

A PROJECT REPORT ON RESTAURANT MANAGEMENT DATABASE PROJECT

Code:

-- Create Menu Items table

```
CREATE TABLE Menu Items (  
    item_id INT PRIMARY KEY,  
    item_name VARCHAR(255),  
    item_description TEXT,  
    item_category VARCHAR(50),  
    item_price DECIMAL(10, 2)  
);
```

Create Online Orders table

```
CREATE TABLE Online Orders (  
    order_id INT PRIMARY KEY,  
    customer_id INT,  
    order_date DATE,  
    delivery_date DATE,  
    total_amount DECIMAL(10, 2),  
    FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)  
);
```

-Create Phone Orders table

```
CREATE TABLE Phone Orders (  
    order_id INT PRIMARY KEY,  
    customer_id INT,  
    Order_date DATE,
```

```
delivery_date DATE,  
total_amount DECIMAL(10, 2),  
FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)  
);
```

Create Delivery Boys table

```
CREATE TABLE Delivery Boys (  
    Delivery boy_id INT PRIMARY KEY,  
    Delivery boy_name VARCHAR(100),  
    area_code_id INT,  
    FOREIGN KEY (area_code_id) REFERENCES AreaCodes(area_code_id)  
);
```

Create AreaCodes table

```
CREATE TABLE AreaCodes (  
    area_code_id INT PRIMARY KEY,  
    area_code VARCHAR(10)  
);
```

Create Customers table

```
CREATE TABLE Customers (  
    customer_id INT PRIMARY KEY,  
    customer_name VARCHAR(100),  
    customer_email VARCHAR(255),  
    customer_phone VARCHAR (15),  
    premium_status BOOLEAN,  
    discount_id INT,  
    FOREIGN KEY (discount_id) REFERENCES Discounts(discount_id)  
);
```

Create Discounts table

```
CREATE TABLE Discounts (  

```

```
discount_id INT PRIMARY KEY,  
discount_percentage DECIMAL(5, 2)  
);
```

Output:

MenuItems Table:

item_id	item_name	item_description	item_category	item_price
1	Pizza Margherita	Classic Italian pizza with tomato sauce, mozzarella cheese, and fresh basil.	Pizza	8.99
2	Spaghetti Carbonara	Spaghetti pasta with creamy sauce, bacon, eggs, and Parmesan cheese.	Pasta	10.99
3	Grilled Chicken Salad	Mixed greens, grilled chicken breast, cherry tomatoes, cucumbers, and balsamic vinaigrette.	Salad	12.99

OrderItems Table:

order_item_id	order_id	item_id	quantity	subtotal
1	1	1	2	17.98
2	1	3	1	14.99
3	2	2	1	10.99

Orders Table:

order_id	customer_id	order_date	total_amount	status
1	1	2024-03-16 12:30:00	32.97	Delivered
2	2	2024-03-16 18:45:00	8.99	Processing