***+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
* ContactNo
* Address

1. **Food**

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

1. **Orders**

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

1. **Payment**

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

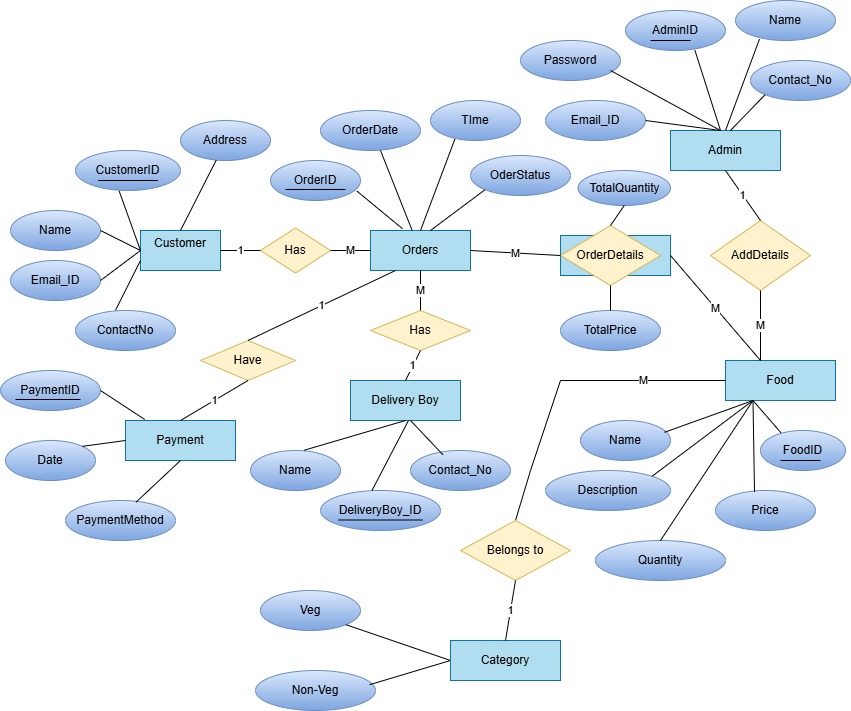
1. **Delivery Boy**

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

1. **Category**

* Attributes:
* ID(primary key)
* Veg
* Non-Veg

**ENTITY RELATIONSHIP DIAGRAM - RESTAURANT MANAGEMENT SYSTEM**



**DATABASE CREATION QUERY:**

**mysql> show databases;**

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

**| Database |**

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

**| anp\_d0453 |**

**| anp\_java |**

**| food\_order |**

**| fooddelivery |**

**| foodordering\_system |**

**| information\_schema |**

**| mysql |**

**| performance\_schema |**

**| sakila |**

**| student\_mgt\_system |**

**| sys |**

**| world |**

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

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

**mysql> use fooddelivery;**

**Database changed**

**mysql> show tables;**

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

**| Tables\_in\_fooddelivery |**

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

**| admin |**

**| categories |**

**| customer |**

**| delivery\_boy |**

**| food |**

**| orders |**

**| payment |**

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

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

**mysql> desc admin;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| AdminID | varchar(10) | NO | PRI | NULL | |**

**| ContactNo | varchar(20) | YES | | NULL | |**

**| EmailAddress | varchar(20) | YES | | NULL | |**

**| Name | varchar(20) | YES | | NULL | |**

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

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

**mysql> desc categories;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| ID | varchar(10) | NO | PRI | NULL | |**

**| Non\_Veg | varchar(20) | YES | | NULL | |**

**| Veg | varchar(10) | YES | | NULL | |**

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

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

**mysql> desc customer;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| CustomerID | varchar(10) | NO | PRI | NULL | |**

**| Address | varchar(30) | YES | | NULL | |**

**| ContactNo | varchar(20) | YES | | NULL | |**

**| Email\_ID | varchar(30) | YES | | NULL | |**

**| Name | varchar(30) | YES | | NULL | |**

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

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

**mysql> desc delivery\_boy;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| DeliveryBoy\_ID | varchar(10) | NO | PRI | NULL | |**

**| ContactNo | varchar(20) | YES | | NULL | |**

**| Name | varchar(30) | YES | | NULL | |**

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

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

**mysql> desc food;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| FoodID | varchar(10) | NO | PRI | NULL | |**

**| Description | varchar(50) | YES | | NULL | |**

**| FoodName | varchar(20) | YES | | NULL | |**

**| Price | varchar(20) | YES | | NULL | |**

**| Quantity | varchar(20) | YES | | NULL | |**

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

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

**mysql> desc orders;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| OrderID | varchar(10) | NO | PRI | NULL | |**

**| DeliveryDate | varchar(20) | YES | | NULL | |**

**| OrderDate | varchar(20) | YES | | NULL | |**

**| OrderStatus | varchar(20) | YES | | NULL | |**

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

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

**mysql> desc payment;**

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

**| Field | Type | Null | Key | Default | Extra |**

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

**| PaymentID | varchar(10) | NO | PRI | NULL | |**

**| PaymentAmount | varchar(50) | YES | | NULL | |**

**| PaymentDate | varchar(10) | YES | | NULL | |**

**| PaymentMethod | varchar(20) | YES | | NULL | |**

**| PaymentStatus | varchar(20) | YES | | NULL | |**

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

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

**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.