TABLE DESIGN

1. **Table:** Approved_designer_items

   Primary Key: approve_id

   Description: The approved designer products are stored here.

Field Name	Data Type	Size	Description
approve_id	Integer	11	Approved Designer ID
Design_pro_id	Integer	11	Designer uploaded Product's ID
Product_name	Varchar	150	Approved Product Name
Product_type	Varchar	150	Type of the product
Description	Varchar	500	Description about the project
Size	Varchar	50	Size of the product uploaded
Price	Bigint	20	Product price
Cover_photo	Varchar	500	The image displayed on the site
Stock	Integer	11	Quantity of the product available
Designer_name	Varchar	100	Name of the designer
Designer_email	Varchar	250	Email of the designer
Status	Smallint	6	To specify whether it is approved by the admin or not

2. Bank

Primary Key: bank_id

Description : Used for payment, store bank details

Field Name	Data Type	Size	Description
Bank_id	Integer	11	Primary Key,auto increment value
Name	Varchar	500	Name of the account holder
Email	Varchar	500	Email of the account holder
Bank_name	Varchar	500	Name of the bank
Ifsc	Varchar	10	Ifsc code of the bank
Account_number	Varchar	100	Account number
Balance	Double		Balance amount in the account

3. bank_transaction

Primary Key: trans_id

Description: To store the card details.

Field Name	Data Type	Size	Description
Trans_id	Integer	11	Transaction ID
Email	Varchar	250	Email of the card holder
Card_holder_name	Varchar	250	Name of the card holder
Card type	Varchar	100	Type of the card(VISA,MASTERCARD etc)
Credit_card_no	Bigint	16	Credit card number
Cvv	Integer	11	Security number printed on the back side of the card
Expiry_year	Integer	11	Expiry Year
Expiry_month	Varchar	50	Expiry month

4. Cart

Primary Key: add_cart_id

Description: To store the product details that are added to the cart

Field Name	Data Type	Size	Description
Add_cart_id	Integer	11	Primary key,auto increment
Cart_id	Integer	11	ID for the items stored in the temporary table
Product_id	Integer	11	Id of the product
Product_name	Varchar	150	Name of the product
Quantity	Integer	11	Specifies the quantity of each product purchased.
Unit_price	Float		Amount for a single product
Total_amount	Float		Unit price multiplied with the quantity
Image	Varchar	500	Store the image of the product
Uname	Varchar	150	Email of the customer
Status	Tinyint	1	To specify the amount is payed or not
Checked	Tinyint	1	To check the product delivered or not

5. **Category**

   Primary key: category_id

   Description : To store the category details of a product

Field Name	Data Type	Size	Description
Category_id	Integer	11	Primary key,auto increment
Category_name	Varchar	150	Name, i.e,Frock,gown etc

6. **Delivery_details**

   Primary key : d_id

   Description : To store the address to deliver the products.

Field Name	Data Type	Size	Description
D_id	Integer	11	Delivery address id
Name	Varchar	50	Name of the person (Receiver of the product)
Mobile	Bigint	10	Mobile number
Pincode	Integer	6	Pincode
Locality	Varchar	100	Place near to the address
Address	Varchar	250	Address
State	Varchar	100	State
Uname	Varchar	250	Email of the receiver

7. **Designer_images**

Primary key: des_img_id

Foreign key: design_pro_id

Description: To store multiple images of the designer uploaded products.

Field Name	Data Type	Size	Description
Des_img_id	Integer	11	Designer image id
Design_pro_id	Integer	11	Designer product id
File_name	Varchar	100	Images name

8. **Designer_products**

Primary Key: design_pro_id
Description: Designer uploaded products details

Field Name	Data Type	Size	Description
Design_pro_id	Integer	11	Designer product id
Product_type	Varchar	100	Type of the product
Product_name	Varchar	200	Name of the designer uploaded product
Description	Varchar	350	Description about the produdct
Cover_photo	Varchar	500	Image viewed on the site
Designer_name	Varchar	50	Name of the designer
Designer_email	Varchar	150	Email of the designer
Status	Smallint	3	Check whether the design approved by the admin or not

9. Design_request

Primary Key: des_req_id

Description: Request from the customer to the designer

Field Name	Data Type	Size	Description
Des_req_id	Integer	11	Designer request id
Email	Varchar	100	Email of the designer
Product_id	Integer	11	Product ID
Product_name	Varchar	250	Name of the product
Size	Varchar	25	Size specified by the customer
Quantity	Integer	11	Number of products needed by the customer
Alteration	Varchar	500	Alteration for the product
Photo	Varchar	500	Image of the product
Status	Smallint	6	Check that product designed or not
User_email	Varchar	250	Email of the user

10. Temporary table

Primary Key: cart_id
Description: Temporary table in the name of the logged in customer, used to store the details of the purchases items.

