

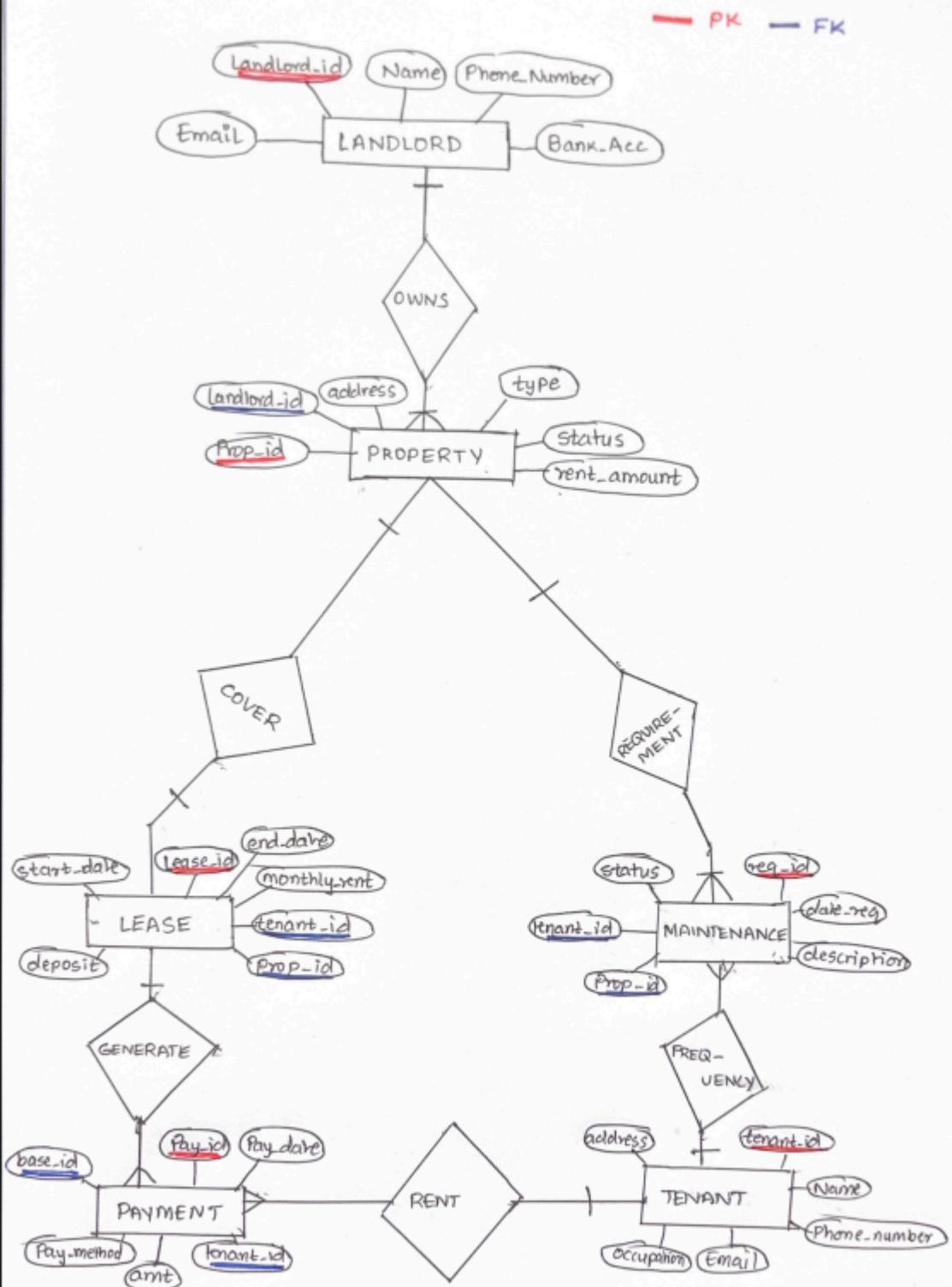
AIR-DND!

