

TABLE DESIGN

1.User Table

Fieldname	Datatype(size)	Key Constraints	Description
user_id	Int(11)	Primary key	User ID
username	Varchar(100)		Username
email	Varchar(100)		Email
password	Varchar(100)		Password
phone	Varchar(10)		Phone Number
role	Varchar(20)		Role

2.Admin Table

Fieldname	Datatype(size)	Key Constraints	Description
admin_id	Int(11)	Primary key	Admin ID
name	Varchar(100)		Name
contact info	Varchar(100)		Contact Info

3.Waste Donor Table

Fieldname	Datatype(size)	Key Constraints	Description
donor_id	Int(11)	Primary key	Donor ID
name	Varchar(100)		Name
contact info	Varchar(100)		Contact Info

4.Artists Table

Fieldname	Datatype(size)	Key Constraints	Description
artist_id	Int(11)	Primary key	Artist ID
name	Varchar(100)		Name
portfolio	Varchar(1000)		Description of the artists
contact info	Varchar(100)		Contact Info



5. Buyers Table

Fieldname	Datatype(size)	Key Constraints	Description
buyer_id	Int(11)	Primary key	Buyer ID
name	Varchar(100)		Name
contact info	Varchar(100)		Contact Info

6. Materials Table

Fieldname	Datatype(size)	Key Constraints	Description
material_id	Int(11)	Primary key	Material ID
donor_id	Int(11)	Foreign key	Reference to Donor
type	Varchar(100)		Material type
quantity	Int(11)		Quantity of the material
condition	Varchar(100)		Condition of the material
status	Varchar(20)		Status

7. Artwork Table

Fieldname	Datatype(size)	Key Constraints	Description
artwork_id	Int(11)	Primary key	Artwork ID
artist_id	Int(11)	Foreign key	Reference to Artist
title	Varchar(100)		Title of the work
description	Varchar(1000)		Description of the artwork
price	Decimal(10,2)		Price of artwork
availability	Varchar(20)		Availability

8. Product Table

Fieldname	Datatype(size)	Key Constraints	Description
product_id	Int(11)	Primary key	Product ID
artwork_id	Int(11)	Foreign key	Reference to Artwork
description	Varchar(1000)		Description of the product
price	Decimal(10,2)		Price
status	Varchar(20)		Status

9. Orders Table

Fieldname	Datatype(size)	Key Constraints	Description
order_id	Int(11)	Primary key	Order ID
buyer_id	Int(11)	Foreign key	Reference to Buyer
Order_date	Date		Date of order
total_price	Decimal(10,2)		Price
status	Varchar(20)		Status of order
payment_method	Varchar(20)		Payment Method
payment_status	Varchar(20)		Payment status(Success/failed)

10. Order Product Table

Fieldname	Datatype(size)	Key Constraints	Description
Order_product_id	Int(11)	Primary key	Order product ID
order_id	Int(11)	Foreign key	Reference to Order
product_id	Int(11)	Foreign key	Reference to Product
quantity	Int(11)		Quantity of products
price	Decimal(10,2)		Price

11. Review Table

Fieldname	Datatype(size)	Key Constraints	Description
review_id	Int(11)	Primary key	Review ID
product_id	Int(11)	Foreign key	Reference to Product
buyer_id	Int(11)	Foreign key	Reference to Buyer
rating	Int(11)		Rating of product
review text	Varchar(200)		Review Text

12. Delivery Partners Table

Fieldname	Datatype(size)	Key Constraints	Description
partner_id	Int(11)	Primary key	Unique ID for delivery partner

name	Varchar(100)		Name of the delivery partner
contact_info	Varchar(100)		Contact information
vehicle_info	Varchar(100)		Vehicle details
service_area	Varchar(100)		Areas covered by the partner

13. Delivery Partners Table

Fieldname	Datatype(size)	Key Constraints	Description
request_id	Int(11)	Primary key	Unique ID for delivery request
Order_id	Int(11)	Foreign key	Reference to Orders table
Partner_id	Int(11)	Foreign key	Reference to Delivery Partners table
Pickup_location	Varchar(100)		Pickup location for the order
Delivery_location	Varchar(100)		Delivery location for the order
Status	Varchar(100)		Delivery status (Pending, In-Transit, Delivered)

14. Delivery Tracking Table

Fieldname	Datatype(size)	Key Constraints	Description
tracking_id	Int(11)	Primary key	Unique ID for tracking entry
request_id	Int(11)	Foreign key	Reference to Delivery Request table
Status	Varchar(100)		Delivery status (Pending, In-Transit, Delivered)
timestamp	DateTime		Date and time of the status update
update_method	Varchar(20)		Method of update (manual/voice input)

15. Delivery Rating Table

Fieldname	Datatype(size)	Key Constraints	Description
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Rating_id	Int(11)	Primary key	Unique ID for rating entry
partner_id	Int(11)	Foreign key	Reference to delivery partners table
Order_id	Int(11)	Foreign key	Reference to Orders table
rating	Int(11)		Rating given to the delivery partner
review_text	Varchar(200)		Feedback or comments on the delivery service

