

DBMS PROJECT REPORT

PROJECT TITLE

APARTMENT MANAGEMENT SYSTEM

TEAM DETAILS

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SECTION 'F'

OVERVIEW

Our project, the Apartment Management System, is designed to make it easier to manage apartments. It has three types of users: Owners, Tenants, and Employees. We used Flask for the backend, HTML for the frontend, and MySQL for the database.

Our project helps in apartment maintenance by allowing owners to track tenants and payments, letting tenants manage their rental agreements and complaints, and helping employees handle complaints in their assigned blocks.

Key Features:

1. **Homepage and User Login:** The system starts with a homepage where users can choose to log in as an Owner, Tenant, or Employee. After selecting their role and entering the correct login details, they are taken to their own dashboard.
2. **Owner Dashboard:** Owners can see details about their rooms, tenants, and payments. They can keep track of which tenants are living in which rooms, whether the rent has been paid, and if rental agreements are up to date.
3. **Tenant Dashboard:** Tenants can view and manage their rental agreements, make payments, renew their contracts, and raise complaints. They can also see the status of their past complaints.

4. **Employee Dashboard:** Employees, who manage different blocks, can see and resolve complaints raised by tenants in their assigned block. This ensures that tenant issues are addressed quickly.

The system uses **Flask** to handle user actions and **MySQL** to store and manage all the data, such as tenant, owner and employee information, room details, payments, and complaints.

IMPLEMENTATION

Backend (MySQL):

- **Database:** MySQL is used to store all data, such as owners, tenants, employees, rooms, payments, and complaints.
- **Data Links:** The database has connections between tables to keep data accurate, like linking rooms to owners and payments to tenants.

Backend Logic (Flask and PyMySQL):

- **Main Routing (hello.py):** Flask runs the backend logic, handles user requests, connects to the database using PyMySQL, and updates or retrieves data.
- **User Sessions:** Sessions ensure only logged-in users can access their dashboards safely.
- **Forms:** WTForms is used to create and validate forms for user input.

Frontend (HTML Templates):

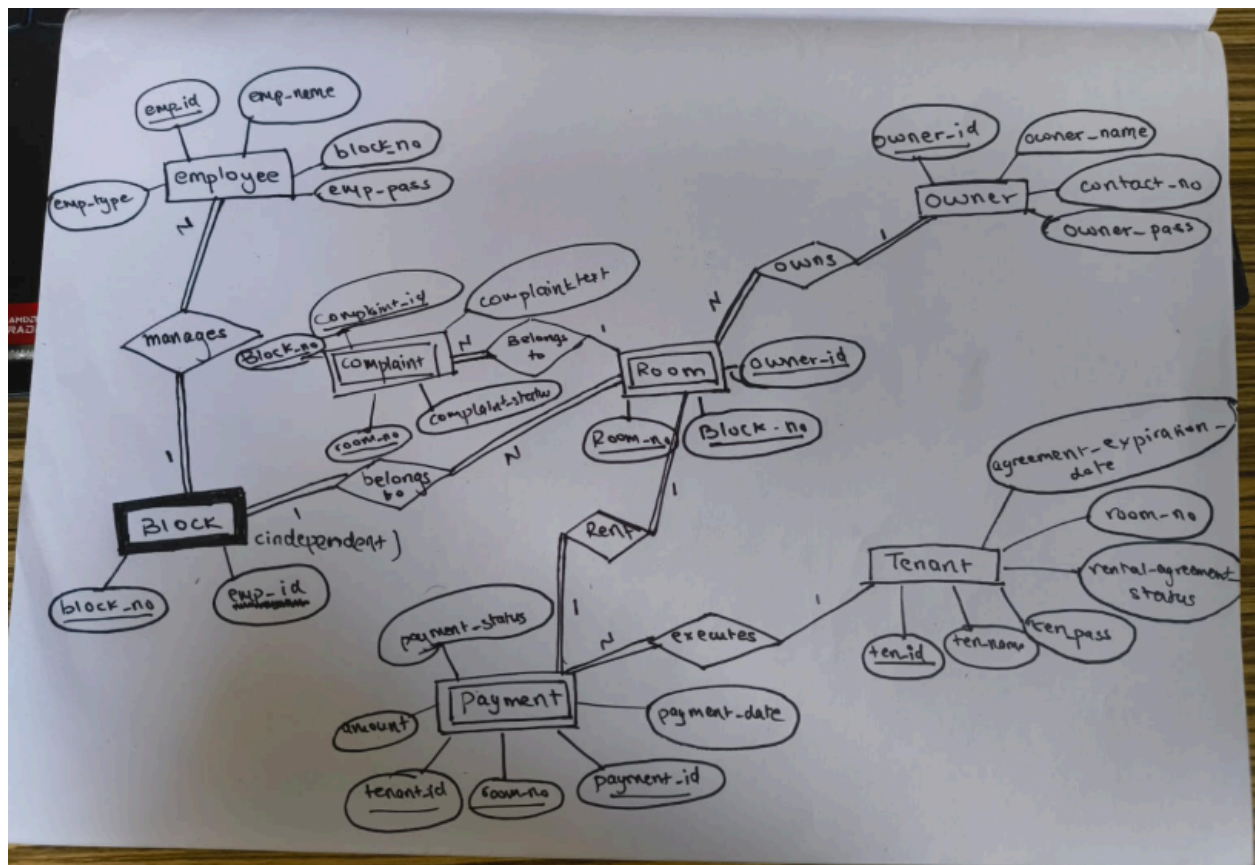
- **Templates:** HTML templates show the web pages users see, filled with data from the backend.
- **Dynamic Display:** Jinja2 lets templates show real-time data, such as tenant or payment information.
- **User Dashboards:** There are separate login pages and dashboards for owners, tenants, and employees.
- **Feedback Messages:** Flash messages notify users about their actions (e.g., login success, errors).

How It Works:

