

# HOME MASTERS

- By DarshanScripts

**Name of an Application:** HomeMasters

**Purpose:** The Property Management system "HomeMasters" is being developed for property listings, tenant management, and rent collection.

The web application provides the following **functionalities** to the user:

- Users can register and log in securely.
- Captcha implemented for valid authentication.
- Dynamic loading of property listings based on user preferences.
- Tenants can apply for property rentals, track application status, and view lease agreements.
- Payment module integrated for convenient rent collection.
- Communication feature enables direct interaction between tenants and property owners.
- Maintenance reporting system ensures timely issue resolution.
- Efficient property management with auto-refresh and search filter functionalities.

**Application User:**

- Property Owner
- Tenant

**Develop a web application according to the given requirements.**

For property owners, the system will have the following functionalities:

1. Property owners can register to the application by providing their Full name, Date of birth, Gender, Email address, phone number, and address. The registration process will be secured via captcha.
2. Property owners should be able to log in and log out, managing their sessions in the application.
3. Property owners can manage their properties by providing details such as Property Name, Property Address, Type of Property, Additional Features, Rent per month, and an Image of the property. This data will be stored in a database using a suitable store procedure.
4. Property owners can view the list of properties they own on their dashboard.
5. Property owners can view the list of applications for renting their properties from any tenant. They may accept the request, and the data must be updated in the lease agreement table. At that time, the property status must be converted to "Rented" in the database.

For tenants, the system will have the following functionalities:

1. Tenants can register to the system by providing their First Name, Last Name, Email, and Phone number. After registration, tenants will be able to log in using their phone number and password.
2. Tenants can view the list of all properties uploaded by owners on the system.
3. They can filter the properties based on the address, types, and rent.
4. When a tenant clicks on "Apply for Rent," a request will be sent to the property owner's email id.

5. The tenant can track the status of their application, whether it has been approved or not by the property owner.
6. If the application is approved, the tenant will be able to view the lease agreement data. This will allow the tenant to review the terms and conditions of the lease and ensure that they are in agreement before proceeding with the rental process. The tenant will also be able to make payments for rent and other charges through the system, making the process more convenient and efficient.
7. The system will allow tenants to report any maintenance issues or concerns with the property, and the property owner will be notified. This will ensure that any issues are addressed in a timely manner.
8. The system will have a communication feature that will allow tenants and property owners to communicate with each other directly through the platform. This will help to keep all communication organized and in one place, making it easier to track and reference in the future.

**Relations:**

- PropertyOwnerMaster (OwnerId, Full Name, DOB, Gender, EmailId, Phoneno, password, Registerdatetime)
- PropertyMaster (PropertyId, OwnerId, PropertyName, Address, Type, Additional Features, Rent per month, imagepath, status, registerdatetime) Status: Available for Rent (Default), Rented
- TenantMaster (TenantId, Full Name, DOB, Gender, EmailId, Phoneno, password, Registerdatetime).
- LeaseDetail (LeaseID, PropertyId, TenantId, StartDate, End Date, RentAmount, LeaseStatus, registrationdatetime) LeaseStatus: Active, Deactive