



## REAL ESTATE MANAGEMENT SYSTEM

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# INTRODUCTION

## What is a Real Estate Management System?

A **Real Estate Management System** is a comprehensive software solution designed to streamline and automate the management of real estate assets, whether residential, commercial, or industrial. It serves as a centralized platform for handling various aspects of real estate operations, including property ownership, leasing, tenant management, maintenance tracking, financial transactions, and regulatory compliance.

This system is especially beneficial for real estate companies, property owners, property managers, and tenants, as it ensures efficient operations, reduces manual errors, and improves the overall user experience.

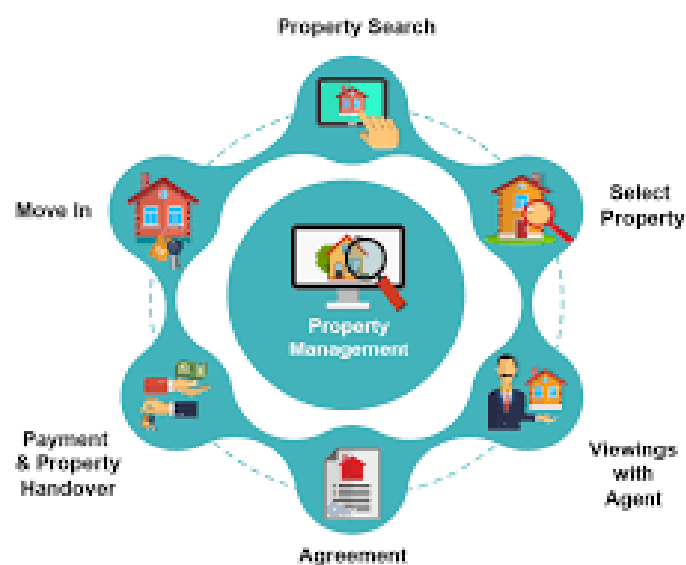


Fig – Representation of How REMS works

# **Core Components of the System**

The Real Estate Management System comprises several core components:

## **1. Property Management**

- Tracks all details related to properties such as address, type, size, and ownership.
- Includes inspections, utilities, features, and related expenses.

## **2. Owner & Manager Handling**

- Owners can own multiple properties and assign managers to oversee operations.
- Property managers are licensed professionals responsible for daily administration, maintenance coordination, and tenant interaction.

## **3. Tenant Management**

- Stores tenant details, credit scores, and contact information.
- Facilitates application processing, lease agreements, and maintenance request submissions.

## **4. Lease and Rental Processing**

- Manages lease agreements with start/end dates, rent amounts, and security deposits.

- Links leases to both tenants and properties for complete traceability.

## **5.Payment Tracking**

- Handles all rent and related payments made by tenants.
- Supports payment methods, dates and links.

## **6.Maintenance and Vendor Coordination**

- Tenants can submit maintenance requests for property issues.
- Requests are assigned to vendors who handle the repairs, including cost tracking and status updates.

## **7.Applications and Approval Flow**

- Potential tenants can apply for properties.
- Applications include credit checks and current status tracking.

## **8.Utilities and Services**

- Manages utility services like electricity, water, and internet.
- Tracks providers, connection details, and charges.

## **9.Insurance and Legal Documents**

- Maintains insurance policies covering properties.
- Stores contracts, inspection reports & agreements.

# Problem Statement

Real estate operations traditionally rely on fragmented records, manual paperwork, and uncoordinated communication, leading to several challenges:

1. **Inconsistent and scattered data** related to properties, tenants, leases, and transactions
2. **Delays in accessing critical information**, such as payment history, maintenance status, or ownership details
3. **Difficulty in monitoring multiple properties**, tracking lease timelines, and handling tenant requests efficiently
4. **Limited collaboration** between owners, property managers, tenants, and service providers

These issues create bottlenecks in property administration, increase the risk of human errors, and impact decision-making. A centralized **Real Estate Management System** eliminates these inefficiencies by offering a digital platform that streamlines data management, enhances transparency, and enables better coordination among all stakeholders.

# **How the System Works**

## **Property Registration**

Owners or property managers register properties in the system.

Each property is assigned a unique Property ID, and details such as location, type (residential/commercial), size, and year built are recorded.

## **Tenant and Lease Management**

Tenants are added to the system with personal and contact details.

When a lease is signed, a lease agreement is created linking the tenant and property, including terms like rent, duration, and security deposit.

## **Maintenance and Service Handling**

Tenants can raise maintenance requests through the platform.

Requests are assigned to appropriate vendors, and the system tracks service status, costs, and resolution timelines.

## **Payment and Financial Tracking**

Tenants make rent and utility payments, which are logged under their profiles.