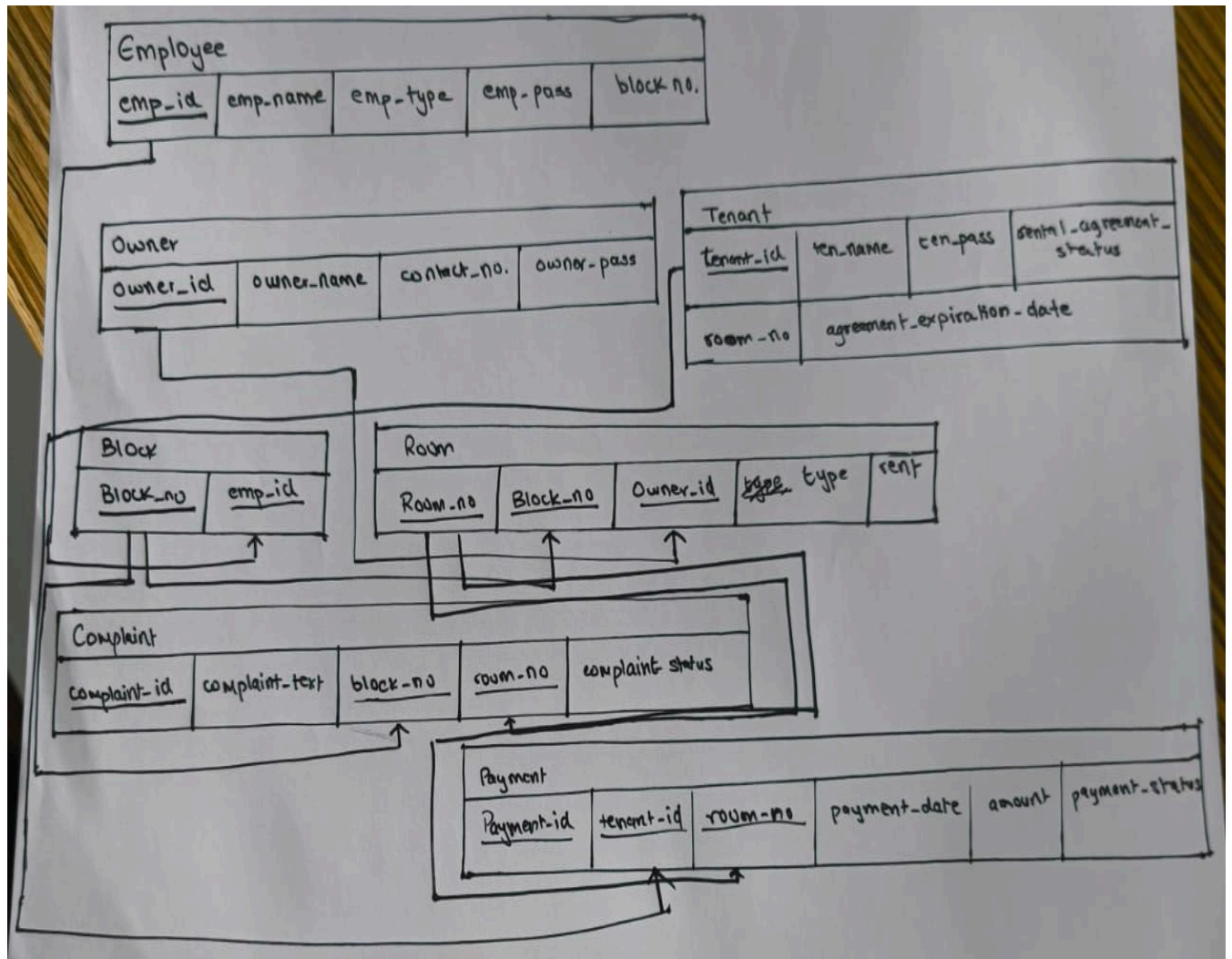
1. **Starting Point:** Users visit the home page and choose to log in as an owner, tenant, or employee.

2. **Login & Routing:** The hello.py file checks user credentials and routes them to their dashboard if successful.
3. **Data Handling:** Flask fetches or updates data in MySQL using PyMySQL when users interact (e.g., make payments or file complaints).
4. **Page Display:** Data is passed to HTML templates and shown on the page using Jinja2.
5. **User Actions:** Users can do things like renew agreements, pay rent, or handle complaints, with WTForms ensuring inputs are valid.

ENTITY RELATIONSHIP DIAGRAM



RELATIONAL SCHEMA



TABLES

1. Owner table

```
CREATE TABLE Owner (  
    owner_id VARCHAR(50) PRIMARY KEY,  
    owner_name VARCHAR(255) NOT NULL,  
    contact_no VARCHAR(15) NOT NULL,  
    owner_pass VARCHAR(255) NOT NULL DEFAULT '12345678'  
);
```

Result Grid						
		Filter Rows:			Export:	Wrap Ce
	Field	Type	Null	Key	Default	Extra
►	owner_id	varchar(50)	NO	PRI	NULL	
	owner_name	varchar(255)	NO		NULL	
	contact_no	varchar(15)	NO		NULL	
	owner_pass	varchar(255)	NO		12345678	

2. Employee table

```
CREATE TABLE Employee (  
    emp_id VARCHAR(50) PRIMARY KEY,  
    emp_name VARCHAR(255) NOT NULL,  
    emp_type ENUM('block_admin', 'staff') NOT NULL,  
    emp_pass VARCHAR(255) NOT NULL DEFAULT '12345678',  
    block_no INT NOT NULL  
);
```

	Field	Type	Null	Key	Default	Extra
▶	emp_id	varchar(50)	NO	PRI	NULL	
	emp_name	varchar(255)	NO		NULL	
	emp_type	enum('block_admin','staff')	NO		NULL	
	emp_pass	varchar(255)	NO		12345678	
	block_no	int	NO	MUL	NULL	

3. Block Table

```

CREATE TABLE Block (
    block_no INT PRIMARY KEY,
    emp_id VARCHAR(50),
    FOREIGN KEY (emp_id) REFERENCES Employee(emp_id)
);

```

	Field	Type	Null	Key	Default	Extra
▶	block_no	int	NO	PRI	NULL	
	emp_id	varchar(50)	YES	MUL	NULL	

4. Rooms Table

```

CREATE TABLE Room (
    room_no INT PRIMARY KEY,
    type ENUM('1BHK', '2BHK', '3BHK') NOT NULL,
    parking_slot BOOLEAN NOT NULL DEFAULT TRUE,
    rent DECIMAL(10, 2) NOT NULL,
    block_no INT NOT NULL,
    owner_id VARCHAR(50) NOT NULL,
    FOREIGN KEY (block_no) REFERENCES Block(block_no),
    FOREIGN KEY (owner_id) REFERENCES Owner(owner_id)
);

```

Result Grid						
		Filter Rows:			Export:	Wrap Cell Content:
	Field	Type	Null	Key	Default	Extra
▶	room_no	int	NO	PRI	NULL	
	type	enum('1BHK','2BHK','3BHK')	NO		NULL	
	rent	decimal(10,2)	NO		NULL	
	block_no	int	NO	MUL	NULL	
	owner_id	varchar(50)	NO	MUL	NULL	

Result 5

5. Tenant Table

- **CREATE TABLE** Tenant (
 tenant_id VARCHAR(50) PRIMARY KEY,
 ten_name VARCHAR(255) NOT NULL,
 ten_pass VARCHAR(255) NOT NULL DEFAULT '12345678',
 rental_agreement_status VARCHAR(50) NOT NULL,
 room_no INT NOT NULL,
 FOREIGN KEY (room_no) REFERENCES Room(room_no)
);
- **ALTER TABLE** Tenant **ADD COLUMN** agreement_expiration_date **DATE**;

	Field	Type	Null	Key	Default	Extra
▶	tenant_id	varchar(50)	NO	PRI	NULL	
	ten_name	varchar(255)	NO		NULL	
	ten_pass	varchar(255)	NO		12345678	
	rental_agreement_status	varchar(50)	NO		NULL	
	room_no	int	NO	MUL	NULL	
	agreement_expiration_date	date	YES		NULL	

6. Complaint Table

```
CREATE TABLE Complaint (  
    complain_id INT PRIMARY KEY AUTO_INCREMENT,  
    complaint_text TEXT NOT NULL,  
    block_no INT NOT NULL,  
    room_no INT NOT NULL,  
    complaint_status ENUM('pending', 'resolved') default 'pending',  
    FOREIGN KEY (block_no) REFERENCES Block(block_no),  
    FOREIGN KEY (room_no) REFERENCES Room(room_no)  
);
```

```
ALTER TABLE Complaint CHANGE complain_id complaint_id INT AUTO_INCREMENT PRIMARY KEY;
```

```
DESCRIBE Complaint;
```

```
ALTER TABLE Complaint
```

```
MODIFY COLUMN complaint_id INT AUTO_INCREMENT PRIMARY KEY;
```