The go-to rental management system

- **Made by:** Dhruv Pathak (U24CS018) and Nandini Ghosh (U24CS013)
- **Description:**

The House Rental Management System is designed to simplify and digitalize the process of managing rental properties. Traditional rental management often involves manual record-keeping, delayed communication, and difficulty tracking rent payments and maintenance requests. This project addresses these issues by providing a centralized platform where landlords and tenants can interact efficiently. The system automates key tasks such as rent collection, tenant management, lease tracking, and maintenance scheduling, ensuring accuracy, transparency, and convenience for all users.
- **Entities and Attributes (PK highlighted yellow, FK highlighted pink):**
 - 1. Tenant:** (Tenant_ID, Name, Phone_Number, Email, Occupation, Permanent_Address)
 - 2. Landlord:** (Landlord_ID, Name, Phone_Number, Email, Bank_acc)
 - 3. Property:** (Prop_ID, Address, Type, Rent_Amount, Status, Landlord_ID)
 - 4. Lease:** (Lease_ID, Start_Date, End_Date, Monthly_Rent, Deposit, Tenant_ID, Prop_ID)
 - 5. Payment:** (Pay_ID, Pay_Date, Amount, Pay_Method, Tenant_ID, Lease_ID)
 - 6. Maintenance:** (Req_ID, Req_Date, Description, Status, Prop_ID, Tenant_ID)
- **Entity-Relationship Diagram (ER Diagram):**

⇒ ENTITY RELATIONSHIP DIAGRAM (ER-DIAGRAM):



- **Entity and relationship tables:**

	email	landlord_id	name_landlord	phone	bank_acc
*	NULL	NULL	NULL	NULL	NULL

[landlord 1](#) [x](#) [property 2](#) [tenant 3](#) [lease 4](#) [payment 5](#) [maintenance 6](#)

	prop_id	landlord_id	address	type_prop	status_prop	rent_amt
*	NULL	NULL	NULL	NULL	NULL	NULL

[landlord 1](#) [property 2](#) [x](#) [tenant 3](#) [lease 4](#) [payment 5](#) [maintenance 6](#)

	tenant_id	occupation	address	email	name_t	phone
*	NULL	NULL	NULL	NULL	NULL	NULL

[landlord 1](#) [property 2](#) [tenant 3](#) [x](#) [lease 4](#) [payment 5](#) [maintenance 6](#)

	lease_id	prop_id	tenant_id	monthly_rent	end_date	start_date	deposit
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