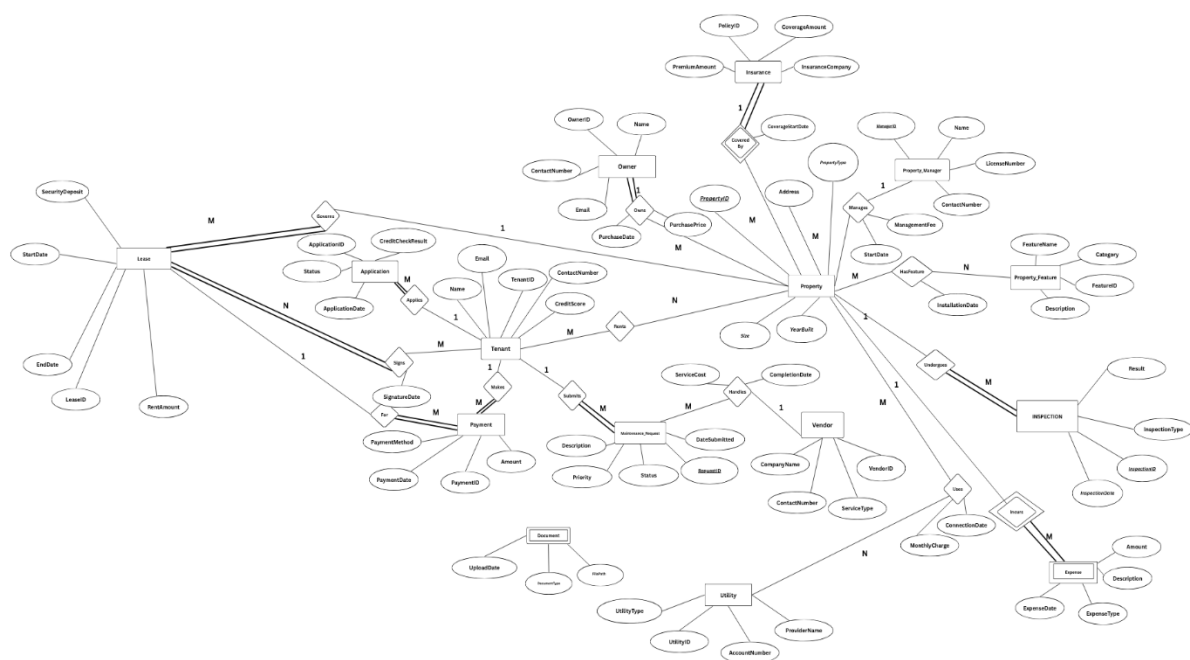
The system maintains detailed records of all transactions and pending dues, aiding in financial transparency for both owners and tenants.

## **Monitoring & Reports**

Property managers and owners can view dashboards showing property occupancy, rent collection, upcoming lease expiries, and maintenance activity.

Automated reports provide insights into property performance, expenses, and tenant history for better decision-making.

## ER DIAGRAM



# **ENTITIES**

## **PROPERTY**

Attributes: PropertyID (PK), Address, PropertyType, Size, YearBuilt

Purpose: Represents all real estate properties managed in the system.

## **OWNER**

Attributes: OwnerID (PK), Name, ContactNumber, Email

Purpose: Represents individuals or entities who own one or more properties.

## **TENANT**

Attributes: TenantID (PK), Name, ContactNumber, Email, CreditScore

Purpose: Represents people or organizations renting properties.

## **PROPERTY\_MANAGER**

Attributes: ManagerID (PK), Name, ContactNumber, LicenseNumber

Purpose: Manages properties on behalf of owners.

## **LEASE**

Attributes: LeaseID (PK), StartDate, EndDate, RentAmount, SecurityDeposit

Purpose: Formal agreement between tenants and owners/managers regarding property use.



## **PAYMENT**

Attributes: PaymentID (PK), Amount, PaymentDate, PaymentMethod

Purpose: Tracks rental or lease payments made by tenants.

## **MAINTENANCE\_REQUEST**

Attributes: RequestID (PK), Description, Priority, Status, DateSubmitted

Purpose: Tracks maintenance or repair issues reported by tenants.

## **VENDOR**

Attributes: VendorID (PK), CompanyName, ServiceType, ContactNumber

Purpose: External service providers responsible for maintenance tasks.

## **PROPERTY\_FEATURE**

Attributes: FeatureID (PK), FeatureName, Category, Description

Purpose: Defines features or amenities that properties may have.

## **INSPECTION**

Attributes: InspectionID (PK), InspectionDate, InspectionType, Result

Purpose: Represents property inspections for quality and compliance.

## **APPLICATION**

Attributes: ApplicationID (PK), ApplicationDate, Status, CreditCheckResult

Purpose: Tenant application for leasing a particular property.

## **UTILITY**

Attributes: UtilityID (PK), UtilityType, ProviderName, AccountNumber

Purpose: Utility services like electricity, water, and internet for properties.

## **INSURANCE**

Attributes: PolicyID (PK), InsuranceCompany, CoverageAmount, PremiumAmount

Purpose: Insurance policies covering damages or risks for properties.

## **DOCUMENT**

Attributes: DocumentType (Partial PK), FilePath, UploadDate

Purpose: Stores digital records linked to properties, leases, or tenants.

## **EXPENSE**

Attributes: ExpenseType (Partial PK), Amount, ExpenseDate, Description

Purpose: Represents costs incurred for property-related operations.

# **RELATIONS**

## **OWNS**

From: OWNER

To: PROPERTY

Cardinality: 1:M

Participation: Owner (Total), Property (Partial)

Type: Strong

Purpose: Tracks which owner owns which property, including purchase details.

## **RENTS**

From: TENANT

To: PROPERTY

Cardinality: M:N

Participation: Tenant (Partial), Property (Partial)

Type: Strong

Purpose: Indicates rental relationships between tenants and properties over time.

## **MANAGES**

From: PROPERTY\_MANAGER

To: PROPERTY

Cardinality: 1:M

Participation: Manager (Partial), Property (Partial)

Type: Strong

Purpose: Records which property manager oversees which properties.

## **SIGNS**

From: TENANT

To: LEASE

Cardinality: M:N

Participation: Tenant (Partial), Lease (Total)

Type: Strong

Purpose: Connects tenants to the leases they are part of.

## **GOVERNS**

From: LEASE

To: PROPERTY

Cardinality: M:1

Participation: Lease (Total), Property (Partial)

Type: Strong

Purpose: Associates each lease with the property it applies to.

## **MAKES**

From: TENANT

To: PAYMENT

Cardinality: 1:M

Participation: Tenant (Partial), Payment (Total)

Type: Strong

Purpose: Tracks all payments made by a tenant.

## **FOR**

From: PAYMENT

To: LEASE

Cardinality: M:1

Participation: Payment (Total), Lease (Partial)

Type: Strong

Purpose: Connects each payment to its corresponding lease.

## **SUBMITS**

From: TENANT

To: MAINTENANCE\_REQUEST

Cardinality: 1:M

Participation: Tenant (Partial), Request (Total)

Type: Strong

Purpose: Tracks maintenance requests made by tenants.