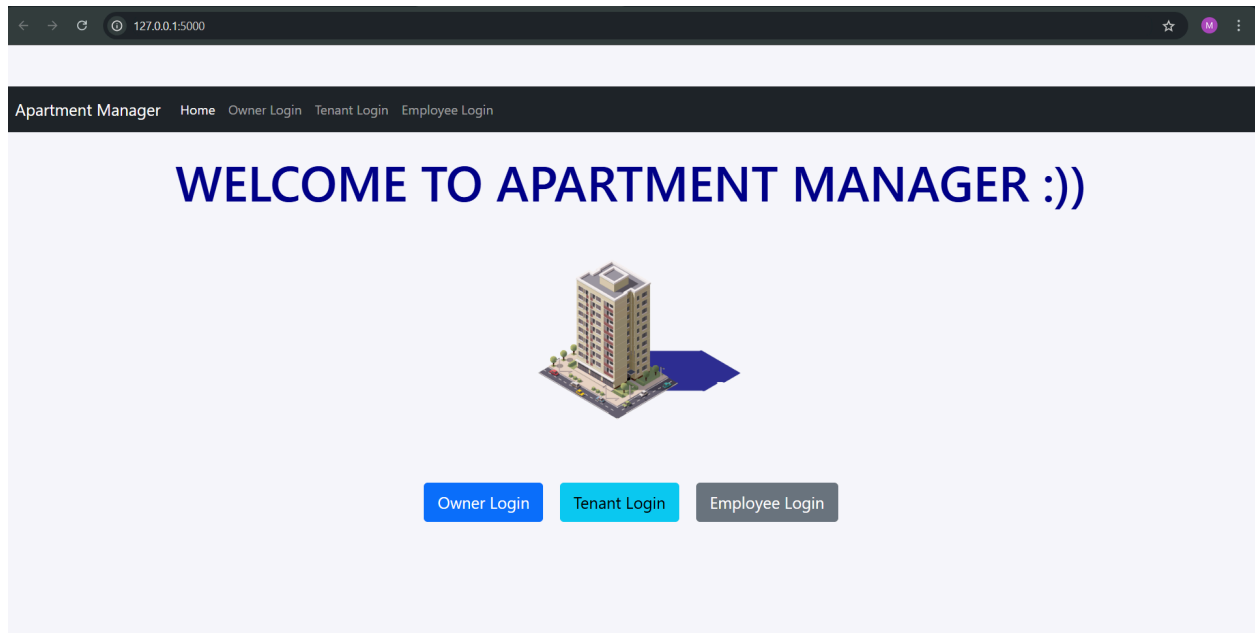
Field	Type	Null	Key	Default	Extra
block_no	int	NO	MUL	NULL	
room_no	int	NO	MUL	NULL	
complaint_status	enum('pending','resolved')	NO		pending	
complaint_id	int	NO	PRI	NULL	auto_incre
details	varchar(255)	NO		NULL	
tenant_id	varchar(50)	NO	MUL	NULL	

7. Payment Table

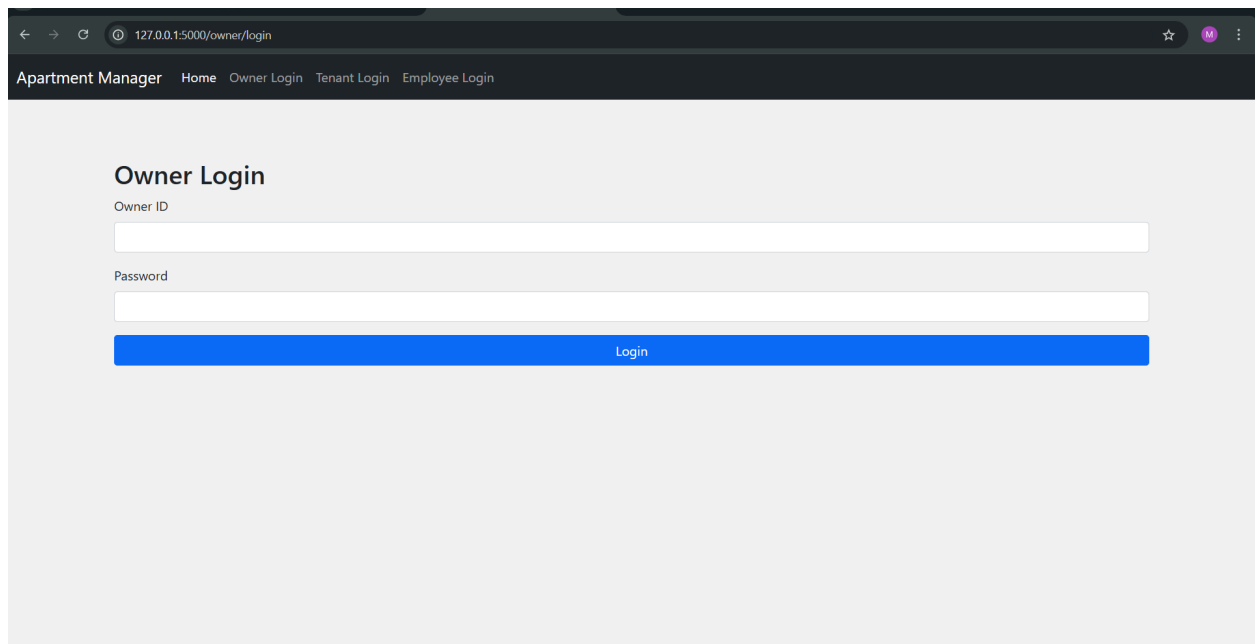
```
CREATE TABLE Payment (  
    payment_id INT PRIMARY KEY AUTO_INCREMENT,  
    tenant_id VARCHAR(50) NOT NULL,  
    room_no INT NOT NULL,  
    payment_date DATE NOT NULL,  
    amount DECIMAL(10, 2) NOT NULL,  
    payment_status ENUM('paid', 'pending') NOT NULL,  
    FOREIGN KEY (tenant_id) REFERENCES Tenant(tenant_id),  
    FOREIGN KEY (room_no) REFERENCES Room(room_no)  
);
```

Result Grid						
Filter Rows:		Export:		Wrap Cell Content:		
	Field	Type	Null	Key	Default	Extra
▶	payment_id	int	NO	PRI	NULL	auto_increment
	tenant_id	varchar(50)	NO	MUL	NULL	
	room_no	int	NO	MUL	NULL	
	payment_date	date	NO		NULL	
	amount	decimal(10,2)	NO		NULL	
	payment_status	enum('paid','pending')	NO		NULL	