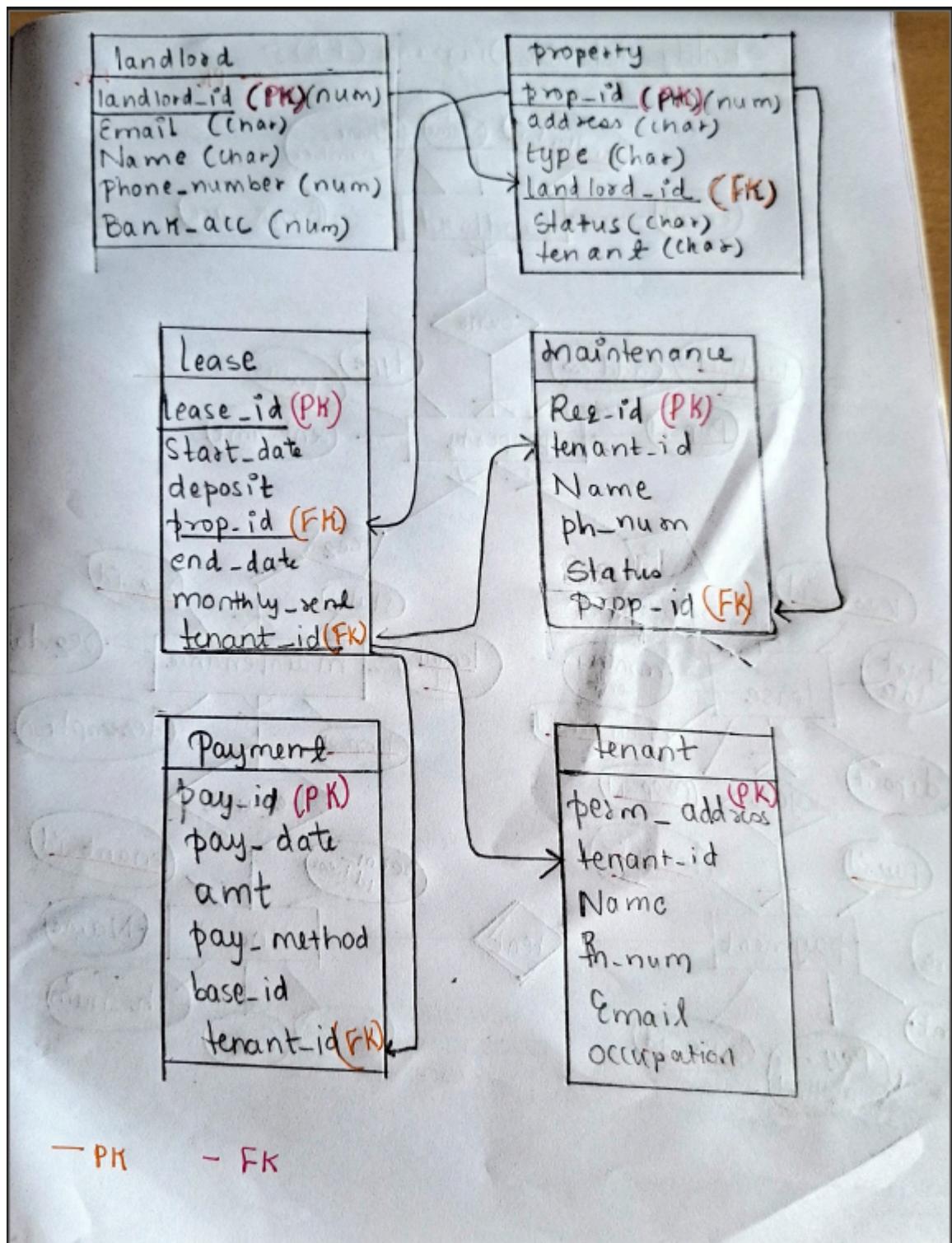
[landlord 1](#) [property 2](#) [tenant 3](#) [lease 4](#) [x](#) [payment 5](#) [maintenance 6](#)

