SCHEMA FOR RESTAURANT BILLING MANAGEMENT SYSTEM

Scope: This project mainly deals with generating the bill including the taxes and to extend the user convenience this could be achieved via online menu system where a user or customer can login and order the food, based on which a bill will be generated.

Features: Main features of this project includes

- Adding items to cart
- Finalizing the order
- Adding the charges and taxes
- Generating the bill

Meta Tables Used:

- time_slots - To store the time slots of a day
- taxes_and_charges - To store various taxes and their charges
- food_type - Stores the category of food like Starters, Main course etc
- payment_type - various payment methods like upi, cash etc

Tables:

- menu - To store the menu of a restaurant
- order_item - Stores the individual item with their quantity
- final_order - Stores all items
- admin_entry - Stores admin information and their session information
- customer - Customer basic details are stored
- feedback - To store feedbacks or reviews of each and every dish of particular customer
- payment - Stores the payment information to analyze the business

Schema:

time_slots
- 🔑 **time_slot_id**
- 🕐 start_time
- 🕐 end_time

food_type
- 🔑 **food_type_id**
- ᴬᴮᶜ food_type_name

menu
- 🔑 **dish_id**
- 🔢 food_type_id
- ᴬᴮᶜ dish_name
- 123 is_veg
- 123 price
- 123 is_available

admin_entry
- 🔑 **admin_id**
- ᴬᴮᶜ admin_name
- 🔢 time_slot_id

final_order
- 🔑 **final_order**
- 🔢 order_id
- 123 total_items
- 123 total_amount
- 123 table_no
- 🕐 order_time
- 🔢 customer_id
- 🔢 admin_id
- 🔢 charges_id

order_item
- 🔑 **order_id**
- 🔢 dish_id
- ᴬᴮᶜ dish_name
- 123 quantity
- 123 unit_price

taxes_and_charges
- 🔑 **charges_id**
- ᴬᴮᶜ charges_type
- 123 charge_percentage

payment_type
- 🔑 **payment_type_id**
- ᴬᴮᶜ payment_option

customer
- 🔑 **customer_id**
- ᴬᴮᶜ phone_no
- ᴬᴮᶜ user_name
- ᴬᴮᶜ email

feedback
- 🔑 **feedback_id**
- ᴬᴮᶜ review
- 🔢 final_order

payment
- 🔑 **payment_id**
- 🔢 final_order
- 123 customer_id
- 🕐 payment_date
- 🔢 payment_type_id
- 123 total_amount