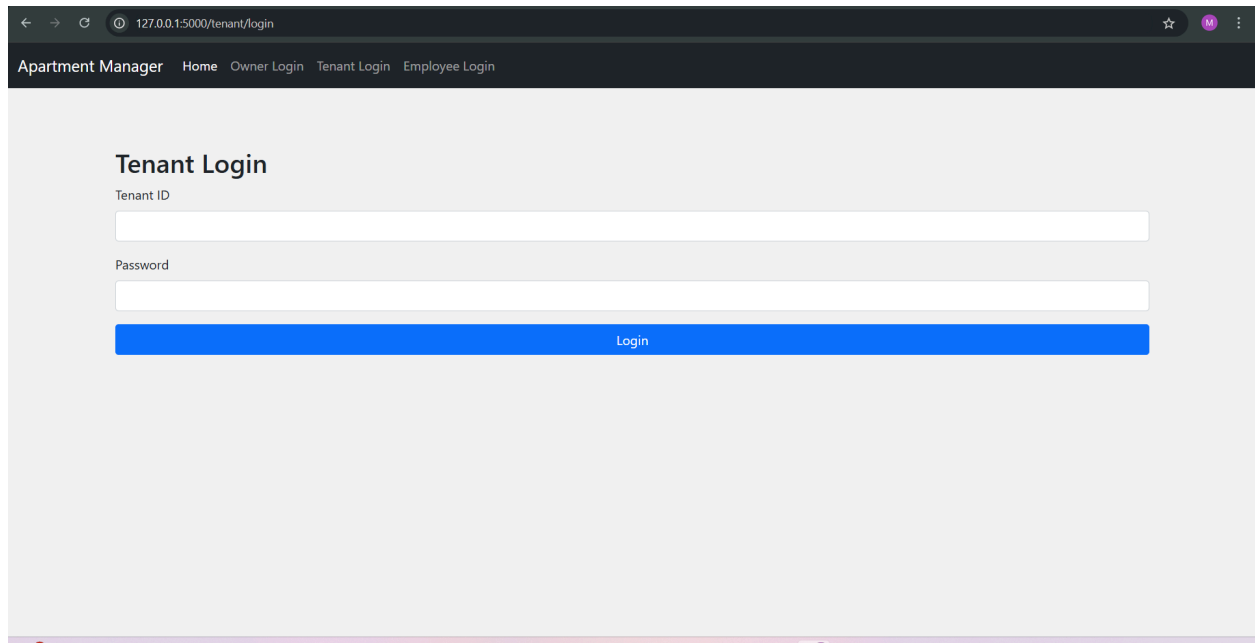
HOME PAGE



OWNER LOGIN



TENANT LOGIN



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/tenant/login". The browser's navigation bar includes "Apartment Manager" and links for "Home", "Owner Login", "Tenant Login", and "Employee Login". The main content area has a light gray background and features the heading "Tenant Login". Below the heading are two input fields: "Tenant ID" and "Password". A blue "Login" button is positioned at the bottom of the form.

127.0.0.1:5000/tenant/login

Apartment Manager Home Owner Login Tenant Login Employee Login

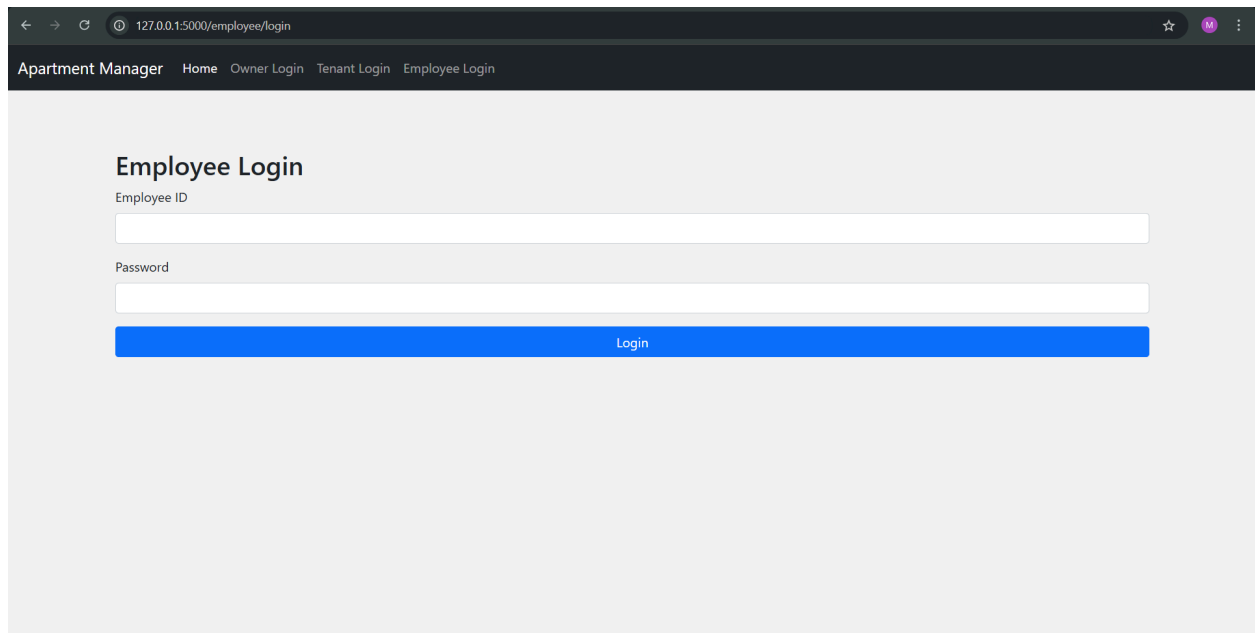
Tenant Login

Tenant ID

Password

Login

EMPLOYEE LOGIN



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/employee/login". The browser's navigation bar includes "Apartment Manager" and links for "Home", "Owner Login", "Tenant Login", and "Employee Login". The main content area has a light gray background and features the heading "Employee Login". Below the heading are two input fields: "Employee ID" and "Password". A blue "Login" button is positioned at the bottom of the form.

127.0.0.1:5000/employee/login

Apartment Manager Home Owner Login Tenant Login Employee Login

Employee Login

Employee ID

Password

Login

OWNER DASHBOARD

127.0.0.1:5000/owner/OWN131

🔍 ⭐ M ⋮

Welcome, Priya Patel!

Here's an overview of your properties and tenants.

Total Rooms Owned: 3

Total Tenants: 3

Rooms Owned

Tenants Information

Room Number	Block Number	Room Type
1301	13	3BHK
1302	13	2BHK
1303	13	2BHK

Tenant Name	Room Number	Block Number	Agreement Status	Agreement Expiration Date	Rent Status
Geeta Iyer	1301	13	expired	2023-10-31	pending
Kavita Mehta	1302	13	renewed	2024-10-31	paid
Ankit Patel	1303	13	expired	2023-10-30	pending

TENANT DASHBOARD

rental agreement status = expired & payment status = pending

Apartment Manager Home Owner Login Tenant Login Employee Login

Welcome, Ankit Patel!

Here's an overview of your room and owner details.

