Bixwe - Table Design

Users

Primary Key: user_id

Field	Data Type	Key Constraints	References (if Foreign Key)
user_id	Integer (11)	Primary Key	----------
username	Varchar (30)	Not Null	----------
email	Varchar (50)	Not Null	----------
password	Varchar (50)	Not Null	----------
contact_no	Integer (20)	Not Null	----------
role	Varchar (10)	Not Null	----------
code	Varchar (100)	Not Null	----------

Product

Primary Key: prod_id

Foreign Key: cut refernces cut_id from cut

Foreign Key: brand refernces brand_id from brand

Foreign Key: body_type refernces type_id from body_type

Foreign Key: fade refernces entry_id from fade

Foreign Key: feature refernces entry_id from features

Foreign Key: fit refernces fit_id from fit

Foreign Key: material refernces material_id from material

Foreign Key: pattern refernces pattern_id from pattern

Foreign Key: texture refernces texture_id from texture

Foreign Key: wear refernces wear_id from wear

Foreign Key: usergroup refernces group_id from usergroup

Foreign Key: category refernces category_id from category

Foreign Key: subcategory refernces sub_category_id from subcategory

Field	Data Type	Key Constraints	References (if Foreign Key)
prod_id	Integer (11)	Primary Key	
product_name	Varchar (20)	Not Null	
product_desc	Varchar (100)	Not Null	
cut	Integer (11)	Foreign Key	cut refernces cut_id from cut
brand	Integer (11)	Foreign Key	brand refernces brand_id from brand
body_type	Integer (11)	Foreign Key	body_type refernces type_id from body_type
fade	Integer (11)	Foreign Key	fade refernces entry_id from fade
feature	Integer (11)	Foreign Key	feature refernces entry_id from features
fit	Integer (11)	Foreign Key	fit refernces fit_id from fit
material	Integer (11)	Foreign Key	material refernces material_id from material
pattern	Integer (11)	Foreign Key	pattern refernces pattern_id from pattern
texture	Integer (11)	Foreign Key	texture refernces texture_id from texture
wear	Integer (11)	Foreign Key	wear refernces wear_id from wear
usergroup	Integer (11)	Foreign Key	usergroup refernces group_id from usergroup
image1	Varchar (100)	Not Null	
image2	Varchar (100)	Not Null	
image3	Varchar (100)	Not Null	
category	Integer (11)	Foreign Key	category refernces category_id from category
subcategory	Integer (11)	Foreign Key	subcategory refernces sub_category_id from subcategory
price	Integer (20)	Not Null	
quantity	Integer (20)	Not Null	

Body_type

Primary Key: type_id

Field	Data Type	Key Constraints	References (if Foreign Key)
type_id	Integer (11)	Primary Key	------
body_type	Varchar (20)	Not Null	------

Brand

Primary Key: brand_id

Field	Data Type	Key Constraints	References (if Foreign Key)
brand_id	Integer (11)	Primary Key	------
brand_name	Varchar (20)	Not Null	------

Cart

Primary Key: entry_id

Foreign Key: user_id refernces user_id from users

Foreign Key: product_id refernces prod_id from product

Foreign Key: size_id refernces size_id from size

Foreign Key: color_id refernces color_id from colour

Field	Data Type	Key Constraints	References (if Foreign Key)
entry_id	Integer (11)	Primary Key	------
user_id	Integer (11)	Foreign Key	user_id refernces user_id from users
product_id	Integer (11)	Foreign Key	product_id refernces prod_id from product
size_id	Integer (11)	Foreign Key	size_id refernces size_id from size
color_id	Integer (11)	Foreign Key	color_id refernces color_id from colour
price	Integer (11)	Not Null	------
quantity	Integer (20)	Not Null	------
net_total	Integer (20)	Not Null	------
is_checked_out	Integer (5)	Not Null	------

Category

Primary Key: category_id

Field	Data Type	Key Constraints	References (if Foreign Key)
category_id	Integer (11)	Primary Key	------
category	Varchar (50)	Not Null	------

Colour

Primary Key: color_id

Field	Data Type	Key Constraints	References (if Foreign Key)
color_id	Integer (11)	Primary Key	------
color_name	Varchar (20)	Not Null	------

Cut

Primary Key: cut_id

Field	Data Type	Key Constraints	References (if Foreign Key)
cut_id	Integer (11)	Primary Key	------
cut_name	Varchar (20)	Not Null	------