## **HANDLES**

From: VENDOR

To: MAINTENANCE\_REQUEST

Cardinality: 1:M

Participation: Vendor (Partial), Request (Partial)

Type: Strong

Purpose: Records which vendor handles which maintenance request.

## **HAS\_FEATURE**

From: PROPERTY

To: PROPERTY\_FEATURE

Cardinality: M:N

Participation: Property (Partial), Feature (Partial)

Type: Strong

Purpose: Associates features or amenities with properties.

## **UNDERGOES**

From: PROPERTY

To: INSPECTION

Cardinality: 1:M

Participation: Property (Partial), Inspection (Total)

Type: Strong

Purpose: Tracks inspections conducted on properties.

## **APPLIES**

From: TENANT

To: APPLICATION

Cardinality: 1:M

Participation: Tenant (Partial), Application (Total)

Type: Strong

Purpose: Tracks applications submitted by tenants.

## **USES**

From: PROPERTY

To: UTILITY

Cardinality: M:N

Participation: Property (Partial), Utility (Partial)

Type: Strong

Purpose: Tracks which utilities are used by which properties.

### **COVERED\_BY**

From: PROPERTY

To: INSURANCE

Cardinality: M:1

Participation: Property (Partial), Insurance (Total)

Type: Weak

Purpose: Associates properties with their insurance coverage.

### **INCURS**

From: PROPERTY

To: EXPENSE

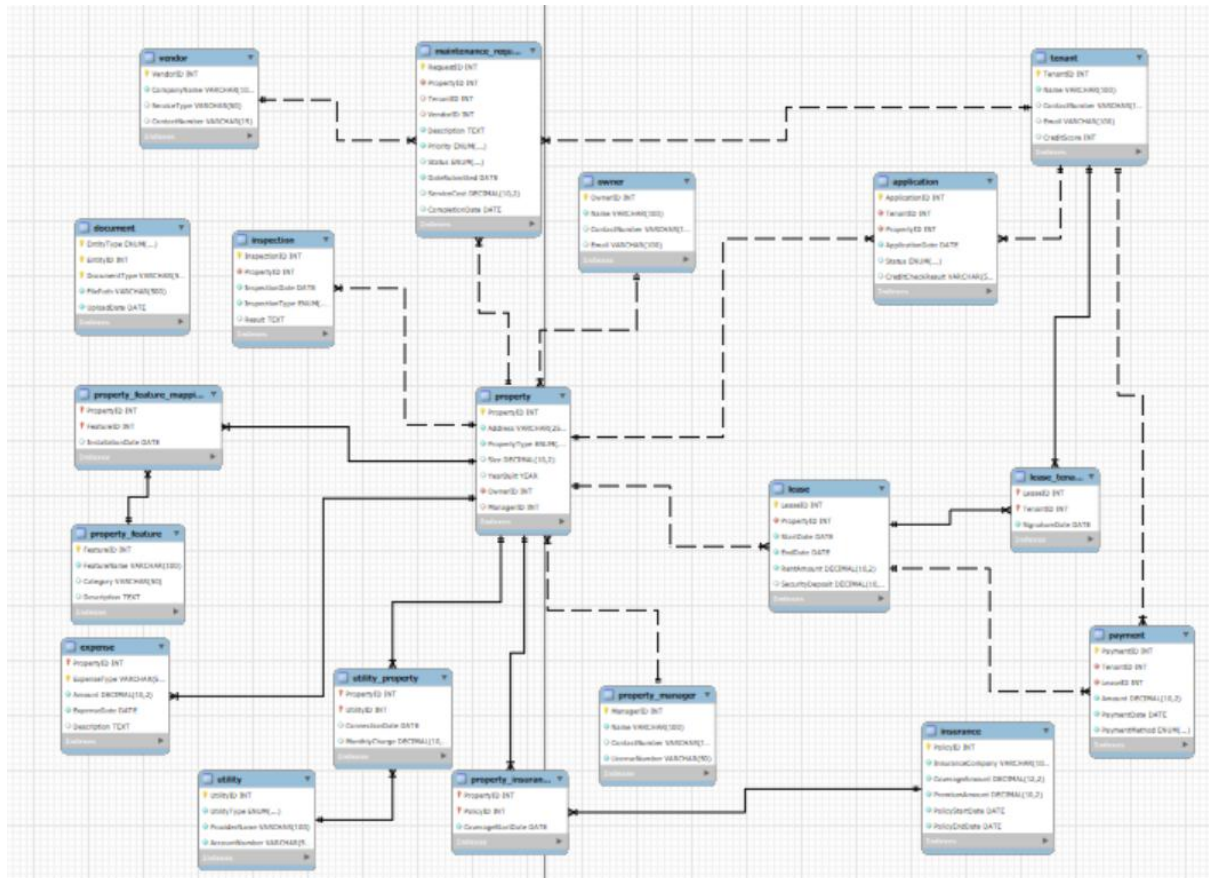
Cardinality: 1:M

Participation: Property (Partial), Expense (Total)

Type: Weak

Purpose: Records expenses incurred by a specific property.

# RELATIONAL SCHEMA



## TABLES (AFTER NORMALIZATION)

### PROPERTY

Primary Key: PropertyID

FDs:

PropertyID → Address, PropertyType, Size, YearBuilt, OwnerID, ManagerID



## **OWNER**

Primary Key: OwnerID

FDs:

OwnerID → Name, ContactNumber, Email

## **TENANT**

Primary Key: TenantID

FDs:

TenantID → Name, ContactNumber, Email,  
CreditScore

## **PROPERTY\_MANAGER**

Primary Key: ManagerID

FDs:

ManagerID → Name, ContactNumber,  
LicenseNumber

LicenseNumber → ManagerID

## **LEASE**

Primary Key: LeaseID

FDs:

LeaseID → PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit

## **LEASE\_TENANT**

Primary Key: (LeaseID, TenantID)

FDs:

{LeaseID, TenantID} → SignatureDate

## **PAYMENT**

Primary Key: PaymentID

FDs:

PaymentID → TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod

## **MAINTENANCE\_REQUEST**

Primary Key: RequestID

FDs:

RequestID → PropertyID, TenantID, VendorID,  
Description, Priority,

Status, DateSubmitted, ServiceCost,  
CompletionDate

## **VENDOR**

Primary Key: VendorID

FDs:

VendorID → CompanyName, ServiceType,  
ContactNumber

## **PROPERTY\_FEATURE**

Primary Key: FeatureID

FDs:

FeatureID → FeatureName, Category, Description

## **PROPERTY\_FEATURE\_MAPPING**

Primary Key: (PropertyID, FeatureID)

FDs:

{PropertyID, FeatureID} → InstallationDate

## **INSPECTION**

Primary Key: InspectionID

FDs:

InspectionID → PropertyID, InspectionDate,  
InspectionType, Result

## **APPLICATION**

Primary Key: ApplicationID

FDs:

ApplicationID → TenantID, PropertyID,  
ApplicationDate, Status, CreditCheckResult

## **QUERIES (To Create Tables)**

CREATE TABLE OWNER (

OwnerID INT PRIMARY KEY AUTO\_INCREMENT,

Name VARCHAR(100) NOT NULL,

ContactNumber VARCHAR(15),

Email VARCHAR(100) UNIQUE

);

CREATE TABLE PROPERTY\_MANAGER (

```
ManagerID INT PRIMARY KEY AUTO_INCREMENT,  
Name VARCHAR(100) NOT NULL,  
ContactNumber VARCHAR(15),  
LicenseNumber VARCHAR(50) UNIQUE NOT NULL  
);
```

```
CREATE TABLE PROPERTY (  
    PropertyID INT PRIMARY KEY AUTO_INCREMENT,  
    Address VARCHAR(255) NOT NULL,  
    PropertyType ENUM('Residential', 'Commercial',  
'Industrial') NOT NULL,  
    Size DECIMAL(10,2),  
    YearBuilt YEAR,  
    OwnerID INT NOT NULL,  
    ManagerID INT,  
    FOREIGN KEY (OwnerID) REFERENCES  
OWNER(OwnerID) ON DELETE RESTRICT,  
    FOREIGN KEY (ManagerID) REFERENCES  
PROPERTY_MANAGER(ManagerID) ON DELETE SET  
NULL  
);
```

```
CREATE TABLE TENANT (  
    TenantID INT PRIMARY KEY AUTO_INCREMENT,  
    Name VARCHAR(100) NOT NULL,  
    ContactNumber VARCHAR(15),  
    Email VARCHAR(100) UNIQUE,  
    CreditScore INT CHECK (CreditScore >= 300 AND  
CreditScore <= 850)  
);
```

```
CREATE TABLE LEASE (  
    LeaseID INT PRIMARY KEY AUTO_INCREMENT,  
    PropertyID INT NOT NULL,  
    StartDate DATE NOT NULL,  
    EndDate DATE NOT NULL,  
    RentAmount DECIMAL(10,2) NOT NULL,  
    SecurityDeposit DECIMAL(10,2),  
    FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE,  
    CHECK (EndDate > StartDate)  
);
```

```
CREATE TABLE LEASE_TENANT (  
    LeaseID INT,  
    TenantID INT,  
    SignatureDate DATE NOT NULL,  
    PRIMARY KEY (LeaseID, TenantID),  
    FOREIGN KEY (LeaseID) REFERENCES LEASE(LeaseID)  
ON DELETE CASCADE,  
    FOREIGN KEY (TenantID) REFERENCES  
TENANT(TenantID) ON DELETE CASCADE  
);
```

```
CREATE TABLE PAYMENT (  
    PaymentID INT PRIMARY KEY AUTO_INCREMENT,  
    TenantID INT NOT NULL,  
    LeaseID INT NOT NULL,  
    Amount DECIMAL(10,2) NOT NULL,  
    PaymentDate DATE NOT NULL,  
    PaymentMethod ENUM('Cash', 'Check', 'Credit Card',  
'Bank Transfer', 'Online') NOT NULL,
```

```
FOREIGN KEY (TenantID) REFERENCES  
TENANT(TenantID) ON DELETE CASCADE,  
  
FOREIGN KEY (LeaseID) REFERENCES LEASE(LeaseID)  
ON DELETE CASCADE  
);
```

```
CREATE TABLE VENDOR (  
  
VendorID INT PRIMARY KEY AUTO_INCREMENT,  
CompanyName VARCHAR(100) NOT NULL,  
ServiceType VARCHAR(50),  
ContactNumber VARCHAR(15)  
);
```

```
CREATE TABLE MAINTENANCE_REQUEST (  
  
RequestID INT PRIMARY KEY AUTO_INCREMENT,  
PropertyID INT NOT NULL,  
TenantID INT,  
VendorID INT,  
Description TEXT NOT NULL,  
Priority ENUM('Low', 'Medium', 'High', 'Emergency')  
NOT NULL,
```



```
Status ENUM('Open', 'In Progress', 'Completed',  
'Cancelled') DEFAULT 'Open',  
DateSubmitted DATE NOT NULL,  
ServiceCost DECIMAL(10,2),  
CompletionDate DATE,  
FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE,  
FOREIGN KEY (TenantID) REFERENCES  
TENANT(TenantID) ON DELETE SET NULL,  
FOREIGN KEY (VendorID) REFERENCES  
VENDOR(VendorID) ON DELETE SET NULL  
);
```

```
CREATE TABLE PROPERTY_FEATURE (  
    FeatureID INT PRIMARY KEY AUTO_INCREMENT,  
    FeatureName VARCHAR(100) NOT NULL,  
    Category VARCHAR(50),  
    Description TEXT  
);
```

```
CREATE TABLE PROPERTY_FEATURE_MAPPING (
```

```
PropertyID INT,  
FeatureID INT,  
InstallationDate DATE,  
PRIMARY KEY (PropertyID, FeatureID),  
FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE,  
FOREIGN KEY (FeatureID) REFERENCES  
PROPERTY_FEATURE(FeatureID) ON DELETE CASCADE  
);
```

```
CREATE TABLE INSPECTION (  
    InspectionID INT PRIMARY KEY AUTO_INCREMENT,  
    PropertyID INT NOT NULL,  
    InspectionDate DATE NOT NULL,  
    InspectionType ENUM('Move-in', 'Move-out',  
'Annual', 'Maintenance', 'Safety') NOT NULL,  
    Result TEXT,  
    FOREIGN KEY (PropertyID) REFERENCES  
    PROPERTY(PropertyID) ON DELETE CASCADE  
);
```

```
CREATE TABLE APPLICATION (  
    ApplicationID INT PRIMARY KEY AUTO_INCREMENT,  
    TenantID INT NOT NULL,  
    PropertyID INT NOT NULL,  
    ApplicationDate DATE NOT NULL,  
    Status ENUM('Pending', 'Approved', 'Rejected',  
'Withdrawn') DEFAULT 'Pending',  
    CreditCheckResult VARCHAR(50),  
    FOREIGN KEY (TenantID) REFERENCES  
TENANT(TenantID) ON DELETE CASCADE,  
    FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE  
);
```

```
CREATE TABLE UTILITY (  
    UtilityID INT PRIMARY KEY AUTO_INCREMENT,  
    UtilityType ENUM('Electricity', 'Gas', 'Water',  
'Internet', 'Cable', 'Trash') NOT NULL,  
    ProviderName VARCHAR(100) NOT NULL,  
    AccountNumber VARCHAR(50) UNIQUE NOT NULL  
);
```

```
CREATE TABLE UTILITY_PROPERTY (  
    PropertyID INT,  
    UtilityID INT,  
    ConnectionDate DATE,  
    MonthlyCharge DECIMAL(10,2),  
    PRIMARY KEY (PropertyID, UtilityID),  
    FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE,  
    FOREIGN KEY (UtilityID) REFERENCES  
UTILITY(UtilityID) ON DELETE CASCADE  
);
```

```
CREATE TABLE INSURANCE (  
    PolicyID INT PRIMARY KEY AUTO_INCREMENT,  
    InsuranceCompany VARCHAR(100) NOT NULL,  
    CoverageAmount DECIMAL(12,2) NOT NULL,  
    PremiumAmount DECIMAL(10,2) NOT NULL,  
    PolicyStartDate DATE NOT NULL,  
    PolicyEndDate DATE NOT NULL,  
    CHECK (PolicyEndDate > PolicyStartDate)
```