Raise Complaint

View Complaints

Room Number	Block Number	Owner Name	Owner Contact	Room Type
1303	13	Priya Patel	8765432109	2BHK

Rental Information

Agreement Expiration Date: 2023-10-30

Payment Status: pending

Renew Agreement

rental agreement status = renewed & payment status = paid

The screenshot shows a web browser at the URL 127.0.0.1:5000/tenant/TEN133. The navigation bar includes 'Apartment Manager', 'Home', 'Owner Login', 'Tenant Login', and 'Employee Login'. The main content area features a large 'Welcome, Ankit Patel!' message, a sub-header 'Here's an overview of your room and owner details.', and two buttons: 'Raise Complaint' and 'View Complaints'. Below these is a table with the following data:

Room Number	Block Number	Owner Name	Owner Contact	Room Type
1303	13	Priya Patel	8765432109	2BHK

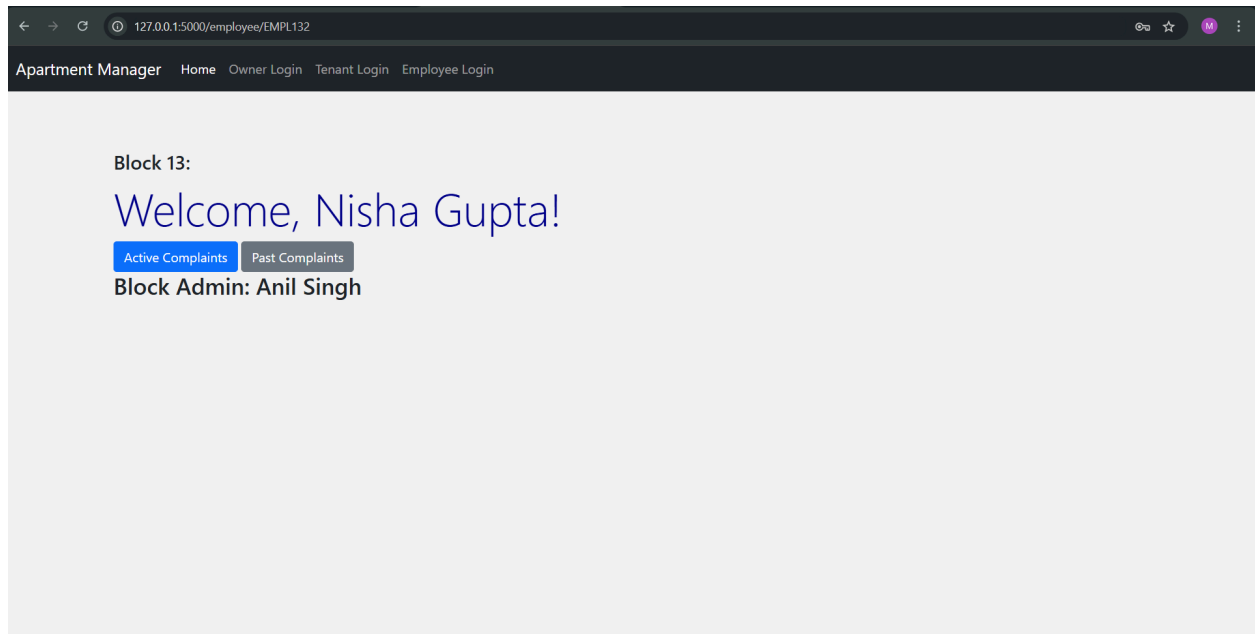
Below the table, the 'Rental Information' section displays 'Agreement Expiration Date: 2025-11-13' and 'Payment Status: paid'.

EMPLOYEE DASHBOARD

For Block Admin

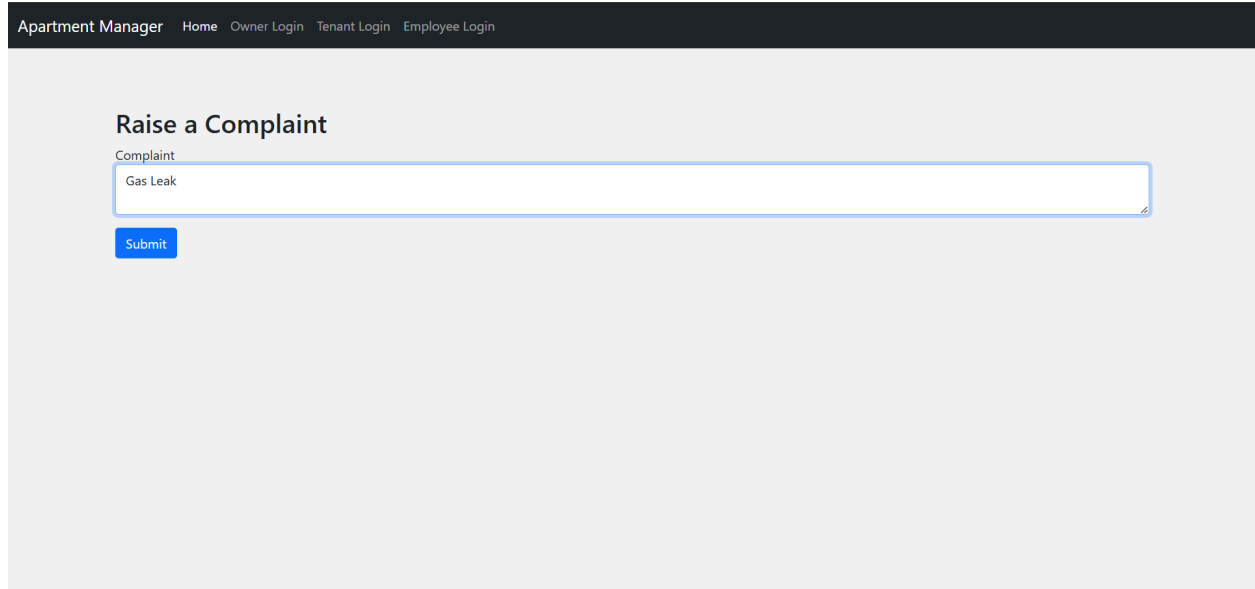
The screenshot shows a web browser at the URL 127.0.0.1:5000/employee/EMPL131. The navigation bar is identical to the tenant dashboard. The main content area displays 'Block 13:' followed by a large 'Welcome, Anil Singh!' message. Below the welcome message are two buttons: 'Active Complaints' and 'Past Complaints'.