	lease_id	pay_id	tenant_id	pay_date	pay_method	amt
	NULL	NULL	NULL	NULL	NULL	NULL

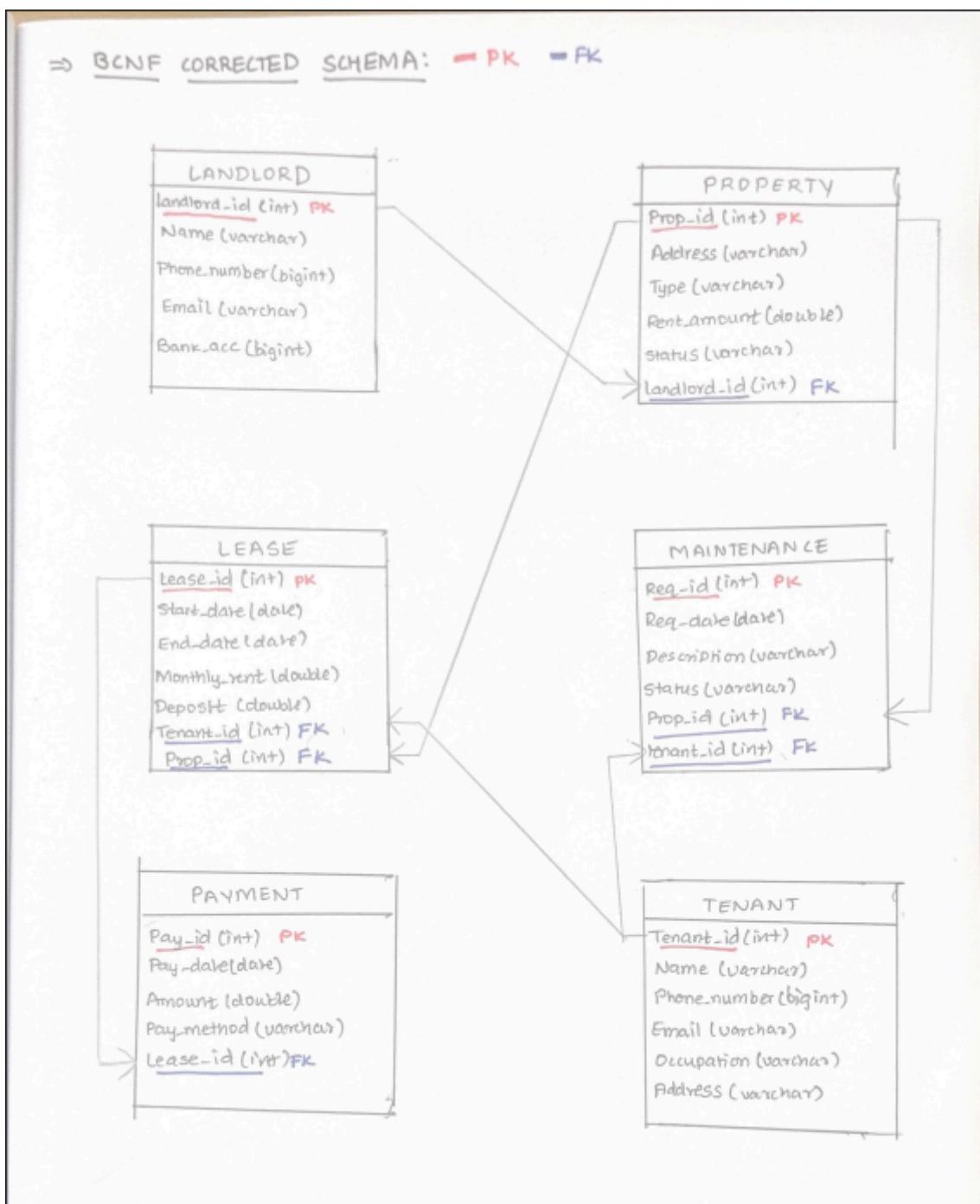
landlord 1	property 2	tenant 3	lease 4	payment 5	x	maintenance 6
	req_id	tenant_id	prop_id	status_m	date_req	description_m

landlord 1	property 2	tenant 3	lease 4	payment 5	maintenance 6	x
	NULL	NULL	NULL	NULL	NULL	NULL

- Relational mapping:



- **BCNF-corrected relational mapping:**



- **Webpages:**

ABOUT:



Transforming Rental Management

Our mission is to simplify and digitalize property management for landlords and tenants everywhere.

Air-DND was created to solve the challenges of traditional rental property management. We understand that managing properties shouldn't involve mountains of paperwork, missed payments, or delayed communication.

Our platform automates the entire rental lifecycle — from tenant onboarding and rent collection to lease management



Our platform automates the entire rental lifecycle — from tenant onboarding and rent collection to lease management and maintenance coordination. By centralizing all property data and communication in one intuitive dashboard, we ensure accuracy, transparency, and convenience for everyone involved.

Whether you're a landlord managing multiple properties or a tenant looking for a seamless rental experience, our system provides the tools you need to succeed.

Centralized Platform

One unified space where landlords and tenants can collaborate, communicate, and manage all rental activities efficiently.

Smart Automation

Automatic rent reminders, instant receipt generation, and digital record-keeping eliminate manual tasks and human error.

Full Transparency

Clear timelines, real-time status updates, and comprehensive audit trails ensure everyone stays informed and accountable.



For Landlords

Manage multiple properties from a single dashboard. View rent payment status, track occupancy rates, review tenant information, and handle maintenance requests instantly. Our analytics help you make data-driven decisions and maximize your rental income.

For Tenants

Enjoy a hassle-free rental experience with easy online rent payments, instant access to lease agreements, and a streamlined maintenance request system. Track your payment history, download receipts, and communicate directly with your landlord — all from your personal tenant portal.