);

```
CREATE TABLE PROPERTY_INSURANCE (  
    PropertyID INT,  
    PolicyID INT,  
    CoverageStartDate DATE NOT NULL,  
    PRIMARY KEY (PropertyID, PolicyID),  
    FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE,  
    FOREIGN KEY (PolicyID) REFERENCES  
INSURANCE(PolicyID) ON DELETE CASCADE  
);
```

```
CREATE TABLE EXPENSE (  
    PropertyID INT NOT NULL,  
    ExpenseType VARCHAR(50) NOT NULL,  
    Amount DECIMAL(10,2) NOT NULL,  
    ExpenseDate DATE NOT NULL,  
    Description TEXT,  
    PRIMARY KEY (PropertyID, ExpenseType),
```

```
FOREIGN KEY (PropertyID) REFERENCES  
PROPERTY(PropertyID) ON DELETE CASCADE  
);
```

```
CREATE TABLE DOCUMENT (  
    EntityType ENUM('Property', 'Lease', 'Tenant',  
    'Owner', 'Maintenance') NOT NULL,  
    EntityID INT NOT NULL,  
    DocumentType VARCHAR(50) NOT NULL,  
    FilePath VARCHAR(500) NOT NULL,  
    UploadDate DATE NOT NULL,  
    PRIMARY KEY (EntityType, EntityID, DocumentType)  
);
```

## **QUERIES (To Insert Data into Tables)**

```
INSERT INTO OWNER (Name, ContactNumber, Email)  
VALUES ('Jessica Anderson', '931-398-5507',  
'johnsonbarbara@hotmail.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)  
VALUES ('Bradley Reed', '294-108-5091',  
'nnelson@yahoo.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Susan Williams', '161-611-0900',
'davidlowe@yahoo.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Angela Pruitt', '182-570-8411',
'elizabeth13@yahoo.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Joseph Mitchell', '989-958-7525',
'ogonzales@gmail.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Stephanie Gordon', '934-186-4383',
'kwhite@yahoo.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Kevin Ramirez', '662-960-5141',
'luiscole@hotmail.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Elizabeth Johnson', '812-255-8410',
'williamspaul@hotmail.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Christina Patel', '670-468-6120',
'robert52@hotmail.com');
```

```
INSERT INTO OWNER (Name, ContactNumber, Email)
VALUES ('Travis Garcia', '711-301-0875',
'jason34@gmail.com');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Travis  
Anderson', '974-486-7381', 'LIC-6763-OK');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Katie  
Douglas', '695-258-3333', 'LIC-4945-VR');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Angela  
Baker', '893-239-4485', 'LIC-0896-WU');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Kimberly  
Scott', '505-308-7113', 'LIC-8319-ZR');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Todd Allen',  
'234-760-0021', 'LIC-4832-YT');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Nicholas  
Mitchell', '502-041-0993', 'LIC-9986-WB');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Benjamin  
Nelson', '607-875-5894', 'LIC-0973-LV');
```



```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Michelle  
Campbell', '923-450-4463', 'LIC-7394-LW');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('William  
Brown', '441-257-1250', 'LIC-1117-QA');
```

```
INSERT INTO PROPERTY_MANAGER (Name,  
ContactNumber, LicenseNumber) VALUES ('Thomas  
Martin', '505-643-9686', 'LIC-1134-PE');
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('1171 Thompson Extension Suite 801, New  
Andrewchester, NJ 77830', 'Commercial', 1948.6, 2000,  
1, 3);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('9821 Holland Walks, Lake Edwinport, OH  
38224', 'Residential', 3213.01, 1983, 5, 6);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('39856 Amanda Plaza, East Anthonyborough,  
WI 37892', 'Industrial', 2254.33, 1994, 6, 10);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('21016 Matthew Fort, Gregorymouth, MN  
39200', 'Commercial', 3212.91, 1999, 7, 9);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('652 Smith Crest, North Zachary, NH 18084',  
'Residential', 3381.83, 2006, 3, 2);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('4243 Wolfe Ridge, Jacobshire, AK 85569',  
'Residential', 2394.1, 2008, 4, 7);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('78646 Moore Radial Suite 748, West  
Johnbury, KS 29037', 'Industrial', 4296.71, 1996, 8, 4);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

