

TABLE DESIGN

1. Registration table

Primary Key: user_id

Column Name	Data Type	Description
user_id	int	Unique user ID
username	varchar (50)	Username
password	varchar (50)	Password
email	varchar (50)	Email
address	text	Customer address
phone	varchar (20)	Customer phone number
role	varchar (20)	User role (customer, supplier, admin, delivery)

2. Customer login table

Primary Key: customer_id

Foreign Key: user_id references Registration(user_id)

Column Name	Data Type	Description
customer_id	int	Primary key
User_id	varchar (50)	Foreign key referencing the registration table

3. Supplier table

Primary Key: supplier_id

Foreign Key: user_id references Registration(user_id)

Column Name	Data Type	Description
supplier_id	int	Primary key
User_id	varchar (50)	Foreign key referencing the registration table

4. Delivery person table

Primary Key: delivery_person_id

Foreign Key: user_id references Registration(user_id)

Column Name	Data Type	Description
delivery_person_id	int	Primary key
User_id	varchar (50)	Foreign key referencing the registration table

5. Category table

Primary Key: category_id

Column Name	Data Type	Description
category_id	int	Primary Key
Category name	varchar	Name of category

6. Product table

Primary Key: product_id

Foreign Keys: category_id references Category(category_id), supplier_id references Supplier(supplier_id)

Column Name	Data Type	Description
product_id	int	Unique product ID
Category_id	int	foreign
Product name	varchar(100)	Product name
description	text	Product description
image	varchar	Product image
price	int	Product price
stock_level	int	Current stock level
supplier_id	int	Foreign key referencing the Suppliers table

7. Product nutrition information table

Foreign Key: product_id references Product(product_id)

Column Name	Data Type	Description
product_id	int	Foreign key referencing the Products table
nutritional_info	text	Nutritional information for the product
health_benefits	text	Health benefits and dietary recommendations

8. Order table

Primary Key: order_id

Foreign Keys: customer_id references Customer(customer_id), product_id references Product(product_id)

Column Name	Data Type	Description
order_id	int	Unique order ID
customer_id	int	Foreign key referencing the Customers table
order_date	datetime	Order date and time
total_amount	int	Total order amount
status	varchar(20)	Order status
product_id	int	Foreign key referencing the Products table
quantity	int	Quantity of the product in the order

9. Delivery assignment table

Primary Key: delivery_id

Foreign Keys: order_id references Order(order_id), delivery_person_id references DeliveryPerson(delivery_person_id)

Column Name	Data Type	Description
delivery_id	int	Unique delivery ID
order_id	int	Foreign key referencing the Orders table
delivery_date	datetime	Scheduled delivery date and time
status	varchar(20)	Delivery status
delivery_person_id	int	Foreign key referencing the Delivery Persons table

10. Review table

Primary Key: review_id

Foreign Keys: customer_id references Customer(customer_id), product_id references Product(product_id)

Column Name	Data Type	Description
review_id	int	Primary key
customer_id	int	Foreign key referencing the Customers table
product_id	int	Foreign key referencing the Products table
rating	int	Customer rating
review_text	text	Customer review text

11.Inventory management table

Foreign Key: product_id references Product(product_id)

Column Name	Data Type	Description
product_id	int	Foreign key referencing the Products table
restock_alert	int	Restock alert

12.Payment table

Primary Key: payment_id

Foreign Key: order_id references Order(order_id)

Column Name	Data Type	Description
payment_id	int	Unique payment ID
order_id	int	Foreign key referencing the Orders table
payment_date	datetime	Payment date and time
payment_method	varchar(20)	Payment method