**DATA BASE DESIGN**

1. **Table Name**: customer Registration

**Primary Key**: cid

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| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | cid | int | A unique integer value that guarantees each customer has a unique ID | PRIMARY KEY(AUTO\_INCREMENT) |
| 2 | Firstname | Varchar(20) | First name |  |
| 3 | middlename | Varchar(20) | Middle name |  |
| 4 | Lastname | Varchar(20) | Last name |  |
| 5 | user\_mailid | Varchar(30) | E-mail id |  |
| 6 | user\_address | Text | Address |  |
| 7 | user\_mobile | Int(11) | Phone Number |  |
| 8 | user\_pwd | Varchar(30) | Password |  |

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1. **Table Name** : RESTAURANT registration

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| **SL.NO** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | resid | Int(10) | A unique integer value that guarantees each customer has a unique ID | PRIMARY KEY(AUTO\_INCREMENT) |
| 1 | Rname | Varchar(20) | RESTAURANT name |  |
| 2 | City | Varchar(10) | city Type |  |
| 3 | Image | Varchar(30) | image Type owner |  |
| 4 | Fname | Varchar(15) | First name |  |
| 5 | Lname | Varchar(15) | Last name |  |
| 6 | Mailid | Varchar(20) | email |  |
| 7 | phnumber | Varchar(11) | Phone number |  |
| 8 | Paswd | Varchar(15) | Password type |  |
| 10 | Address | Varchar(30) | Address type |  |
| 11 | Location | Varchar(10) | Location type |  |
| 12 | Gov\_regdetails | Varchar(50) | Registration details |  |
| 13 | Gstno | Varchar(30) | GST NO |  |
| 14 | breakfast | Varchar(100) | Breakfast type |  |
| 15 | Lunch | Varchar(100) | Lunch type |  |
| 16 | Dinner | Varchar(100) | Dinner type |  |
| 17 | Café | Varchar(100) | Café type |  |
| 18 | Card | Varchar(100) | Card type |  |
| 19 | Cashonly | Varchar(100) | Cash type |  |
| 20 | Time | datetime | Open close time |  |
| 21 | Image | Varchar(10) | Image of the restuarant |  |

**3.Table Name** : order

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| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | Orderid | Int | Unique id | Primary key (orderid) |
| 2 | pid |  |  | Foreign key references products:pid |
| 3 | cid |  |  | Foreign key references customer:cid |
| 4 | quantity | Int(25) | Represents the quantity of the orderd product |  |
| 5 | odate | datetime | Represents a timeframe of the products orderd by the customer |  |
| 6 | Delivery status | Int(1) | Save the delivery status whether delivered or pending |  |
| 7 | vehicle | Int(11) | Helps in assigning vehicles | Foreign key references:vehicles,:vid |

**4.Table Name** : product table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | pid | int | Unique id | Primary key (pid) |
| 2 | pname | Varchar(20) | Name of product |  |
| 3 | description | text | Description of product |  |
| 4 | price | Double(10,5) | Save the price of the product orderd |  |
| 5 | file | text | Save the image of the product |  |
| 6 | Category | Varchar(20) | Food category |  |
| 7 | offer | Varchar(20) | offer |  |
| 8 | Foodtype | Varchar(20) | Save item in veg or non veg |  |

**5.Table Name** : admin

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Costraints** |
| 1 | Username | Varchar(20) | Static username |  |
| 2 | Password | Varchar(20) | Static password |  |
| 3 | pid |  |  | Foreign key references products:pid |
| 4 | cid |  |  | Foreign key references products:cid |
| 5 | eid |  |  | Foreign key references products:eid |
| 6 | vid |  |  | Foreign key references products:vid |
| 4 | Resaccount | Varchar(20) | Activate/Deactivate |  |
| 5 | Empaccount | Varchar(20) | Activate/Deactivate |  |

**6.Table Name** : employee registration table

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| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | eid | Int | Unique Id | PRIMARY KEY(AUTO\_INCREMENT) |
| 2 | e\_fname | Varchar(30) | First Name |  |
| 3 | e\_lname | Varchar(30) | Last Name |  |
| 4 | e\_mail | Varchar(30) | Email id |  |
| 5 | e\_address | Varchar(50) | Address |  |
| 6 | e\_phno | Varchar(15) | Phone number |  |
| 7 | e\_gender | Varchar(10) | Gender |  |
| 8 | e\_city | Varchar(20) | Place |  |
| 9 | e\_state | Varchar(20) | State |  |
| 10 | e\_pwd | Varchar(20) | Password |  |
| 11 | e\_dob | Varchar(20) | Date of birth |  |
| 12 | e\_vehicle | Varchar(50) | Vehicle details |  |
| 1 | e\_blood | Varchar(10) | Blood group |  |
| 17 | e\_license | file | image |  |
| 19 | e\_joiningdate | date | Joining date |  |

**7.Table Name** : vehicle

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | vid | int | Unique id Assigned for each vehicle | PRIMARY KEY(AUTO\_INCREMENT) |
| 2 | status | Int(11) |  |  |
| 3 | vnumber | Varchar(30) | Saves the regi number of the vehicle assigned for delivery |  |

**8.Table Name** : cart table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | ccid | int | Assigned for each cart | Primary key:ccid |
| 2 | cid |  |  | <cid:foreign> key references customer id from the customer table |
| 3 | pid |  |  | [pid:foreign](cid:foreign) key references product id from the product table |
| 4 | qty |  | Save all qty related to products added in cart |  |
| 5 | status |  | The status will save dlivery status |  |

**9.Table Name** : payment table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Field Name** | **Data Type** | **Description** | **Constraints** |
| 1 | payid | int | Payment unique id | Primary key:payid |
| 2 | cid |  |  | <cid:foreign> key references customer id from the customer table |
| 3 | oid |  |  | [oid:foreign](cid:foreign) key references order id from the order table |
| 4 | pid |  |  | [pid:foreign](cid:foreign) key references product id from the product table |
| 5 | bankname | Varchar(20) | Bank name |  |
| 6 | cardtype | Varchar(20) | Select card type/debit/credit/upi/paytm |  |
| 7 | cardholdername | Varchar(20) | Name of card |  |
| 8 | Cardnumber | Int(16) | Number of atm card |  |
| 9 | cvv | Int(3) | Cvv card number |  |
| 10 | expdate | datetime | Expiry mm and yyyy |  |