```
VALUES ('83269 Charles Avenue Apt. 439, Port  
Sarahview, MT 55860', 'Commercial', 3674.11, 1981,  
10, 8);
```

```
INSERT INTO PROPERTY (Address, PropertyType, Size,  
YearBuilt, OwnerID, ManagerID)
```

VALUES ('4968 Elizabeth Prairie Apt. 776, Jessicaburgh, VA 66356', 'Residential', 3599.92, 2005, 2, 5);

INSERT INTO PROPERTY (Address, PropertyType, Size, YearBuilt, OwnerID, ManagerID)

VALUES ('4559 Scott Oval, Moralesmouth, DE 74814', 'Industrial', 1396.38, 1987, 9, 1);

INSERT INTO TENANT (Name, ContactNumber, Email, CreditScore) VALUES ('Matthew Thomas', '580-603-9742', 'robert79@yahoo.com', 749);

INSERT INTO TENANT (Name, ContactNumber, Email, CreditScore) VALUES ('Daniel Guzman', '282-404-6410', 'cmartin@gmail.com', 837);

INSERT INTO TENANT (Name, ContactNumber, Email, CreditScore) VALUES ('Katherine Cain', '611-134-6940', 'lmoran@yahoo.com', 720);

INSERT INTO TENANT (Name, ContactNumber, Email, CreditScore) VALUES ('Joseph Bailey', '282-870-7643', 'joebrown@gmail.com', 662);

INSERT INTO TENANT (Name, ContactNumber, Email, CreditScore) VALUES ('Jason Walters', '179-573-4142', 'richardcortez@hotmail.com', 803);

```
INSERT INTO TENANT (Name, ContactNumber, Email,
CreditScore) VALUES ('Lisa Gonzalez', '439-034-8409',
'steven43@hotmail.com', 641);
```

```
INSERT INTO TENANT (Name, ContactNumber, Email,
CreditScore) VALUES ('Andrew Reid', '356-024-9057',
'brianconner@gmail.com', 765);
```

```
INSERT INTO TENANT (Name, ContactNumber, Email,
CreditScore) VALUES ('Mark Ellis', '624-345-8860',
'reedamanda@hotmail.com', 551);
```

```
INSERT INTO TENANT (Name, ContactNumber, Email,
CreditScore) VALUES ('Sara Carr', '731-032-7791',
'pstevens@yahoo.com', 811);
```

```
INSERT INTO TENANT (Name, ContactNumber, Email,
CreditScore) VALUES ('Donna Duffy', '987-839-7204',
'paigeanderson@gmail.com', 709);
```

```
INSERT INTO LEASE (PropertyID, StartDate, EndDate,
RentAmount, SecurityDeposit)
```

```
VALUES (6, '2022-09-30', '2023-08-28', 40736, 6727);
```

```
INSERT INTO LEASE (PropertyID, StartDate, EndDate,
RentAmount, SecurityDeposit)
```

```
VALUES (8, '2022-06-20', '2023-05-18', 29963, 5761);
```

```
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (4, '2022-12-01', '2023-08-29', 34434, 9054);  
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (5, '2022-05-01', '2023-01-15', 33623, 9512);  
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (3, '2023-01-18', '2023-11-20', 43242, 8396);  
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (1, '2022-03-15', '2023-02-05', 48459, 6514);  
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (2, '2022-07-24', '2023-07-03', 23145, 7306);  
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (7, '2023-03-06', '2024-01-30', 22177, 7123);  
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)  
VALUES (10, '2023-08-01', '2024-05-21', 16832, 9912);
```

```
INSERT INTO LEASE (PropertyID, StartDate, EndDate,  
RentAmount, SecurityDeposit)
```

```
VALUES (9, '2023-10-01', '2024-08-22', 11812, 7887);
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (1, 3, '2022-09-10');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (2, 5, '2022-06-10');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (3, 2, '2022-11-25');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (4, 4, '2022-04-15');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (5, 1, '2023-01-01');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (6, 7, '2022-03-10');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (7, 6, '2022-07-10');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (8, 9, '2023-03-01');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (9, 10, '2023-07-20');
```

```
INSERT INTO LEASE_TENANT (LeaseID, TenantID,  
SignatureDate) VALUES (10, 8, '2023-09-15');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (1, 1, 5000, '2023-01-01', 'Online');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (2, 2, 6000, '2023-02-01', 'Credit Card');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (3, 3, 4500, '2023-03-01', 'Bank Transfer');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (4, 4, 5500, '2023-04-01', 'Cash');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (5, 5, 5200, '2023-05-01', 'Check');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (6, 6, 5100, '2023-06-01', 'Online');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (7, 7, 6100, '2023-07-01', 'Credit Card');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (8, 8, 4300, '2023-08-01', 'Cash');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (9, 9, 4700, '2023-09-01', 'Bank Transfer');
```

```
INSERT INTO PAYMENT (TenantID, LeaseID, Amount,  
PaymentDate, PaymentMethod)
```

```
VALUES (10, 10, 4800, '2023-10-01', 'Online');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('GreenFix Inc.', 'Plumbing', '987-321-4560');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('FixitAll Solutions', 'Electrical', '876-453-2345');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('SparkClean Ltd.', 'Cleaning', '765-984-2323');
```