For staff working in that block



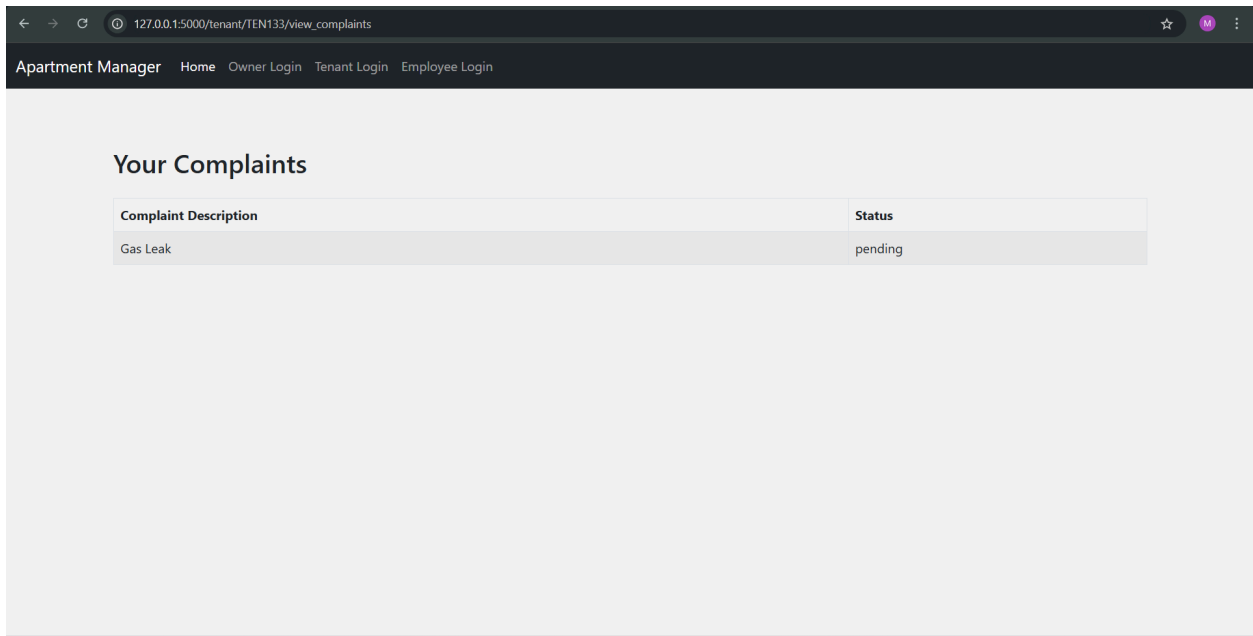
COMPLAINTS

Raise complaints (Tenant)

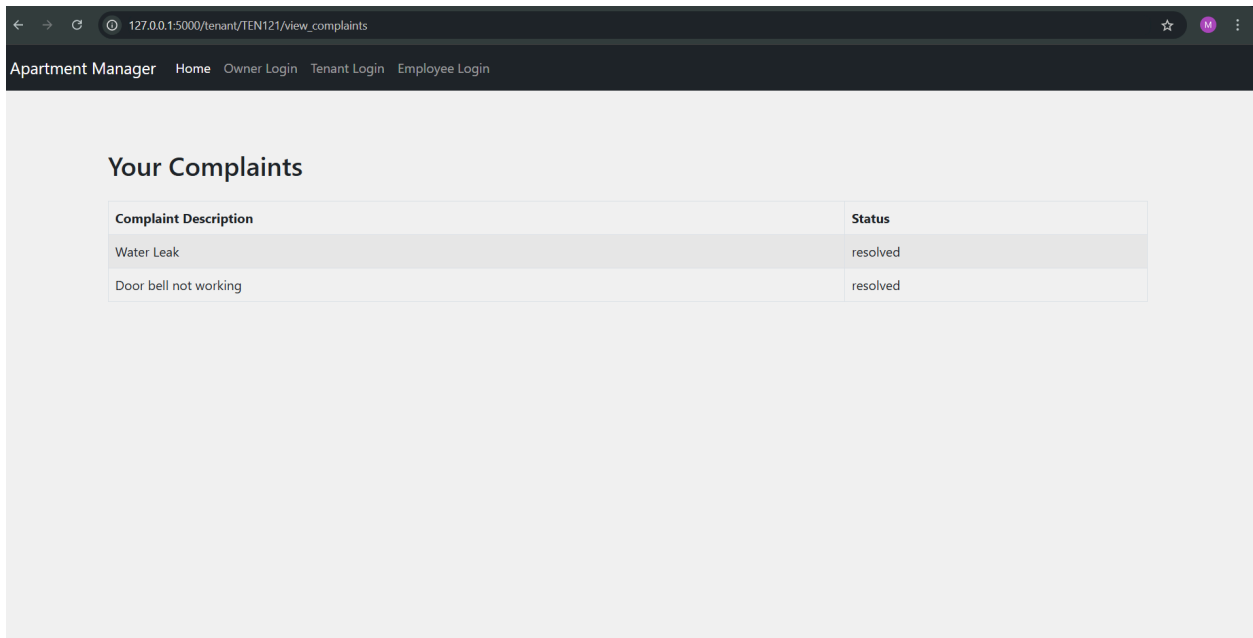


View complaint (Tenant)

Screenshot 1:



Screenshot 2:



Active complaints (Employee)

The screenshot shows a web browser window with the URL `127.0.0.1:5000/employee/EMPL131/active_complaints`. The browser's address bar includes navigation icons and a star icon. The page has a dark header with the text "Apartment Manager" and navigation links: "Home", "Owner Login", "Tenant Login", and "Employee Login". The main content area has a light gray background and is titled "Active Complaints". Below the title, there is a white card containing a single entry: "Gas Leak". To the right of this entry is a green button labeled "Resolve".

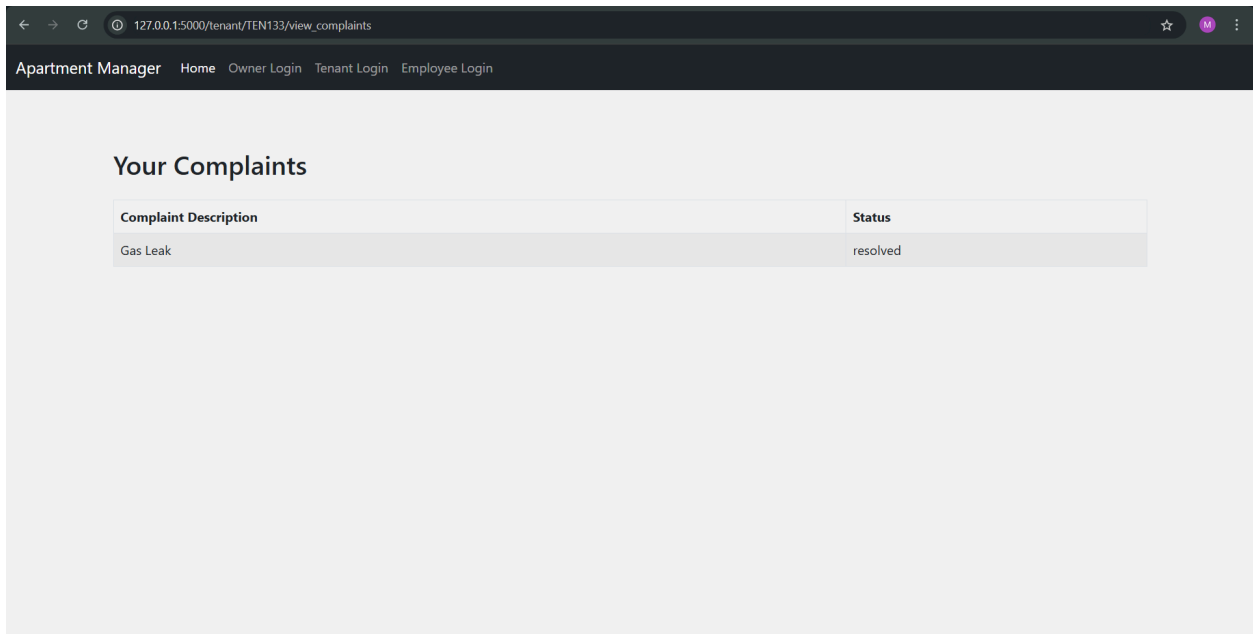
Active Complaints	
Gas Leak	Resolve

Past complaints (Employee)

The screenshot shows a web browser window with the URL `127.0.0.1:5000/employee/EMPL132/past_complaints`. The browser's address bar includes navigation icons and a star icon. The page has a dark header with the text "Apartment Manager" and navigation links: "Home", "Owner Login", "Tenant Login", and "Employee Login". The main content area has a light gray background and is titled "Past Complaints". Below the title, there is a white card containing two entries: "Gas Leak" and "Water Leak".