Fade

Primary Key: entry_id

Field	Data Type	Key Constraints	References (if Foreign Key)
entry_id	Integer (11)	Primary Key	------
fade	Varchar (20)	Not Null	------

Features

Primary Key: entry_id

Field	Data Type	Key Constraints	References (if Foreign Key)
entry_id	Integer (11)	Primary Key	------
feature	Varchar (20)	Not Null	------

Fit

Primary Key: fit_id

Field	Data Type	Key Constraints	References (if Foreign Key)
fit_id	Integer (11)	Primary Key	------
fit_name	Varchar (20)	Not Null	------

Material

Primary Key: material_id

Field	Data Type	Key Constraints	References (if Foreign Key)
material_id	Integer (11)	Primary Key	------
material_name	Varchar (20)	Not Null	------
durability	Varchar (200)	Not Null	------
comfort	Varchar (200)	Not Null	------
maintenance	Varchar (200)	Not Null	------

Orders

Primary Key: order_id

Foreign Key: user_id refernces user_id from users

Field	Data Type	Key Constraints	References (if Foreign Key)
order_id	Integer (11)	Primary Key	------
user_id	Integer (11)	Foreign Key	user_id refernces user_id from users
order_date	Date	Not Null	------
c_name	Varchar (30)	Not Null	------
c_email	Varchar (30)	Not Null	------
c_phone	Integer (13)	Not Null	------
c_address	Varchar (100)	Not Null	------
payment_mode	Varchar (20)	Not Null	------
total_amount	Integer (20)	Not Null	------

Order_items

Primary Key: id

Foreign Key: order_id refernces order_id from orders

Foreign Key: product_id refernces prod_id from product

Field	Data Type	Key Constraints	References (if Foreign Key)
id	Integer (11)	Primary Key	------
order_id	Integer (11)	Foreign Key	order_id refernces order_id from orders
product_id	Integer (11)	Foreign Key	product_id refernces prod_id from product
quantity	Integer (20)	Not Null	------
price	Integer (20)	Not Null	------
total_price	Integer (20)	Not Null	------

Pattern

Primary Key: pattern_id

Field	Data Type	Key Constraints	References (if Foreign Key)
pattern_id	Integer (11)	Primary Key	------
pattern_name	Varchar (20)	Not Null	------

Review

Primary Key: entry_id

Foreign Key: user_id refernces user_id from users

Foreign Key: product_id refernces prod_id from product

Field	Data Type	Key Constraints	References (if Foreign Key)
entry_id	Integer (11)	Primary Key	------
product_id	Integer (11)	Not Null	product_id refernces prod_id from product
user_id	Integer (11)	Foreign Key	user_id refernces user_id from users
review_text	Varchar (100)	Foreign Key	------

Size

Primary Key: size_id

Field	Data Type	Key Constraints	References (if Foreign Key)
size_id	Integer (11)	Primary Key	------
size	Varchar (20)	Not Null	------
bust	Integer (20)		------
front_length	Integer (20)		------
waist	Integer (20)		------
shoulder	Integer (20)		------
inseam	Integer (20)		------
chest	Integer (20)		------
rise	Integer (20)		------
hips	Integer (20)		------

Subcategory

Primary Key: sub_category_id

Foreign Key: category_id refernces category_id from category

Field	Data Type	Key Constraints	References (if Foreign Key)
sub_category_id	Integer (11)	Primary Key	------
category_id	Integer (11)	Foreign Key	category_id refernces category_id from category
sub_category	Varchar (20)	Not Null	

Texture

Primary Key: entry_id

Field	Data Type	Key Constraints	References (if Foreign Key)
entry_id	Integer (11)	Primary Key	------
texture	Varchar (20)	Not Null	------

Usergroup

Primary Key: group_id

Field	Data Type	Key Constraints	References (if Foreign Key)
group_id	Integer (11)	Primary Key	------
group_name	Varchar (20)	Not Null	------

Wear

Primary Key: wear_id

Field	Data Type	Key Constraints	References (if Foreign Key)
wear_id	Integer (11)	Primary Key	------
wear	Varchar (20)	Not Null	------

Wishlist

Primary Key: entry_id

Foreign Key: product_id refernces product_id from product

Field	Data Type	Key Constraints	References (if Foreign Key)
entry_id	Integer (11)	Primary Key	------
product_id	Varchar (20)	Foreign Key	product_id refernces product_id from product