**DATABASE TABLES**

**Users**

* **ID:** BIGINT, Primary Key
* **Username:** VARCHAR
* **Password:** VARCHAR
* **Email:** VARCHAR
* **FullName:** VARCHAR
* **Address:** VARCHAR
* **PhoneNumber:** VARCHAR
* **Is\_Admin:** BOOL(0-user, 1-admin)
* **Created\_At:** DATETIME
* **Updated\_At:** DATETIME

**Products**

* **ID:** BIGINT, Primary Key
* **ProductName:** VARCHAR
* **Description:** TEXT
* **Price:** DECIMAL
* **Stock:** INT
* **ImageURL:** VARCHAR
* **Color:** VARCHAR
* **Rating:** DECIMAL
* **Discount:** DECIMAL
* **Created\_At:** DATETIME
* **Updated\_At:** DATETIME

**Categories**

* **ID:** BIGINT, Primary Key
* **ProductID:** BIGINT, Foreign Key (references Products)
* **CategoryName:** VARCHAR

**Orders**

* **ID:** BIGINT, Primary Key
* **ProductID:** BIGINT, Foreign Key (references Products)
* **UserID:** BIGINT, Foreign Key (references Users)
* **OrderDate:** DATETIME
* **TotalAmount:** DECIMAL
* **ShippingAddress:** VARCHAR
* **Status:** ENUM (Pending, Shipped, Delivered, Cancelled)
* **Price:** DECIMAL
* **Quantity:** INT

**Reviews**

* **ID:** BIGINT, Primary Key
* **ProductID**: BIGINT, Foreign Key (references Products)
* **UserID:** BIGINT, Foreign Key (references Users)
* **Rating:** INT
* **ReviewText:** TEXT
* **ReviewDate:** DATETIME

**ShoppingCart**

* **ID:** BIGINT, Primary Key
* **UserID:** BIGINT, Foreign Key (references Users)
* **CreatedDate:** DATETIME

**CartItems**

* **ID:** BIGINT, Primary Key
* **CartID:** BIGINT, Foreign Key (references ShoppingCart)
* **ProductID:** BIGINT, Foreign Key (references Products)
* **Quantity:** INT

**Payments**

* **ID:** BIGINT, Primary Key
* **OrderID**: BIGINT, Foreign Key (references Orders)
* **PaymentMethod**: ENUM (Credit Card, PayPal, etc.)
* **PaymentDate**: DATETIME
* **Amount**: DECIMAL
* **Tax**: DECIMAL
* **GST**: DECIMAL
* **Discount**: DECIMAL
* **PaymentStatus**: ENUM
* **TransactionID**: BIGINT, Foreign Key (references Transactions)

**WishList**

* **ID**: BIGINT, Primary Key
* **UserID**: BIGINT, Foreign Key (references Users)
* **CreatedDate**: DATETIME

**WishListItems**

* **ID**: BIGINT, Primary Key
* **WishListID**: BIGINT, Foreign Key (references WishList)
* **ProductID**: INT, Foreign Key (references Products)

**Brands**

* **ID**: BIGINT, Primary Key
* **BrandName**: VARCHAR
* **Description**: TEXT
* **ProductID**: BIGINT, Foreign Key (references Products)

**Vendors**

* **ID**: BIGINT, Primary Key
* **VendorName**: VARCHAR
* **ContactPerson**: VARCHAR
* **ContactEmail**: VARCHAR
* **ContactPhone**: VARCHAR
* **ProductID**: BIGINT, Foreign Key (references Products)

**Transactions**

* **ID**: BIGINT, Primary Key
* **OrderID**: BIGINT, Foreign Key (references Orders)
* **Transaction\_ID**: VARCHAR
* **TransactionStatus**: VARCHAR
* **TransactionResponse**: VARCHAR
* **SoftDelete**: VARCHAR
* **Timestamp**: VARCHAR