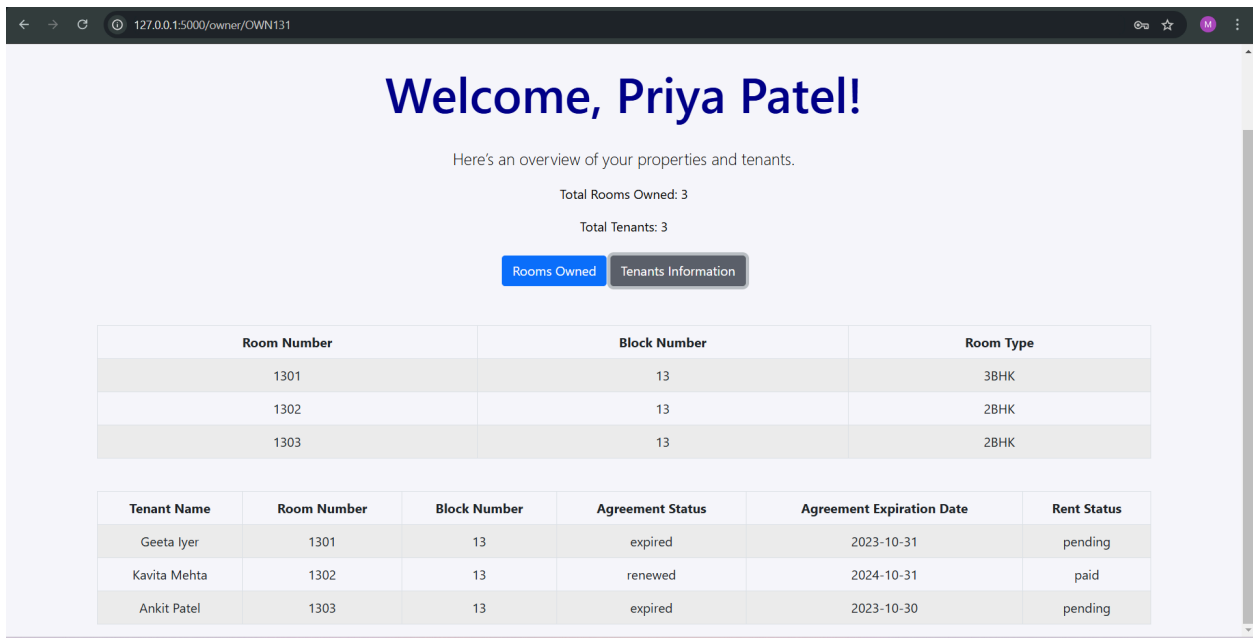
Past Complaints	
Gas Leak	
Water Leak	

Complaint Resolved (Tenant)



PAYMENTS

Ankit Patel: Agreement status expired and rent status pending



Renew agreement and make payment as tenant

Apartment ManagerHomeOwner LoginTenant LoginEmployee Login

Welcome, Ankit Patel!

Here's an overview of your room and owner details.

Raise Complaint

View Complaints

Room Number	Block Number	Owner Name	Owner Contact	Room Type
1303	13	Priya Patel	8765432109	2BHK

Rental Information

Agreement Expiration Date: 2023-10-30

Payment Status: pending

Renew Agreement

Apartment ManagerHomeOwner LoginTenant LoginEmployee Login

Welcome, Ankit Patel!

Here's an overview of your room and owner details.

Raise Complaint

View Complaints

Room Number	Block Number	Owner Name	Owner Contact	Room Type
1303	13	Priya Patel	8765432109	2BHK

Rental Information

Agreement Expiration Date: 2025-11-13

Payment Status: pending

Make Payment - 16000.00

Welcome, Ankit Patel!

Here's an overview of your room and owner details.

Raise Complaint

View Complaints

Room Number	Block Number	Owner Name	Owner Contact	Room Type
1303	13	Priya Patel	8765432109	2BHK

Rental Information

Agreement Expiration Date: 2025-11-13

Payment Status: paid

Status updated for Ankit Patel (tenant) on owner dashboard

Welcome, Priya Patel!

Here's an overview of your properties and tenants.

Total Rooms Owned: 3

Total Tenants: 3

Rooms Owned

Tenants Information

Room Number	Block Number	Room Type
1301	13	3BHK
1302	13	2BHK
1303	13	2BHK

Tenant Name	Room Number	Block Number	Agreement Status	Agreement Expiration Date	Rent Status
Geeta Iyer	1301	13	expired	2023-10-31	pending
Kavita Mehta	1302	13	renewed	2024-10-31	paid
Ankit Patel	1303	13	renewed	2025-11-13	paid

Owner dashboard route(hello.py file)

```
# Owner dashboard route
@app.route('/owner/<string:owner_id>')
def owner(owner_id):
    owner = Owner.query.get_or_404(owner_id)
    rooms = Room.query.filter_by(owner_id=owner_id).all()

    # Query to get tenants with room and payment information
    tenants = db.session.query(
        Tenant,
        Room,
        Payment.payment_status
    ).join(Room, Tenant.room_no == Room.room_no)\
    .outerjoin(Payment, Tenant.tenant_id == Payment.tenant_id)\
    .filter(Room.owner_id == owner_id)\
    .all()

    # Aggregate functions to count total tenants and rooms
    total_rooms = Room.query.filter_by(owner_id=owner_id).count()
    total_tenants = Tenant.query.join(Room).filter(Room.owner_id == owner_id).count()

    return render_template(
        'owner.html',
        owner_name=owner.owner_name,
        rooms=rooms,
        tenants=tenants,
        total_rooms=total_rooms,
        total_tenants=total_tenants
    )
```

JOIN

```
# Query to get tenants with room and payment information
tenants = db.session.query(
    Tenant,
    Room,
    Payment.payment_status
).join(Room, Tenant.room_no == Room.room_no)\
.outerjoin(Payment, Tenant.tenant_id == Payment.tenant_id)\
.filter(Room.owner_id == owner_id)\
.all()
```

AGGREGATE

To display total rooms owned by an owner and total tenants under an owner

```
# Aggregate functions to count total tenants and rooms
total_rooms = Room.query.filter_by(owner_id=owner_id).count()
total_tenants = Tenant.query.join(Room).filter(Room.owner_id == owner_id).count()

return render_template(
    'owner.html',
    owner_name=owner.owner_name,
    rooms=rooms,
    tenants=tenants,
    total_rooms=total_rooms,
    total_tenants=total_tenants
)
```

OUTPUT

AGGREGATE: Total rooms owned and Total Tenants

JOIN: Displaying tenants under a particular owner with room and payment information

Welcome, Priya Patel!

Here's an overview of your properties and tenants.

