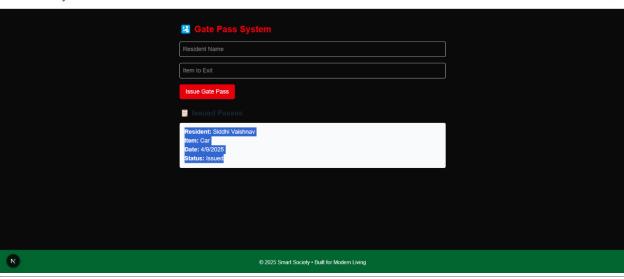


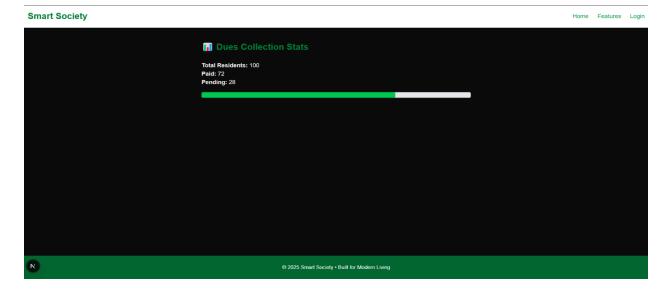
Smart Society Home Features Login



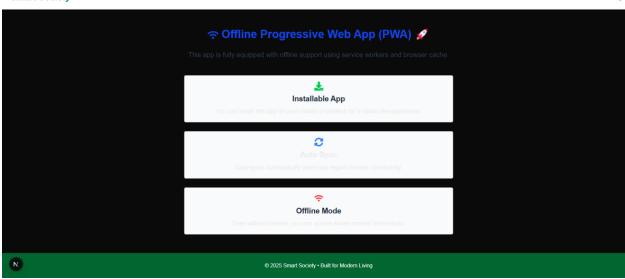
Smart Society

Ravi (Cleaner)
Anita (Security)
Manog (Electrician)

Present



Smart Society Home Features Logic



• users Table – Login & Role Management

```
id INT PRIMARY KEY AUTO_INCREMENT,

name VARCHAR(100),

email VARCHAR(100) UNIQUE,

password_hash VARCHAR(255),

phone VARCHAR(15),

flat_number VARCHAR(10),

role ENUM('resident', 'committee', 'security', 'admin') DEFAULT 'resident',

created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP

);
```

notices Table – Notice Board
 CREATE TABLE notices (
 id INT PRIMARY KEY AUTO_INCREMENT,
 title VARCHAR(150),

```
content TEXT,
created_at DATE,
created_by INT,
FOREIGN KEY (created_by) REFERENCES users(id)
);
```

• events Table – Event Announcements

```
CREATE TABLE events (
id INT PRIMARY KEY AUTO_INCREMENT,
title VARCHAR(150),
description TEXT,
event_date DATE,
created_by INT,
FOREIGN KEY (created_by) REFERENCES users(id)
);
```

• complaints Table – Grievance Management

```
CREATE TABLE complaints (
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
title VARCHAR(100),
description TEXT,
status ENUM('pending', 'resolved') DEFAULT 'pending',
submitted_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
FOREIGN KEY (user_id) REFERENCES users(id)
);
```

• feedback Table – Feedback Form

```
CREATE TABLE feedback (
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
feedback TEXT,
rating INT CHECK (rating BETWEEN 1 AND 5),
created at TIMESTAMP DEFAULT CURRENT TIMESTAMP,
```

```
FOREIGN KEY (user_id) REFERENCES users(id) );
```

• visitors Table – Visitor Management

```
CREATE TABLE visitors (
id INT PRIMARY KEY AUTO_INCREMENT,
name VARCHAR(100),
flat_number VARCHAR(10),
purpose VARCHAR(100),
entry_time TIMESTAMP,
exit_time TIMESTAMP NULL,
entered_by INT,
FOREIGN KEY (entered_by) REFERENCES users(id)
);
```

• vehicle_logs Table - Vehicle Entry/Exit

```
CREATE TABLE vehicle_logs (
id INT PRIMARY KEY AUTO_INCREMENT,
vehicle_number VARCHAR(20),
owner_name VARCHAR(100),
entry_time TIMESTAMP,
exit_time TIMESTAMP NULL,
logged_by INT,
FOREIGN KEY (logged_by) REFERENCES users(id)
);
```

• emergency_contacts Table

```
CREATE TABLE emergency_contacts (
id INT PRIMARY KEY AUTO_INCREMENT,
name VARCHAR(100),
contact_number VARCHAR(15),
type ENUM('fire', 'ambulance', 'police', 'maintenance')
);
```

• maintenance_payments Table – Billing

```
CREATE TABLE maintenance_payments (
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
amount DECIMAL(10, 2),
paid_on DATE,
method ENUM('UPI', 'Card', 'Cash'),
receipt_url VARCHAR(255),
FOREIGN KEY (user_id) REFERENCES users(id)
);
```

• invoices Table – Receipts

```
CREATE TABLE invoices (
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
invoice_date DATE,
amount DECIMAL(10,2),
status ENUM('paid', 'unpaid'),
download_link VARCHAR(255),
FOREIGN KEY (user_id) REFERENCES users(id)
);
```

• amenities_bookings Table

```
CREATE TABLE amenities_bookings (
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
amenity ENUM('gym', 'clubhouse', 'garden'),
booking_date DATE,
slot_time VARCHAR(20),
status ENUM('pending', 'approved', 'rejected') DEFAULT 'pending',
FOREIGN KEY (user_id) REFERENCES users(id)
);
```

• deliveries Table – Package Notifications

```
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
package_details TEXT,
received_on TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
collected_on TIMESTAMP NULL,
FOREIGN KEY (user_id) REFERENCES users(id)
);
```

• gate_passes Table – Gate Pass Management

```
CREATE TABLE gate_passes (
id INT PRIMARY KEY AUTO_INCREMENT,
user_id INT,
reason TEXT,
request_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
status ENUM('pending', 'approved', 'rejected') DEFAULT 'pending',
FOREIGN KEY (user_id) REFERENCES users(id)
);
```

dashboard_stats View (optional)

```
CREATE VIEW dashboard_stats AS

SELECT

(SELECT COUNT(*) FROM users WHERE role = 'resident') AS total_residents,

(SELECT COUNT(*) FROM complaints WHERE status = 'pending') AS

pending_complaints,

(SELECT COUNT(*) FROM maintenance payments) AS total payments;
```