***+ANUDIP FOUNDATION***

A Project Report on

**FOOD DELIVERY MANAGEMENT SYSTEM**

By

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FOOD DELIVERY MANAGEMENT SYSTEM

A Food Delivery Management System (FDMS) is a software solution designed to streamline the food delivery process for restaurants, food establishments, and delivery services. The system aims to improve efficiency, reduce costs, and enhance customer satisfaction.

**Entities:**

* Admin
* Customer
* Food
* Orders
* Payment
* Delivery Boy
* Category

**ATTRIBUTES OF ENTITIES:**

1. **Admin**

* Attributes:
* AdminID (primary key)
* Name
* Email\_ID
* Contact\_No
* Password

1. **Customer**

* Attributes:
* CustomerID (primary key)
* Name
* Email\_ID
* Contact\_No

1. **Food**

* Attributes:
* FoodID (primary key)
* Price
* Name
* Description
* Quantity

1. **Orders**

* Attributes:
* OrderID (primary key)
* OrderDate
* Time
* OrderStatus

1. **Payment**

* Attributes:
* PaymentID (primary key)
* Date
* PaymentMethod

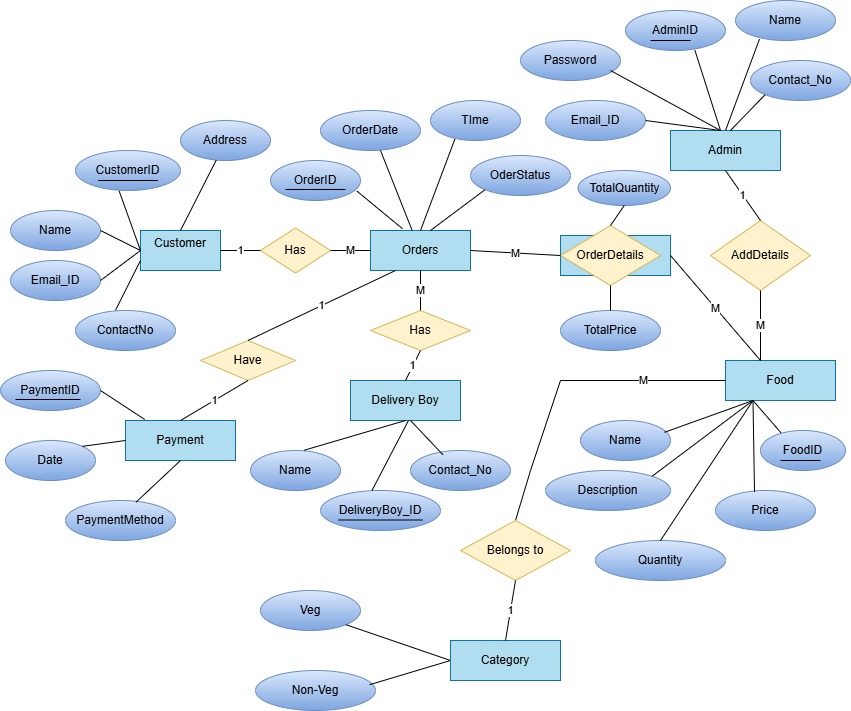
1. **Delivery Boy**

* Attributes:
* DeliveryBoy\_ID (primary key)
* Name
* Contact\_No

1. **Category**

* Attributes:
* Veg
* Non-Veg

**ENTITY RELATIONSHIP DIAGRAM - RESTAURANT MANAGEMENT SYSTEM**



**CONCLUSION:**

In summary, the implementation of a Food Delivery Management System can have a transformative impact on the food delivery industry. By leveraging its features and benefits, businesses can enhance customer experiences, increase efficiency, and drive growth. As the food delivery market continues to evolve, the adoption of FDMS will become increasingly essential for businesses seeking to remain competitive and thrive in this dynamic landscape. A Food Delivery Management System is a crucial tool for food establishments and delivery services seeking to improve operational efficiency, customer satisfaction, and revenue growth. By streamlining order management, delivery logistics, and customer interactions, FDMS enables businesses to stay competitive in the rapidly evolving food delivery market.

