Database Schema for Art Website

Users Table

Column Name	Data Type	Description
UserID	INT	Primary Key, Auto-Increment
Name	VARCHAR	Full name of the user
Email	VARCHAR	Email address, must be unique
Phone	VARCHAR	Phone number, must be unique
Address	VARCHAR	Address details of the user
Age	INT	Age of the user
Gender	ENUM('Male', 'Female', 'Other')	Gender of the user

User Address Table

Column Name	Data Type	Description
AddressID	INT	Primary Key
UserID	INT	Foreign Key, links to the Users table
StreetAddress	VARCHAR	Detailed street address
City	VARCHAR	City
State	VARCHAR	State
ZipCode	VARCHAR	Zip code
Country	VARCHAR	Country

Company Purchase Transactions Table

Column Name	Data Type	Description
TransactionID	INT	Primary Key
UserID	INT	Foreign Key, links to the Users table
TransactionDate	DATETIME	Date and time of transaction
TotalPrice	DECIMAL(10,2)	Total price of the transaction
Status	ENUM('Completed', 'Pending', 'Cancelled')	Status of the transaction
PaymentMethodID	INT	Foreign Key, links to the Payment M
Notes	TEXT	Notes about the transaction

User Purchase Transactions Table

Column Name	Data Type	Description
TransactionID	INT	Primary Key
UserID	INT	Foreign Key, links to the Users table
ProductID	INT	Foreign Key, links to the Products ta
TransactionDate	DATETIME	Date and time of transaction
TotalPrice	DECIMAL(10,2)	Total price of the transaction
Status	ENUM('Completed', 'Pending', 'Cancelled')	Status of the transaction
PaymentMethodID	INT	Foreign Key, links to the Payment M
Notes	TEXT	Notes about the transaction

Products Table

Column Name	Data Type	Description
ProductID	INT	Primary Key
CategoryID	INT	Foreign Key, category of the product
Name	VARCHAR	Name of the product
Price	DECIMAL(10,2)	Price
Description	TEXT	Description of the product
MaterialID	INT	Foreign Key, material of the product
StyleID	INT	Foreign Key, style of the product
Color	VARCHAR	Color
Size	VARCHAR	Size
Weight	DECIMAL(10,2)	Weight
ImageURLs	TEXT	URLs for product images

Product Images Table

Column Name	Data Type	Description
ImageID	INT	Primary Key
ProductID	INT	Foreign Key, links to the Products table
ImageURL	TEXT	URL for the product image

Payment Methods Table

Column Name	Data Type	Description
PaymentMethodID	INT	Primary Key
UserID	INT	Foreign Key, links to the Users table

Provider	VARCHAR	Payment provider
AccountDetails	TEXT	Account details or reference tokens

Product Categories Table

Column Name	Data Type	Description
CategoryID	INT	Primary Key
CategoryName	VARCHAR	Name of the category

Materials Table

Column Name	Data Type	Description
MaterialID	INT	Primary Key
MaterialName	VARCHAR	Name of the material

Styles Table

Column Name	Data Type	Description
StyleID	INT	Primary Key
StyleName	VARCHAR	Name of the style

Brands Table

Column Name	Data Type	Description
BrandID	INT	Primary Key
BrandName	VARCHAR	Name of the brand
ReputationScore	INT	Reputation score
EstablishmentYear	YEAR	Year of establishment
CountryOfOrigin	VARCHAR	Country of origin
ContactInfo	VARCHAR	Contact information

Sell Requests Table

Column Name	Data Type	Description
RequestID	INT	Primary Key
UserID	INT	Foreign Key, linked to the Users table
ProductDetails	TEXT	Description of the product being sold

RequestedPrice	DECIMAL(10,2)	Price requested by the seller
Status	ENUM('Pending', 'Accepted', 'Rejected')	Status of the request
SubmissionDate	DATETIME	Submission date
ResponseDate	DATETIME	Response date, nullable