CSE311 Project

Group: 2

Wsneakers

ER Diagram and Tables

Mostakim Hossain 2131545042

Tahsinul Haque Wrudro 2131252642

Md. Sakibul Alam Patwary 2131341042

Customer



|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CustomerID | Username | Password | Phone  Number | Birth  Date | OrderID | TrxID | Address | ReportID | ReviewID |



Transaction\_History



|  |  |  |
| --- | --- | --- |
| TrxID | CustomerID | OrderID |



Order



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| OrderID | Date | Address | Total\_Price | Status | Customer  ID | TrxID | CartID |



Report



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ReportID | Text | CustomerID | ProductID | SellerID |



Seller



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SellerID | Phone  Number | Username | Password | ProductID |



Coupon

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CouponID | Name | Percentage  Discount | SellerID | ProductID |



Product



|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Product  ID | ProductName | Image | Price | Quantity | Colour | BrandID | SellerID | CouponID | ReviewID | CategoryID |



Reviews



|  |  |  |  |
| --- | --- | --- | --- |
| ReviewID | Text | CustomerID | ProductID |



Cart



|  |  |  |  |
| --- | --- | --- | --- |
| CartID | CustomerID | OrderID | ProductID |



Categories



|  |  |  |
| --- | --- | --- |
| CategoryID | Type | Size |



Brands

|  |  |
| --- | --- |
| BrandID | Name |

Wishlist



|  |  |  |
| --- | --- | --- |
| WishlistID | CustomerID | ProductID |



Consists\_of

|  |  |
| --- | --- |
| CartID | ProductID |

Is\_part\_of

|  |  |
| --- | --- |
| ProductID | WishlistID |

**Normalized form:**

Customer

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CustomerID | Username | Password | Phone  Number | Birth  Date | OrderID | TrxID | ReportID | ReviewID |

Customer\_Address

|  |  |
| --- | --- |
| CustomerID | Address |

Product

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Product  ID | ProductName | Image | Price | Quantity | BrandID | SellerID | CouponID | ReviewID | CategoryID |

Product\_Colours

|  |  |
| --- | --- |
| ProductID | Colour |

Seller

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SellerID | Phone Number | Username | Password | ProductID |

Seller\_PhoneNumbers

|  |  |
| --- | --- |
| SellerID | Phone\_Number |

\*Rest all tables are normalized

**ER Diagram:**

