**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

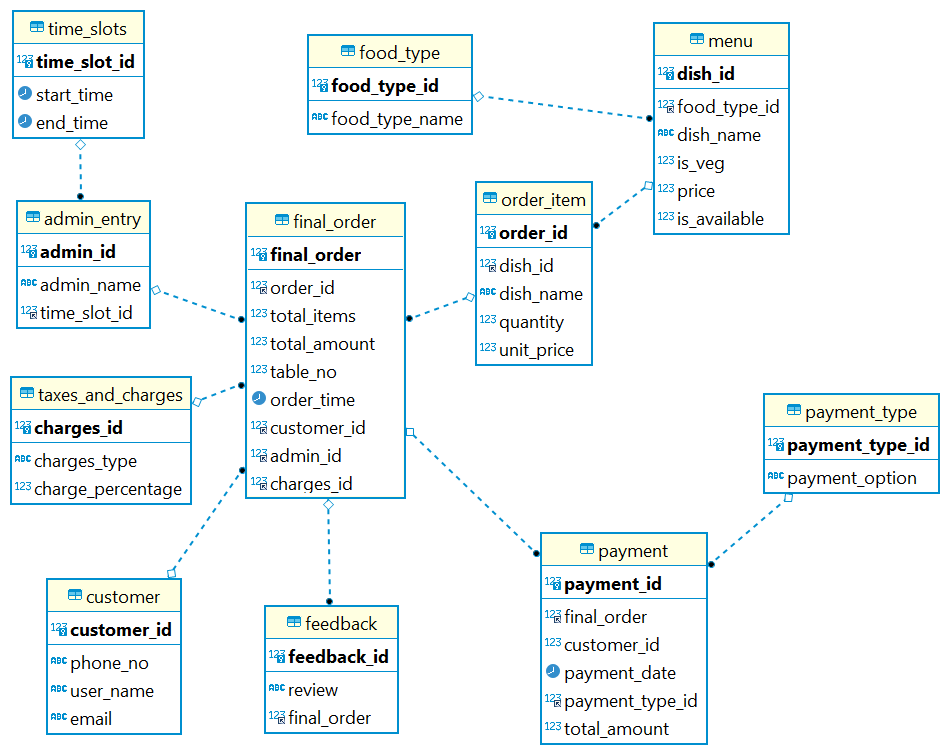
**Tables:**

* 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

**Constraints:**

* Dish and price combination as a unique key so that there are no confusion while fetching the bill
* Customer\_id and final order combination as unique key in payment table because one customer can have multiple orders, payments as well as one order can have multiple payments due to failure or technical issue hence the combination of both should be unique
* Start\_time and End\_time - a slot could be defined as any time period and hence different slots can have same start time or same end time but not same start and end time hence this combination is also unique

**Schema:**

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