```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('HeatPro Services', 'HVAC', '908-123-9876');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('AquaWorks', 'Plumbing', '456-789-6543');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('BrightVolt', 'Electrical', '321-654-7890');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('ShinySpaces', 'Cleaning', '234-567-8901');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('AirFlow Systems', 'HVAC', '876-234-7891');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('PipeMasters', 'Plumbing', '654-321-0987');
```

```
INSERT INTO VENDOR (CompanyName, ServiceType,  
ContactNumber)
```

```
VALUES ('QuickCool Tech', 'HVAC', '345-678-1234');
```

```
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)
```

```
VALUES (1, 2, 1, 'Leaky faucet in bathroom', 'Low',  
'Completed', '2023-01-10', 200.00, '2023-01-12');
```

```
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)
```

```
VALUES (2, 3, 2, 'Power outage in kitchen', 'High',  
'Completed', '2023-02-05', 500.00, '2023-02-06');
```

```
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)
```

```
VALUES (3, 1, 3, 'Deep cleaning needed', 'Medium', 'In  
Progress', '2023-03-15', 300.00, NULL);
```

```
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)
```

```
VALUES (4, 5, 4, 'AC unit not cooling', 'Emergency',  
'Completed', '2023-04-01', 700.00, '2023-04-02');
```

```
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)
```

```
VALUES (5, 6, 5, 'Water heater leak', 'High',  
'Completed', '2023-05-10', 650.00, '2023-05-12');  
  
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)  
  
VALUES (6, 7, 6, 'Fuse trip issue', 'Medium', 'Open',  
'2023-06-20', 150.00, NULL);  
  
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)  
  
VALUES (7, 8, 7, 'Carpet cleaning', 'Low', 'Completed',  
'2023-07-05', 100.00, '2023-07-06');  
  
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)  
  
VALUES (8, 9, 8, 'Air conditioner not working',  
'Emergency', 'In Progress', '2023-08-12', 800.00, NULL);  
  
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)  
  
VALUES (9, 10, 9, 'Drain blockage', 'High', 'Cancelled',  
'2023-09-01', 400.00, NULL);
```

```
INSERT INTO MAINTENANCE_REQUEST (PropertyID,  
TenantID, VendorID, Description, Priority, Status,  
DateSubmitted, ServiceCost, CompletionDate)  
VALUES (10, 4, 10, 'Thermostat issue', 'Medium',  
'Completed', '2023-10-15', 250.00, '2023-10-16');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Swimming Pool',  
'Amenity', 'Large outdoor pool with lounge area');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Gym', 'Amenity',  
'Equipped fitness center');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Elevator', 'Service',  
'High-speed elevator for all floors');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Wi-Fi', 'Service', 'Free  
high-speed internet');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Fire Alarm', 'Service',  
'Automatic smoke detection and alarm system');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Parking Lot', 'Amenity',  
'Underground secure parking space');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Garden', 'Amenity',  
'Landscaped garden area for tenants');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Security Cameras',  
'Service', '24/7 surveillance in all common areas');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Intercom', 'Service',  
'Voice communication system within the building');
```

```
INSERT INTO PROPERTY_FEATURE (FeatureName,  
Category, Description) VALUES ('Backup Generator',  
'Service', 'Power backup for common areas and  
elevators');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (1, 1,  
'2021-06-15');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (2, 2,  
'2022-03-10');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (3, 3,  
'2020-09-25');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (4, 4,  
'2023-01-01');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (5, 5,  
'2020-12-30');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (6, 6,  
'2021-08-11');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (7, 7,  
'2022-10-04');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (8, 8,  
'2023-04-22');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (9, 9,  
'2021-07-17');
```

```
INSERT INTO PROPERTY_FEATURE_MAPPING  
(PropertyID, FeatureID, InstallationDate) VALUES (10,  
10, '2022-02-28');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (1, '2023-01-05',
'Move-in', 'Passed with minor issues');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (2, '2023-02-10',
'Annual', 'No issues found');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (3, '2023-03-15',
'Safety', 'Fire exit blocked');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (4, '2023-04-20',
'Maintenance', 'Light fixture replacement needed');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (5, '2023-05-25',
'Move-out', 'General wear and tear observed');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (6, '2023-06-30',
'Annual', 'Satisfactory condition');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (7, '2023-07-05',
'Safety', 'Loose electrical wire corrected');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (8, '2023-08-10',
'Move-in', 'Clean and ready');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (9, '2023-09-14',
'Maintenance', 'AC filter changed');
```

```
INSERT INTO INSPECTION (PropertyID, InspectionDate,
InspectionType, Result) VALUES (10, '2023-10-18',
'Annual', 'Minor leakage near window');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,
ApplicationDate, Status, CreditCheckResult) VALUES (1,
2, '2023-01-10', 'Approved', 'Pass');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,
ApplicationDate, Status, CreditCheckResult) VALUES (2,
3, '2023-02-15', 'Pending', 'Pending');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,
ApplicationDate, Status, CreditCheckResult) VALUES (3,
4, '2023-03-20', 'Rejected', 'Fail');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,
ApplicationDate, Status, CreditCheckResult) VALUES (4,
5, '2023-04-25', 'Approved', 'Pass');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,
ApplicationDate, Status, CreditCheckResult) VALUES (5,
6, '2023-05-30', 'Pending', 'Pending');
```



```
INSERT INTO APPLICATION (TenantID, PropertyID,  
ApplicationDate, Status, CreditCheckResult) VALUES (6,  
7, '2023-06-10', 'Withdrawn', 'Pending');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,  
ApplicationDate, Status, CreditCheckResult) VALUES (7,  
8, '2023-07-15', 'Approved', 'Pass');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,  
ApplicationDate, Status, CreditCheckResult) VALUES (8,  
9, '2023-08-20', 'Rejected', 'Fail');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,  
ApplicationDate, Status, CreditCheckResult) VALUES (9,  
10, '2023-09-25', 'Pending', 'Pending');
```

