

```
CREATE TABLE "user" (  
    id SERIAL PRIMARY KEY,  
    name VARCHAR(30) NOT NULL,  
    email VARCHAR(40) NOT NULL UNIQUE,  
    password VARCHAR(10) NOT NULL  
);
```

```
CREATE TABLE medicine (  
    m_id SERIAL PRIMARY KEY,  
    u_id INT NOT NULL,  
    m_name VARCHAR(40) NOT NULL,  
    qty INT NOT NULL,  
    m_company VARCHAR(30) NOT NULL,  
    price FLOAT NOT NULL,  
    type VARCHAR(30) NOT NULL,  
    description VARCHAR(100) NOT NULL,  
    threshold INT DEFAULT 10,  
    expiry_date DATE,  
    FOREIGN KEY (u_id) REFERENCES "user"(id)  
);
```

```
CREATE TABLE sales (  
    id SERIAL PRIMARY KEY,  
    customer_name VARCHAR(100) NOT NULL,  
    contact_details VARCHAR(100) NOT NULL,  
    medicine_id INT NOT NULL,  
    quantity INT NOT NULL,  
    total_price FLOAT NOT NULL,  
    date_of_sale TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
```

```
FOREIGN KEY (medicine_id) REFERENCES medicine(m_id)
);
```

To insert:

-- Insert into user

```
INSERT INTO user (name, email, password) VALUES ('John Doe', 'john@example.com', 'password123');
```

```
INSERT INTO user (name, email, password) VALUES ('Jane Smith', 'jane@example.com', 'password456');
```

-- Insert into medicine

```
INSERT INTO medicine (u_id, m_name, qty, m_company, price, type, description, threshold, expiry_date)
VALUES (1, 'Aspirin', 100, 'Pharma Co', 5.99, 'Pain Reliever', 'Used for pain relief', 10, '2025-12-31');
```

```
INSERT INTO medicine (u_id, m_name, qty, m_company, price, type, description, threshold, expiry_date)
VALUES (1, 'Ibuprofen', 200, 'Health Inc', 7.49, 'Pain Reliever', 'Used for inflammation and pain', 15,
'2024-06-30');
```

-- Insert into sales

```
INSERT INTO sales (customer_name, contact_details, medicine_id, quantity, total_price)
VALUES ('Alice Johnson', '555-1234', 1, 2, 11.98);
```

```
INSERT INTO sales (customer_name, contact_details, medicine_id, quantity, total_price)
VALUES ('Bob Brown', '555-5678', 2, 1, 7.49);s
```