**DATABASE CREATION QUERY:**

**Query OK, 1 row affected (0.01 sec)**

**mysql> CREATE TABLE Admin (**

**-> admin\_id INT PRIMARY KEY,**

**-> admin\_name VARCHAR(255),**

**-> admin\_Phone VARCHAR(20),**

**-> admin\_Email VARCHAR(255)**

**-> );**

**mysql> CREATE TABLE Staff (**

**-> staff\_id INT PRIMARY KEY,**

**-> staff\_name VARCHAR(255),**

**-> staff\_rating INT,**

**-> staff\_Email VARCHAR(255)**

**-> );**

**Query OK, 0 rows affected (0.02 sec)**

**mysql> CREATE TABLE Items (**

**-> item\_id INT PRIMARY KEY,**

**-> category VARCHAR(255),**

**-> price DECIMAL(10, 2),**

**-> Name VARCHAR(255),**

**-> Order\_count INT**

**-> );**

**Query OK, 0 rows affected (0.01 sec)**

**mysql>**

**mysql> CREATE TABLE Customers (**

**-> customer\_id INT PRIMARY KEY,**

**-> customer\_name VARCHAR(255),**

**-> customer\_Phone VARCHAR(20),**

**-> customer\_email VARCHAR(255),**

**-> customer\_password VARCHAR(255)**

**-> );**

**Query OK, 0 rows affected (0.01 sec)**

**mysql> CREATE TABLE Parcel (**

**-> Parcel\_id INT PRIMARY KEY,**

**-> item\_id INT,**

**-> customer\_id INT,**

**-> amount DECIMAL(10, 2),**

**-> order\_id INT,**

**-> Time TIMESTAMP,**

**-> FOREIGN KEY (item\_id) REFERENCES Items(item\_id),**

**-> FOREIGN KEY (customer\_id) REFERENCES Customers(customer\_id)**

**-> );**

**Query OK, 0 rows affected (0.02 sec)**

**mysql> CREATE TABLE Orders(**

**-> order\_id INT PRIMARY KEY,**

**-> time TIMESTAMP,**

**-> amount DECIMAL(10, 2),**

**-> customer\_id INT,**

**-> FOREIGN KEY (customer\_id) REFERENCES Customers(customer\_id)**

**-> );**

**Query OK, 0 rows affected (0.04 sec)**

**mysql> CREATE TABLE Tables (**

**-> Table\_number INT PRIMARY KEY,**

**-> Total\_people INT,**

**-> Time TIMESTAMP,**

**-> customer\_id INT,**

**-> item\_id INT,**

**-> order\_id INT,**

**-> FOREIGN KEY (customer\_id) REFERENCES Customers(customer\_id),**

**-> FOREIGN KEY (item\_id) REFERENCES Items(item\_id),**

**-> FOREIGN KEY (order\_id) REFERENCES Orders(order\_id)**

**-> );**

**Query OK, 0 rows affected (0.04 sec)**

**mysql> CREATE TABLE feedback(feedback\_id INT NOT NULL PRIMARY KEY,**

**-> Staff\_rating INT,**

**-> customer\_id INT,**

**-> staff\_id INT,**

**-> item\_rating VARCHAR(255),**

**-> FOREIGN KEY (customer\_id) REFERENCES customers(customer\_id),**

**-> FOREIGN KEY (staff\_id) REFERENCES staff(staff\_id)**

**-> );**

**Query OK, 0 rows affected (0.05 sec)**

**mysql> CREATE TABLE payment (**

**-> payment\_id INT PRIMARY KEY AUTO\_INCREMENT,**

**-> payment\_type VARCHAR(50) NOT NULL,**

**-> amount DECIMAL(10, 2) NOT NULL,**

**-> customer\_id INT,**

**-> FOREIGN KEY (customer\_id) REFERENCES customers(customer\_id)**

**-> );**

**Query OK, 0 rows affected (0.05 sec)**

**mysql> show tables;**

**+----------------------------------------+**

**| Tables\_in\_restaurant\_management\_system |**

**+----------------------------------------+**

**| admin |**

**| customers |**

**| feedback |**

**| items |**

**| orders |**

**| parcel |**

**| payment |**

**| staff |**

**| tables |**

**+----------------------------------------+**

**9 rows in set (0.00 sec)**