

DATABASE TABLE DESIGN

1. **tbl_login**

Primary Key: login_id

Foreign Key: login_id references to tbl_customer, tbl_buyer, tbl_deliveryAgent

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	login_id	int(10)	Primary Key	Login_id for users
2.	email_id	varchar(50)	Not Null, Unique	Email id of users
3.	password	varchar(50)	Not Null	Password for login
4.	role	varchar(50)	Not Null	Role of user

2. **tbl_seller**

Primary Key: seller_id

Foreign Key: login_id references tbl_login

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	seller_id	int(10)	Primary Key	Id for each Seller
2.	seller_name	varchar(50)	Not null	Name of seller
3.	seller_address	varchar(100)	Not null	Address of seller
4.	seller_locality	varchar(100)	Not null	Locality
5.	seller_city	varchar(100)	Not null	City name
6.	seller_pincode	int(10)	Not null	Postal code
7.	seller_phone	int(10)	Not null	Contact no
8.	sellerAcc_no	int(20)	Not null	Account no of seller
9.	sellerAcc_ifsc	varchar(20)	Not null	Ifsc of bank account
10.	sellerAcc_bank	varchar(30)	Not null	Bank name
11.	login_id	int(10)	Foreign key	Login_id of seller

3. **tbl_customer**

Primary_key: customer_id

Foreign_key: login_id references tbl_login

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	customer_id	int(10)	Primary Key	Id for each customer
2.	customer_name	varchar(50)	Not null	Name of customer
3.	customer_address	varchar(100)	Not null	Address of customer
4.	customer_locality	varchar(100)	Not null	Locality
5.	customer_city	varchar(100)	Not null	City name
6.	customer_pincode	int(10)	Not null	Postal code
7.	customer_phone	int(10)	Not null	Contact no
8.	login_id	int(10)	Foreign key	Login_id of customer

4. **tbl_deliveryAgent**

Primary_key: deliveryAgent_id

Foreign key: login_id references tbl_login

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	deliveryAgent_id	int(10)	Primary Key	Id – delivery agent
2.	deliveryAgent_name	varchar(50)	Not null	Name of delivery agent
3.	deliveryAgent_address	varchar(100)	Not null	Address of delivery agent
4.	deliveryAgent_locality	varchar(100)	Not null	Locality
5.	deliveryAgent_city	varchar(100)	Not null	City name
6.	deliveryAgent_phone	int(10)	Not null	Contact no
7.	login_id	int(10)	Foreign key	Login_id of delivery agent
8.	deliveryAgent_img	imagefield	Null	Image of Delivery Agent
9.	deliveryAgent_pincode	int(10)	Not null	Postal code

5. **tbl_category**

Primary Key: category_id

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	category_id	int(10)	Primary Key	Id for each category
2.	category_name	varchar(50)	Not null	Name of category
3.	category_desc	varchar(100)	Not null	Description of category

6. **tbl_subCategory**

Primary key: subCategory_id

Foreign key: category_id references tbl_category

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	subCategory_id	int(10)	Primary Key	Id for each subcategory
2.	subCategory_name	varchar(50)	Not null	Name of subcategory
3.	category_id	int(10)	Foreign key	Category id

7. **tbl_product**

Primary key: product_id

Foreign key: subCategory_id references tbl_subCategory,
seller_id references tbl_seller

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	product_id	int(10)	Primary Key	Id for each product
2.	product_name	varchar(50)	Not null	Name of product
3.	subCategory_id	int(10)	Foreign key	Subcategory id
4.	product_desc	timestamp	Not null	Product Description
5.	seller_id	int(10)	Foreign key	Seller id
6.	stockCrops	int(11)	Null	Stock of crops
7.	priceCrop	float(10)	Null	Price of crop before discount
8.	discountCrop	float(10)	Null	Discount for crop
9.	product_img	Imagefield	Not null	Image of product

8. **tbl_packet_size**

Foreign Key: product_id, packet_size(Composite)

