**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.