Total Rooms Owned: 3

Total Tenants: 3

Rooms OwnedTenants Information

Room Number	Block Number	Room Type
1301	13	3BHK
1302	13	2BHK
1303	13	2BHK

Tenant Name	Room Number	Block Number	Agreement Status	Agreement Expiration Date	Rent Status
Geeta Iyer	1301	13	expired	2023-10-31	pending
Kavita Mehta	1302	13	renewed	2024-10-31	paid
Ankit Patel	1303	13	renewed	2025-11-13	paid

TRIGGERS

1. Trigger to prevent duplicate room assignment

```
DELIMITER //
```

```
CREATE TRIGGER prevent_duplicate_room_assignment
```

```
BEFORE INSERT ON Tenant
```

```
FOR EACH ROW
```

```
BEGIN
```

```
    DECLARE room_occupied INT;
```

```
    -- Check if the room is already occupied by another tenant
```

```
    SELECT COUNT(*) INTO room_occupied
```

```
    FROM Tenant
```

```
    WHERE room_no = NEW.room_no;
```

```
    -- If the room is occupied, prevent the insertion
```

```
    IF room_occupied > 0 THEN
```

```
        SIGNAL SQLSTATE '45000'
```

```
        SET MESSAGE_TEXT = 'Error: This room is already occupied by another tenant.';
```

```
    END IF;
```

```
END //
```

```
DELIMITER ;
```

2. To set payment amount in payment table to that of rent in room table

```
CREATE TRIGGER set_payment_amount
BEFORE INSERT ON Payment
FOR EACH ROW
BEGIN
    DECLARE room_rent DECIMAL(10, 2);

    -- Get the rent for the room from the Room table
    SELECT rent INTO room_rent
    FROM Room
    WHERE room_no = NEW.room_no;

    -- Set the payment amount
    SET NEW.amount = room_rent;
END; //

DELIMITER ;
```

278 • `select * from Room where room_no = 1303;`

Result Grid	Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
room_no	type	rent	block_no	owner_id
1303	2BHK	16000.00	13	OWN131
NULL	NULL	NULL	NULL	NULL

279 • `select * from Payment where room_no = 1303;`

Result Grid

Filter Rows:

Edit:

Export/Import:

	payment_id	tenant_id	room_no	payment_date	amount	payment_status
▶	21	TEN133	1303	2023-10-30	16000.00	pending
*	NULL	NULL	NULL	NULL	NULL	NULL

3. To set payment status to pending if rental agreement status is expired

```
DELIMITER //
```

```
CREATE TRIGGER update_payment_status
BEFORE INSERT ON Payment
FOR EACH ROW
BEGIN
    DECLARE rental_status VARCHAR(50);

    -- Get the rental agreement status for the tenant
    SELECT rental_agreement_status INTO rental_status
    FROM Tenant
    WHERE tenant_id = NEW.tenant_id;







    -- Set payment status based on rental agreement status
    IF rental_status = 'expired' THEN
        SET NEW.payment_status = 'pending';
    ELSE
        SET NEW.payment_status = 'paid'; -- or any other status logic you prefer
    END IF;
END; //
```

```
DELIMITER ;
```

```
280 • select * from Tenant where room_no = 1303;
```

	tenant_id	ten_name	ten_pass	rental_agreement_status	room_no	agreement_expiration_date
▶	TEN133	Ankit Patel	mysql123	expired	1303	2023-10-30
*	NULL	NULL	NULL	NULL	NULL	NULL


```
279 • select * from Payment where room_no = 1303;
```

Result Grid  Filter Rows: <input type="text"/> Edit:    Export/Import:  						
	payment_id	tenant_id	room_no	payment_date	amount	payment_status
▶	21	TEN133	1303	2023-10-30	16000.00	pending
*	NULL	NULL	NULL	NULL	NULL	NULL

FUNCTIONS/PROCEDURES

1. To check if tenant login credentials is correct

```
DELIMITER $$
```

```
• CREATE PROCEDURE check_tenant_password(IN tenant_id_param VARCHAR(50), IN password_param VARCHAR(255))
BEGIN
    DECLARE tenant_password VARCHAR(255);

    -- Get the tenant password from the database
    SELECT ten_pass INTO tenant_password
    FROM Tenant
    WHERE tenant_id = tenant_id_param;

    -- Check if the password matches
    IF tenant_password IS NULL THEN
        SELECT 'Tenant ID not found' AS message;
    ELSEIF tenant_password != password_param THEN
        SELECT 'Invalid password' AS message;
    ELSE
        SELECT 'Login successful' AS message;
    END IF;
END $$
```

```
DELIMITER ;
```

Wrong password

```
213 • CALL check_tenant_password('TEN121', 'wrongpass');
214
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	message
▶	Invalid password

TEN12 doesn't exist in the database:

```
212
213 • CALL check_tenant_password('TEN12', 'wrongpass');
214
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	message
▶	Tenant ID not found

Valid Credentials

```
212
213 • CALL check_tenant_password('TEN121', 'mysql123');
214
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	message
▶	Login successful

2. To check if owner login credentials is correct

```
DELIMITER $$

• CREATE PROCEDURE check_owner_password(IN owner_id_param VARCHAR(50), IN password_param VARCHAR(255))
BEGIN
    DECLARE owner_password VARCHAR(255);

    -- Get the owner password from the database
    SELECT owner_pass INTO owner_password
    FROM Owner
    WHERE owner_id = owner_id_param;

    -- Check if the password matches
    IF owner_password IS NULL THEN
        SELECT 'Owner ID not found' AS message;
    ELSEIF owner_password != password_param THEN
        SELECT 'Invalid password' AS message;
    ELSE
        SELECT 'Login successful' AS message;
    END IF;
END $$

DELIMITER ;
```

Valid credentials

```
213 • CALL check_owner_password('OWN121', 'mysql123');
214
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	message
▶	Login successful

Invalid owner_id

212

213 • `CALL check_owner_password('wrong_id', 'mysql123');`

214

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	message
▶	Owner ID not found

Invalid password

212

213 • `CALL check_owner_password('OWN121', 'wrongpass');`

214

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	message
▶	Invalid password

3. To check employee login credentials

```
DELIMITER $$

CREATE PROCEDURE check_employee_password(IN emp_id_param VARCHAR(50), IN password_param VARCHAR(255))
BEGIN
    DECLARE emp_password VARCHAR(255);

    -- Get the employee password from the database
    SELECT emp_pass INTO emp_password
    FROM Employee
    WHERE emp_id = emp_id_param;

    -- Check if the password matches
    IF emp_password IS NULL THEN
        SELECT 'Employee ID not found' AS message;
    ELSEIF emp_password != password_param THEN
        SELECT 'Invalid password' AS message;
    ELSE
        SELECT 'Login successful' AS message;
    END IF;
END $$

DELIMITER ;
```

Valid credentials




```
212
213 • CALL check_employee_password('EMPL121', 'mysql123');
214
```

Result Grid	
	message
▶	Login successful

Filter Rows: Export: Wrap Cell Content:

Invalid password




```
212
213 • CALL check_employee_password('EMPL121', 'wrong_pass');
214
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	message
▶	Invalid password

Invalid employeeID

```
212
213 • CALL check_employee_password('wrong_emp', 'mysql123');
214
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	message
▶	Employee ID not found