Panel

[Buy Property](#) [Dashboard](#) [My Properties](#) [Add Property](#) [Import CSV](#) [Messages](#) [Profile](#) [Log Out](#)

Property Enquiries

Manage all buyer enquiries here

[View in Messages](#)

Note: Enquiries from registered users also appear in your **Messages** section for easy conversation management.

2










Total Enquiries

1

New Enquiries

1

Replied

| Buyer | Property | Message | Contact | Date | Actions | | | |
|---|---|----------|------------|-------------------------|---|---|---|---|
| <div></div> <div>Non New non@gmail.com</div> | Modern House 123 Main Street, Springfield, IL | Hey | 7788995544 | Oct 02, 2025 9:03 AM |  |  |  |  |
| <div></div> <div>Non Replied non@gmail.com</div> | Modern House 123 Main Street, Springfield, IL | Liked it | 7788995544 | Oct 02, 2025 8:56 AM |  |  | |  |

Visit Requests (Seller)

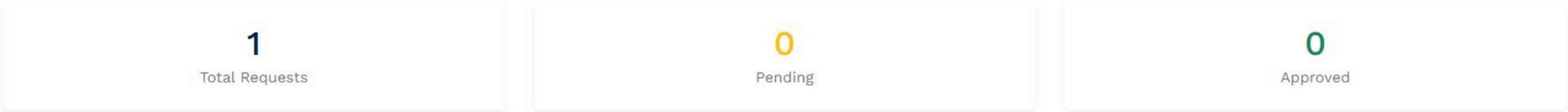
Seller Panel


[Buy Property](#) [Dashboard](#) [My Properties](#) [Add Property](#) [Import CSV](#) [Messages](#) [Profile](#) [Log Out](#)

Visit Requests

Manage property visit requests from buyers

[Back to Dashboard](#)



| Visitor | Property | Preferred Date/Time | Status | Actions |
|--|--|---|---|-------------------------|
| <div><div></div><div>Krishna Purohit krishalj2410@gmail.com 8469407881 3 visitors</div></div> | Modern 2BHK Apartment Ahmedabad, Gujarat | Oct 14, 2025 9:00 AM <hr/> Alt: Oct 19, 2025 | <div>Completed</div> <div>Confirmed: Oct 14, 2025 9:00 AM</div> | Details |

Analytics Dashboard(Static)(Soon Complete)

Seller Analytics Dashboard

Performance overview of your listings

Total Properties

12

+2 this month

Enquiries

48

+15% growth

Visits

3.2k

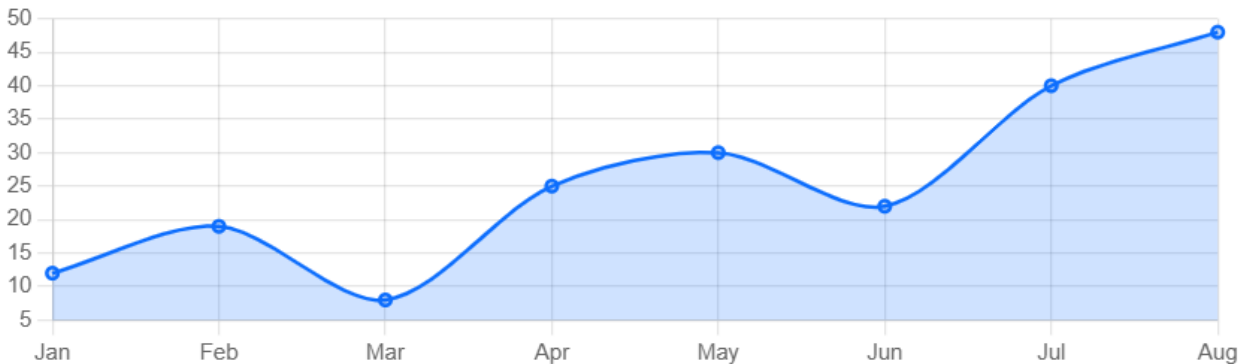
-5% this week

Conversions

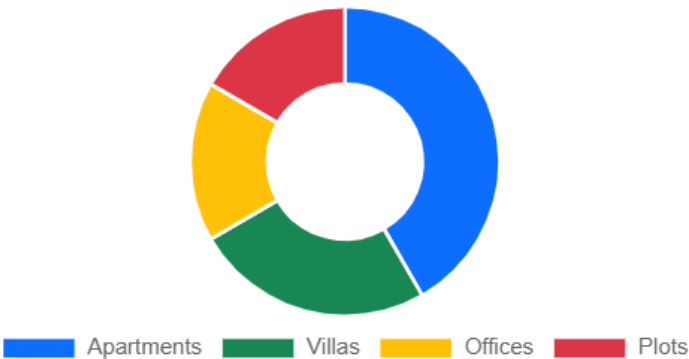
18

+3 closed deals

Enquiries Trend



Property Distribution



Visitor Insights

