**Data Dictionary**

**Customer**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| Uid | Int | 5 | Primary Key |
| Username | Nvarchar(Max) | Max | Not Null |
| Name | Nvarchar(Max) | Max | Not Null |
| Password | Nvarchar(Max) | Max | Not Null |
| Email | Nvarchar(Max) | Max | Not Null |
| Mobile | Numeric | 10 | Not Null |
| Gender | Nchar(10) | 10 | Not Null |
| Usertype | Nchar(10) | 10 | Not Null |

**Products**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| Pid | Int | 5 | Primary Key |
| PName | Nvarchar(Max) | Max | Not Null |
| PPrice | money | 10 | Not Null |
| PSelPrice | money | 10 | Not Null |
| PBrandID | bigint | Max | Foreign Key |
| PCategoryID | bigint | 10 | Foreign Key |
| PGender | bigint | 10 | Foreign Key |
| PDescription | Nvarchar(Max) | Max | Not Null |
| FreeDelivery | int | 5 | Not Null |
| 30DayRet | int | 5 | Not Null |
| COD | int | 5 | Not Null |

**Purchase**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| PurchaseID | bigint | 10 | Primary Key |
| UserID | int | 5 | Foreign Key |
| ProductID | Nvarchar(Max) | Max | Not Null |
| CartAmount | money | 10 | Not Null |
| CartDiscount | money | 10 | Foreign Key |
| TotalPayed | money | 10 | Foreign Key |
| PaymentType | Nvarchar(50) | 50 | Foreign Key |
| PaymentStatus | Nvarchar(50) | 50 | Not Null |
| DateOfPurchase | datetime | --- | Not Null |
| Name | Nvarchar(Max) | Max | Not Null |
| Address | Nvarchar(Max) | Max | Not Null |
| PinCode | Nvarchar(50) | 50 | Not Null |
| MobileNumber | Nvarchar(50) | 50 | Not Null |

**Product Images**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| PIMGID | bigint | 10 | Primary Key |
| PID | bigint | 10 | Foreign Key |
| Name | Nvarchar(Max) | Max | Not Null |
| Extension | Nvarchar(50) | 50 | Not Null |

**Product Quantity**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| ProQunID | bigint | 10 | Primary Key |
| PID | bigint | 10 | Foreign Key |
| Quantity | Nchar(10) | 10 | Not Null |

**Gender**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| GenderID | bigint | 10 | Primary Key |
| GenderName | Nvarchar(10) | 10 | Not Null |

**Categories**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| CatID | bigint | 10 | Primary Key |
| CatName | Nvarchar(Max) | Max | Not Null |

**Brands**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| BrandID | bigint | 10 | Primary Key |
| Name | Nvarchar(Max) | Max | Not Null |

**Forgot Password Request**

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraint |
| ID | uniqueidentifier | 10 | Primary Key |
| UID | int | 5 | Foreign Key |
| RequestDateTime | datetime | ----- | Not Null |