Why Choose Air-DND?

Security First: Your data is encrypted and stored securely. We comply with industry standards to protect your sensitive information.



Security First: Your data is encrypted and stored securely. We comply with industry standards to protect your sensitive information.

24/7 Access: Access your dashboard anytime, anywhere, from any device. Mobile-friendly design ensures you can manage properties on the go.

Continuous Innovation: We regularly update our platform with new features based on user feedback and industry best practices.

CONTACT:



Email Address
you@example.com

Subject
Choose a topic

Message
How can we help you today?

Send Message

Closed on Sundays and public holidays

Email Support

General Inquiries:
support@airdnd.app

Technical Support:
tech@airdnd.app

Office Location

Air-DND Property Management
123 Business Tower, 5th Floor
Ring Road, Surat
Gujarat 395001, India



Get in Touch

Have questions, feedback, or interested in partnerships? We'd love to hear from you.

Send Us a Message

Your Name
Enter your full name

Email Address
you@example.com

Subject

Support Hours

Monday – Friday
9:00 AM – 6:00 PM IST

Saturday
10:00 AM – 2:00 PM IST

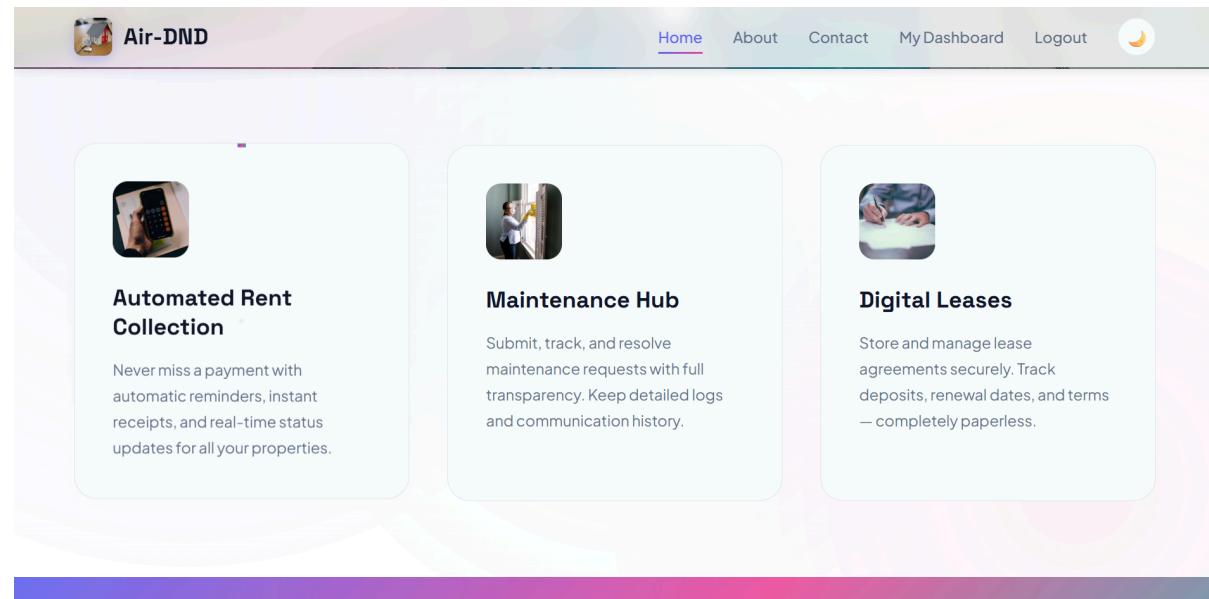
Closed on Sundays and public holidays

INDEX:



Designed for Tenants

Pay rent online, submit maintenance requests, and access your lease agreement anytime, anywhere.

[Tenant Portal](#)

Air-DND

Home About Contact My Dashboard Logout

Automated Rent Collection

Never miss a payment with automatic reminders, instant receipts, and real-time status updates for all your properties.

Maintenance Hub

Submit, track, and resolve maintenance requests with full transparency. Keep detailed logs and communication history.

