

Domain Name: - A Restaurant Website

Entities

1. Staff
2. Customers
3. Today's Specials
4. Menu Card
5. Food Stock and Supplies
6. Customer Care Helpline
7. Branches
8. Expenditure
9. Sales
10. Reviews

Attributes and Data Types

Staff

- Work ID(Integer) Primary Key– A unique ID given to each working staff including owners, cooks, waiters, janitors etc.
- Name (String) – Names of all the working staffs
- Phone Number (Integer) – Contains the phone number of all the employees
- Address (Text) – Contains the addresses of all the employees

Customers

- Customer_ID(String) Primary Key- Each customer is assigned a unique ID for the purpose of identifying the most common customers.
- Name (String) – Names of all the customers
- Phone_Number (Integer) – Contains the phone number of all the employees
- Most_ordered (String) – It contains the order a particular customer has made the most.

Today's Specials

- Dish_Name (String) Primary Key- It stores the names of the dishes that are chef's specials for a particular day
- Price (Integer)- Price of the special dish
- Offer (Float)- Contains the percentage less that is being offered on the special dishes.

Menu Card

- Dish_Name (String) Primary Key- It stores the list of all the dishes offered by the restaurant.
- Price (Integer) – The original prices of all the dishes.
- Combos (String)- The names of the combination of dishes offered.

Food Stock and Supplies

- Raw_Materials_Available (String)- List of all the raw materials currently present.
- Raw_Materials_Available_Quantity (Float)- The quantity of each raw materials present.
- Raw_Materials_Required (String)- List of all the raw materials required to be bought.
- Raw_Materials_Required_Quantity (Float)- The quantity of each raw materials required to be bought.

Customer Care Helpline

- Customer_ID (String)- To identify the customer uniquely who got in contact with the customer care.
- Complaint_ID(String) Primary Key- A unique number assigned to every complaint helping in identifying and rectifying the complaint.
- Status (Boolean)- A flag variable assigned to every Complaint_ID to show the status of the problem whether its solved or not.

Branches

- Branch_ID (String) Primary Key- A unique ID given to each branch for identification.
- Address (String)- Address of the branches.
- Branch_Head_ID (String)- It contains the word ID of the branch manager.
- Phone (Integer)- Contact Number of the branches.

Expenditure

- Salary (Float)- Contains the salaries of all the employees
- Maintenance_Charges (Float)- The maintenance charges monthly required like electricity, water and gas pipe lines etc.
- Tax_Expenses (Float)- The amount of money given as tax and GST etc. for all the branches.
- Miscellaneous_Charges (Float)- Any expenditure due to any sudden reasons or accidents.

Sales

- Income_Per_Day (Float)- Contains the total income from the sale of food in all the branches per day.
- Profit (Float)- The profit per day in all the branches accumulated calculated on the basis of per day expenditure and per day sales.

Reviews

- Customer_ID(String) Primary Key- This is used to identify the customers who are giving the reviews.
- Rating (Integer)- It contains the number of stars the customer has reviewed the restaurant as.