No.	Field Name	Data Type	Key Constraints	Description
1	product_id	int(10)	Composite Primary Key	Foreign key referencing tbl_product.product_id
2	packet_size	varchar(10)	Composite Primary Key	Size of the packet (e.g., '50g', '100g')
3	seed_quantity	int(11)	Not Null	Quantity of seeds in the packet
4	price_before_discount	float(10)	Null	Price before discount for this packet size
5	discount	float(10)	Null	Discount for this packet size

9. **tbl_orders**

Primary key: order_id

Foreign key: product_id references tbl_product,
customer_id references tbl_customer

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	order_id	int(10)	Primary Key	Product order id
2.	customer_id	int(10)	Foreign key	Customer id
3.	product_id	int(10)	Foreign key	Product id
4.	qty	int(10)	Not null	Quantity of products
5.	amount	float	Not null	Product price

10. **tbl_orderDetails**

Primary key: orderDetails_id

Foreign key: order_id references tbl_orders

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	orderDetails_id	int(10)	Not null	Id for each order
2.	order_id	int(10)	Foreign key	Customer id
3.	product_id	int(10)	Foreign key	Product id

11. **tbl_wishlist**

Primary key: wishlist_id

Foreign key: customer_id references tbl_customer, product_id references tbl_product

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	wishlist_id	int(10)	Primary Key	Wishlist id
2.	customer_id	int(10)	Foreign key	Customer id
3.	product_id	int(10)	Foreign key	Product id

12. **tbl_cart**

Primary key: cart_id

Foreign key: customer_id references tbl_customer, order_id references tbl_order,
product_id references tbl_product

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	cart_id	int(10)	Primary key	Cart id
2.	order_id	int(10)	Foreign Key	Id for each order
3.	customer_id	int(10)	Foreign key	Customer id
4.	product_id	int(10)	Foreign key	Product id

13. **tbl_payment**

Primary key: payment_id

Foreign key: cart_id references tbl_cart, customer_id references tbl_customer,
seller_id references tbl_seller

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	payment_id	int(10)	Primary key	Payment id
2.	cart_id	int(10)	Foreign key	Cart id
3.	customer_id	int(10)	Foreign key	Customer id
4.	seller_id	int(10)	Foreign key	Seller id
5.	payment_date	timestamp	Not null	Date and Time of payment
4.	payment_mode	varchar(50)	Not null	Payment Mode
5.	status	int(10)	Not null	Status-active/blocked

14. tbl_review

Primary key: review_id

Foreign key: customer_id references tbl_customer

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	review_id	int(10)	Primary Key	Review id
2.	customer_id	int(10)	Foreign key	Customer id
3.	review_desc	varchar(200)	Not null	Review by customer

15. tbl_shipAddress

Primary key: shipping_id

Foreign key: customer_id references tbl_customer

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	shipping_id	int(10)	Primary Key	Id for address
2.	customer_id	int(10)	Foreign key	Customer id
3.	shippingName	varchar(50)	Not null	Name to which shipment to be done
4.	shippingAddress	varchar(100)	Not null	Shipment Address
5.	shippingLocality	varchar(100)	Not null	Locality of shipment
6.	shippingCity	varchar(100)	Not null	City of shipment
7.	shippingPin	int(10)	Not null	Shipment Pincode
8.	shippingPhone	int(20)	Not null	Shipment Contact Number

16. deliveryOrder

Primary key: delivery_id

Foreign key: deliveryAgent_id references tbl_deliveryAgent,
order_id references tbl_order, seller_id references tbl_seller,
shipping_id references tbl_shipAddress

No.	Fieldname	Datatype (Size)	Key Constraints	Description
1.	delivery_id	int(10)	Primary Key	Delivery Id
2.	deliveryAgent_id	int(10)	Foreign key	Delivery Agent id
3.	deliveryOption	varchar(50)	Not null	Option for delivery
4.	deliveryNote	varchar(100)	Null	Description for delivery
5.	order_id	int(10)	Foreign Key	Order id
6.	shipping_id	int(10)	Foreign Key	Shipment id
7.	seller_id	int(10)	Foreign Key	Seller id
8.	deliveryDate	timestamp	Not null	Delivery date