Field Name	Data Type	Size	Description
Cart_id	Integer	11	Cart id
Product_id	Integer	10	Product id
Product_name	Varchar	200	Name of the product
Quantity	Integer	10	Specify the number of products
Unit_price	Float		Price for a single item
Total_amount	Float		Unit price multiplied by the quantity
Image	Varchar	500	Image of the product
Status	Tinyint	1	Amount payed or not

11. Images

Primary Key: img_id

Foreign Key: pro_type_id

Description: To store images of the admin uploaded products

Field Name	Data Type	Size	Description
Img_id	Integer	11	Image ID
Pro_type_id	Integer	11	Product type ID
File_name	Varchar	500	Name of the images

12. Login

Primary Key: u_id
Foreign key: u_name
Description: Login details

Field Name	Data Type	Size	Description
U_id	Integer	11	User ID
U_name	Varchar	150	Email id used as the username to log in
U_pass	Varchar	50	User password
U_type	Integer	5	Type of the user; admin,customer or designer
U_online	Integer	5	Logged in or not
U_status	Integer	5	Blocked or not

13. Place_order

Primary Key: o_id
Decsription: To store the amount details after purchase

Field Name	Data Type	Size	Description
O_id	Integer	11	Order ID
Uname	Varchar	200	User name
O_date	Varchar	150	Date of order
D_date	Varchar	150	Date of delivery expected
Net_amount	Float		Sum of total amounts from the cart table
Tax	Float		Tax for the products
Discount	Float		10 percentage of the net amount is given as discount
Grand_total	Float		Amount that the customer must pay

14. Product_type

Primary key: pro_type_id
Description: product type details

Field Name	Data Type	Size	Description
Pro_type_id	Integer	11	Product type ID
P_type_name	Varchar	150	Product type name
Size	Varchar	30	Size of the product uploaded
Price	Integer	12	Price of the product
Stock	Integer	11	Quantity of the product available
P_type_desc	Varchar	500	Product description
Product_category	Varchar	150	Category of the product
Cover_photo	Varchar	300	Image of the product

15. Registration

Primary key: r_id
Description: Registered user details

Field Name	Data Type	Size	Description
R_id	Integer	11	Registration ID
Name	Varchar	150	Name of the user
Mobile	Varchar	14	Mobile number
Dob	Date		Date of birth
Address	Varchar	500	Address of the user
State	Varchar	100	State
Photo	Varchar	500	Image of the user
Email	Varchar	150	Email of the user
R_type	Integer	5	Specify the user is admin, customer or designer

16. **Request_to_designer**

Primary key: rtd_id

Description: Request for the designer from the admin to design products

Field Name	Data Type	Size	Description
Rtd_id	Integer	11	Request to designer ID
Product_id	Integer	11	Product id
Product_name	Varchar	50	Product name
Quantity	Integer	11	Quantity of the product needed
Image	Varchar	500	Image of the product
Designer_name	Varchar	150	Name of the designer
Status	Tinyint	1	Check the admin assigned a designer or not
Email_of_customer	Varchar	250	Email of the customer who request this product

17. Delivery_details
   Primary Key: did
   Description : Delivery details provided to the distributor

Field Name	Data Type	Size	Description
Did	Integer	10	Delivery process id
Ddate	Varchar	100	Deleivered date
Amount	Double	100	Amount of the product
Delivery_charge	Double	50	Delivery charge for the distributor
Mode of payment	Varchar	10	Cash on delivery/online banking
Address	Varchar	100	Delivery address
Phone	Varchar	13	Phone number of the customer
Status	Integer	2	Checking for delivered or not

18. Return_requests
   Primary Key:rid
   Description:Request to the admin for the return/replacement

Field Name	Data Type	Size	Description
Rid	Integer	10	Return/replacement id
Product_id	Integer	10	For Product details
Return_date	Varchar	50	Date of return
Reason	Varchar	100	Reason for return
Status	Integer	2	Checking for the confirmation
Check	Integer	2	To identify return or replacement is done