```
INSERT INTO APPLICATION (TenantID, PropertyID,  
ApplicationDate, Status, CreditCheckResult) VALUES  
(10, 1, '2023-10-30', 'Approved', 'Pass');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Electricity', 'ElectroCo',  
'ACC-1234-AB');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Gas', 'GasLine Ltd', 'ACC-  
5678-CD');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Water', 'H2O Services',  
'ACC-9101-EF');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Internet', 'NetSpeed', 'ACC-  
1213-GH');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Cable', 'TVConnect', 'ACC-  
1415-IJ');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Trash', 'CleanItUp', 'ACC-  
1617-KL');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Electricity', 'VoltPower',  
'ACC-1819-MN');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Gas', 'HeatStream', 'ACC-  
2021-OP');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Water', 'FreshTap', 'ACC-  
2223-QR');
```

```
INSERT INTO UTILITY (UtilityType, ProviderName,  
AccountNumber) VALUES ('Internet', 'HyperNet', 'ACC-  
2425-ST');
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (1, 1, '2021-  
06-01', 500.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (2, 2, '2021-  
07-01', 300.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (3, 3, '2021-  
08-01', 200.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (4, 4, '2021-  
09-01', 800.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (5, 5, '2021-  
10-01', 450.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (6, 6, '2021-  
11-01', 150.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (7, 7, '2022-  
01-01', 600.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (8, 8, '2022-  
02-01', 550.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (9, 9, '2022-  
03-01', 250.00);
```

```
INSERT INTO UTILITY_PROPERTY (PropertyID, UtilityID,  
ConnectionDate, MonthlyCharge) VALUES (10, 10,  
'2022-04-01', 700.00);
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('SecureShield Ltd.', 500000.00, 12000.00,  
'2022-01-01', '2024-01-01');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('SafeGuard Corp.', 750000.00, 15000.00,  
'2022-03-01', '2024-03-01');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('TrustInsure', 600000.00, 11000.00, '2022-05-15', '2024-05-15');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('ProtectAll', 800000.00, 14000.00, '2022-07-10', '2024-07-10');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('HomeSecure Inc.', 900000.00, 16000.00,  
'2022-09-20', '2024-09-20');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('ShieldSafe Ltd.', 550000.00, 12500.00, '2022-11-05', '2024-11-05');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('AssetProtectors', 650000.00, 13500.00, '2023-01-10', '2025-01-10');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('Reliable Risk', 720000.00, 14500.00, '2023-03-  
01', '2025-03-01');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('Guardianship Co.', 880000.00, 17000.00,  
'2023-05-05', '2025-05-05');
```

```
INSERT INTO INSURANCE (InsuranceCompany,  
CoverageAmount, PremiumAmount, PolicyStartDate,  
PolicyEndDate)
```

```
VALUES ('Prime Coverages', 950000.00, 18000.00,  
'2023-06-15', '2025-06-15');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (1, 1, '2022-01-  
01');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (2, 2, '2022-03-  
01');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (3, 3, '2022-05-  
15');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (4, 4, '2022-07-  
10');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (5, 5, '2022-09-  
20');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (6, 6, '2022-11-  
05');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (7, 7, '2023-01-  
10');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (8, 8, '2023-03-  
01');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (9, 9, '2023-05-  
05');
```

```
INSERT INTO PROPERTY_INSURANCE (PropertyID,  
PolicyID, CoverageStartDate) VALUES (10, 10, '2023-06-  
15');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (1, 'Repair', 1000.00, '2023-01-10', 'Repaired  
broken door lock');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (2, 'Maintenance', 1500.00, '2023-02-15',  
'General HVAC servicing');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (3, 'Utility', 800.00, '2023-03-10', 'Water bill  
payment');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (4, 'Other', 500.00, '2023-04-05', 'Landscaping  
service');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (5, 'Repair', 1200.00, '2023-05-12', 'Electrical  
wiring fix');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```



```
VALUES (6, 'Maintenance', 2000.00, '2023-06-20',  
'Elevator inspection and lube');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (7, 'Utility', 950.00, '2023-07-18', 'Electricity bill  
payment');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (8, 'Repair', 1100.00, '2023-08-22', 'Broken  
window glass');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (9, 'Maintenance', 1800.00, '2023-09-16',  
'Gutter cleaning');
```

```
INSERT INTO EXPENSE (PropertyID, ExpenseType,  
Amount, ExpenseDate, Description)
```

```
VALUES (10, 'Utility', 600.00, '2023-10-11', 'Trash  
disposal service');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)
```

```
VALUES ('Property', 1, 'PDF',  
'/docs/property_1_deed.pdf', '2023-01-01');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
VALUES ('Lease', 2, 'Image', '/docs/lease_2_scan.jpg',  
'2023-02-02');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
VALUES ('Tenant', 3, 'Doc',  
'/docs/tenant_3_profile.docx', '2023-03-03');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
VALUES ('Owner', 4, 'PDF', '/docs/owner_4_id.pdf',  
'2023-04-04');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
VALUES ('Maintenance', 5, 'Image',  
'/docs/maintenance_5_receipt.png', '2023-05-05');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
VALUES ('Property', 6, 'PDF',  
'/docs/property_6_plan.pdf', '2023-06-06');
```

```
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)
```

```
VALUES ('Lease', 7, 'Doc',  
'/docs/lease_7_contract.docx', '2023-07-07');  
  
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
  
VALUES ('Tenant', 8, 'PDF', '/docs/tenant_8_id.pdf',  
'2023-08-08');  
  
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
  
VALUES ('Owner', 9, 'Image',  
'/docs/owner_9_photo.jpg', '2023-09-09');  
  
INSERT INTO DOCUMENT (EntityType, EntityID,  
DocumentType, FilePath, UploadDate)  
  
VALUES ('Maintenance', 10, 'PDF',  
'/docs/maintenance_10_report.pdf', '2023-10-10');
```

