**NORTHERN UNIVERSITY**

B A N G L A D E S H

**Project Name: Database of Restaurant Management System**

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**Subject Name: Software development 2(Database Programming)**

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RESTAURANT MANAGEMENT SYSTEM

* ***Information About Restaurant management system:*** **The restaurant database will store information of the following; Customer Information. Menu Items and Pricing. Employee Work Schedules based on job position.**
* **A restaurant management system is a software that helps the restaurant industry streamline their food business operations. It provides a complete set of features including Point of Sales system, payment processing, table reservations, inventory management , accounting and employee management.**
* ***Information of the database:*** A restaurant has a unique restaurant ID (R\_ID), Name (R\_Name), Contact Number (Contact\_Number), and address.

Many Customers can go to one restaurant.A customer has unique customer ID(customer\_ID), Name (customer\_ Name), Contact (C\_Phone).

One waiter can serve more than one customers . A waiter has a unique ID(W\_ID), Name(W\_Name), waiter salary hire date.

A customer places order via waiter and the order is prepared by chef .

An order has unique order number (Or\_No),order quantity order time and date .

A chef has unique ID(chef\_id),Name(chef\_Name) all information chef .An order contains food which has unique food number (f\_id) , (f\_name) , price quantity and discrimination.

Customer pay bill that order id (or\_id) , customer Id(C\_Id), Waiter id (w\_id), order details and vat.

* **The Database of Restaurant Management System ER Diagram:**

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C\_Name chef\_id

C\_id Salary hair\_date m\_id m\_name price

Chaff prepare meal

R\_Name

Has Restaurant R\_Add

W\_id R\_phone c\_id

W\_N waiter served customer c\_n

Salary h\_date c\_add c\_ph waiter\_id

order gives

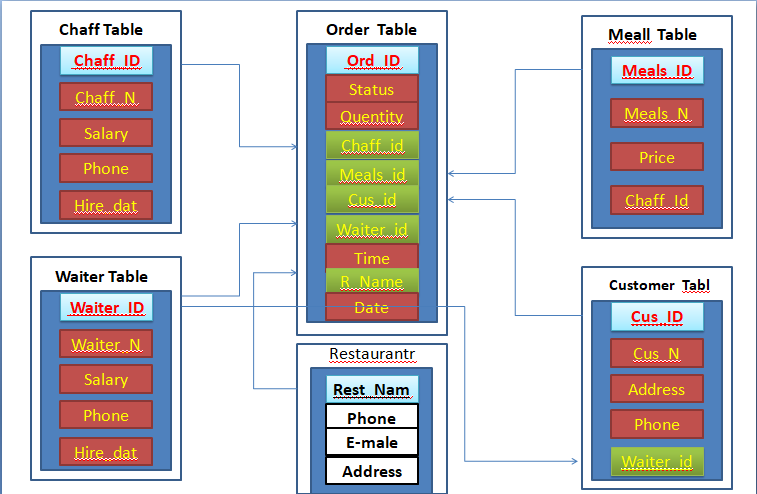
or\_Id

c\_d time date

w\_Id m\_id quantity status

**REASTAURANT MANAGEMENT SYSTEM**

**SCHEMA DIAGRAM**



* **The Database of Restaurant Management System Schema:**

**Entity Attribute**

* Chef (chef\_id, name, salary, hire date)
* Meal (m\_id, m\_name, price, chef\_id)
* Waiter (W\_id,w\_name,salary, heir date)
* Customer (c\_id,c\_name,c\_p, c\_add, w\_id)
* Restaurant (R\_name,R\_add, R\_ph, R\_email)
* Order (O\_id,c\_id,w\_id,m\_id,quantity,time,status,date)

Yellow Color are = Primary Key and Read Color are Foreign Key