Digital Leases

Store and manage lease agreements securely. Track deposits, renewal dates, and terms — completely paperless.

Ready to manage smarter?

Join thousands of landlords and tenants who trust our platform for hassle-free property management.

[Create Free Account](#)

Landlord Dashboard:

 Air-DND

Home About Contact [My Dashboard](#) Logout 

Landlord Dashboard

Overview of your properties and tenant activity

PROPERTIES
12

UNITS RENTED
10

PENDING RENT
₹75,000

OPEN REQUESTS
5



Sunrise Apartments 📍 Vesu, Surat	Green Valley Villa 📍 Adajan, Surat	Skyline Residency 📍 Piplod, Surat
Type 2 BHK	Type 3 BHK Villa	Type 1 BHK
Rent ₹25,000/month	Rent ₹45,000/month	Rent ₹18,000/month
Tenant Raj Patel	Status Available Now	Tenant Priya Shah
Lease End Jun 30, 2026	Deposit ₹90,000	Lease End Dec 15, 2025



Royal Heights **Park View Apartments** **Ocean Breeze**

LOGIN:

Air-DND

Home [Login](#) 

[Sign In](#) [Sign Up](#)

Welcome Back

Sign in to access your dashboard

I am a

 Landlord Tenant

Username or Email

Password

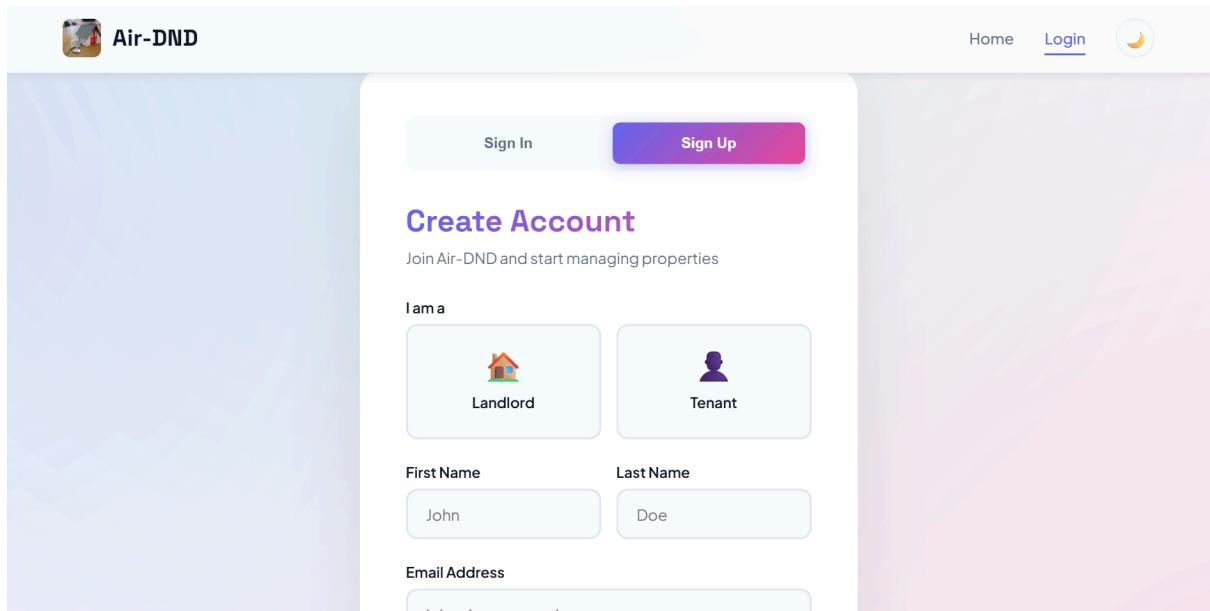


[Forgot password?](#)

