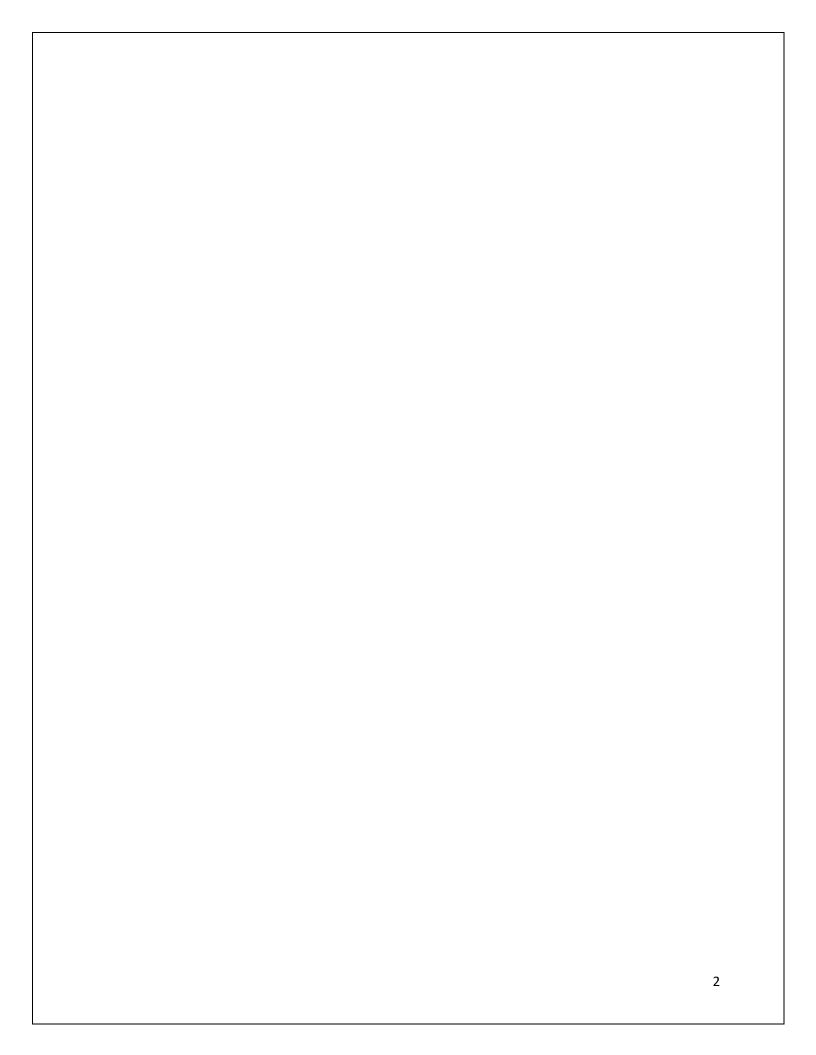# Documentation for Pizza Billing System
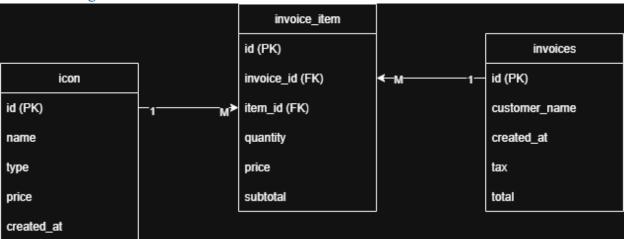
Name : M.D.Supun Lakshan Gunawardhana.

Date: 2025/01/20

Database Structure

Relation Diagram

SQL queries

```sql
CREATE TABLE items (

    id SERIAL PRIMARY KEY,

    name VARCHAR(100) NOT NULL,

    type VARCHAR(50) NOT NULL, -- e.g., 'pizza', 'drink', 'topping'

    price DECIMAL(10, 2) NOT NULL,

    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP

);

CREATE TABLE invoices (

    id SERIAL PRIMARY KEY,

    customer_name VARCHAR(100),

    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,

    tax DECIMAL(10, 2) NOT NULL,

    total DECIMAL(10, 2) NOT NULL

);
```

```
CREATE TABLE invoice_items (

    id SERIAL PRIMARY KEY,

    invoice_id INT REFERENCES invoices(id) ON DELETE CASCADE,

    item_id INT REFERENCES items(id),

    quantity INT NOT NULL,

    price DECIMAL(10, 2) NOT NULL,     -- snapshot of item price at time of invoice

    subtotal DECIMAL(10, 2) NOT NULL    -- price * quantity

);
```
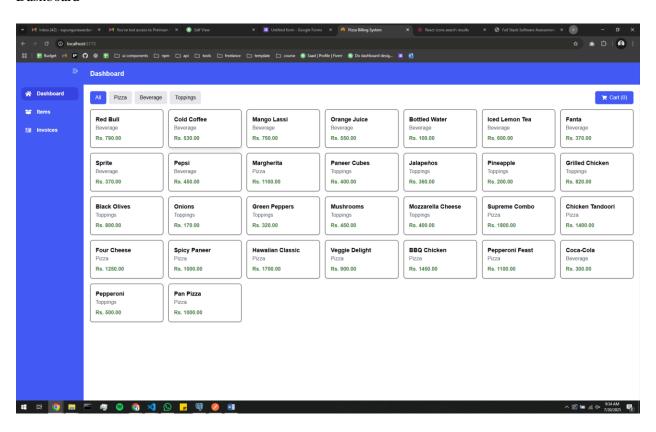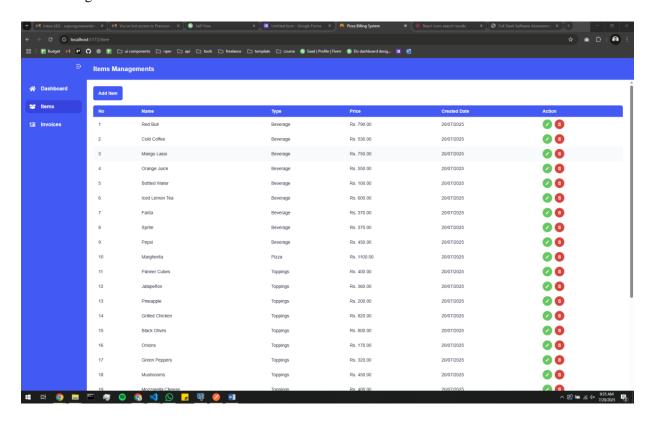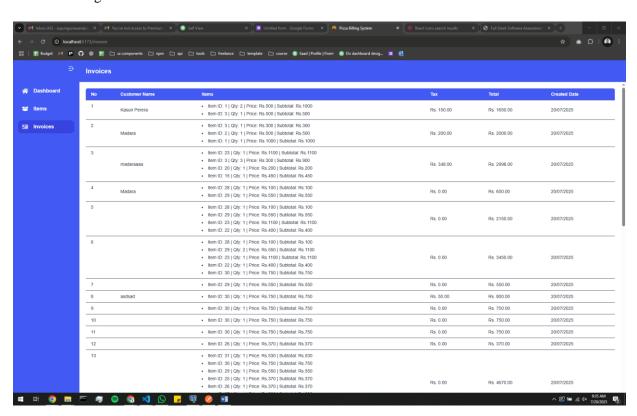
Screenshots

Dashboard

Item Management

Invoice Management

Print Bill

📜 Customer Bill

Name:

Item	Qty	Price	Subtotal
Pepsi	1	Rs. 450.00	Rs. 450.00
Margherita	1	Rs. 1100.00	Rs. 1100.00
Pineapple	1	Rs. 200.00	Rs. 200.00
Iced Lemon Tea	1	Rs. 600.00	Rs. 600.00
Mozzarella Cheese	1	Rs. 400.00	Rs. 400.00
BBQ Chicken	1	Rs. 1450.00	Rs. 1450.00
Paneer Cubes	1	Rs. 400.00	Rs. 400.00
		Tax	Rs. 0.00
		Total	**Rs. 4600.00**

Thank you for your order!

Github link : https://github.com/Lawo69/Pizza-Shop-Billing-System