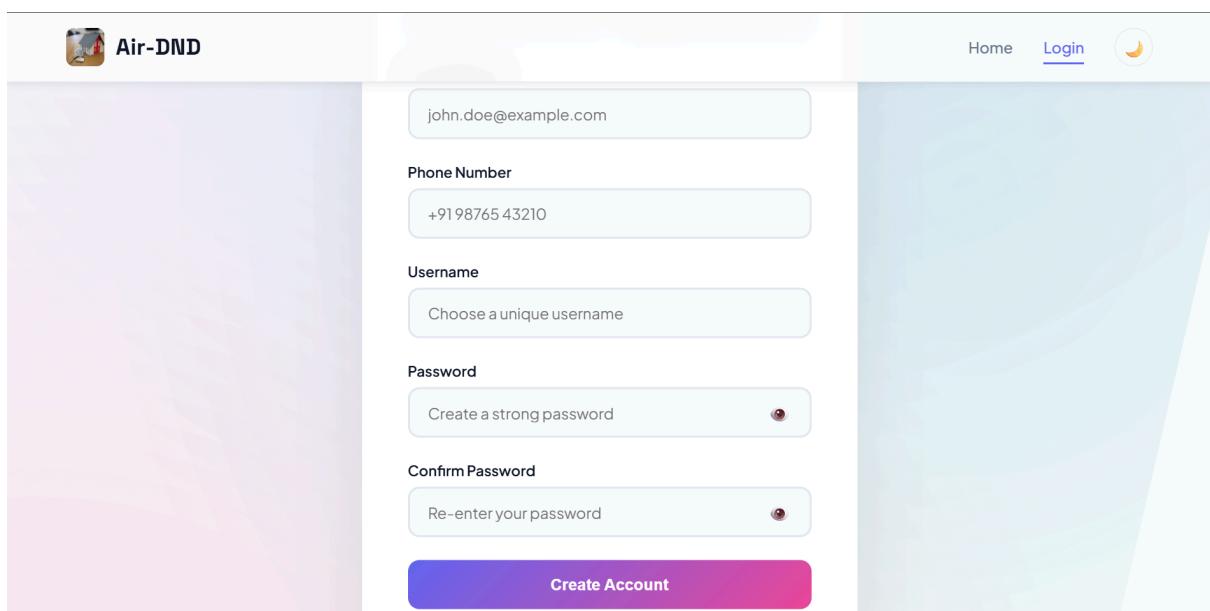
[Sign In](#)

By continuing, you agree to our [Terms of Service](#) and [Privacy Policy](#).

© 2025 Air-DND Property Management. All rights reserved.



The screenshot shows the 'Create Account' form for 'Landlord' users. At the top right are 'Home' and 'Login' buttons, and a user icon. Below them is a purple 'Sign Up' button. To its left is a 'Sign In' button. The main title 'Create Account' is in bold purple text, followed by the subtitle 'Join Air-DND and start managing properties'. A section labeled 'I am a' contains two buttons: 'Landlord' (with a house icon) and 'Tenant' (with a person icon). Below these are input fields for 'First Name' (John), 'Last Name' (Doe), and 'Email Address' (john.doe@example.com).



This screenshot shows the 'Create Account' form for 'Tenant' users. It includes fields for 'Email Address' (john.doe@example.com), 'Phone Number' (+9198765 43210), 'Username' (Choose a unique username), 'Password' (Create a strong password), and 'Confirm Password' (Re-enter your password). A large purple 'Create Account' button is at the bottom.

TENANT:

Tenant Dashboard

Manage your rent, view your lease, and handle maintenance requests — all in one place.

[Pay Rent](#)[View Lease](#)[Maintenance Request](#)[Payment History](#)**Current Rent**

Monthly payment

**₹25,000****Next Due Date**

Rent payment

**Dec 1, 2025****Maintenance**

Active tickets

**2**[Paid](#)[Upcoming](#)[Open](#)**Property Details**

Current residence

**Address** 45 MG Road Complex**Type** 2 BHK Apartment**Lease End** Jun 30, 2026**Payment History**

Last 3 months

**November 2025** ₹25,000 ✓**October 2025** ₹25,000 ✓**September 2025** ₹25,000 ✓**Lease Agreement**

Contract details

**Start Date** Jul 1, 2024**Duration** 2 Years**Deposit** ₹50,000