**1. CUSTOMER MANAGEMENT**

**CUSTOMER**

(CustomerID FirstName LastName Email PhoneNumber AddressLine1 AddressLine2 City PostalCode RegistrationDate)

**2. PRODUCT AND STOCK MANAGEMENT**

**PRODUCT**

**(**ProductID ProductName CategoryID BrandID UnitPrice TexRateID ReorderLevel IsActive)

**CATEGORY**

**(**CategoryID CategoryName)

**BRAND**

(BrandID BrandName)

**TAXRATE**

**(**TaxRateID TaxRate)

**STOCK**

**(**StockID ProductID WarehouseID QuantityAvailable LastRestockedDate)

**WAREHOUSE**

(WarehouselID WarehouseName Location EmployeeID)

**3. DISCOUNT MANAGEMENT**

**DISCOUNT**

(DiscountID DiscountName StartDate EndDate DiscountPercentage DiscountType)

**PRODUCTDISCOUNT**

**(**ProductDiscountID ProductID DiscountID)

**4. SALES MANAGEMENT**

**SALESTRANSACTION**

(TransactionID CustomerID TransactionDate PaymentMethodID TotalAmount DiscountApplied FinalAmount)

**SALESTRANSACTIONDETAIL**

**(**TransactionDetailID TransactionID ProductID ProductID Quantity UnitPrice LineTotal)

**PAYMENTMETHOD**

**(**PaymentMethodIDPaymentType)

**5. EMPLOYEE MANAGEMENT**

**EMPLOYEE**

**(**EmployeeIDFirstName LastName RoleID Email PhoneNumber HireDate)

**ROLE**

**(**RoleIDRoleName)

**AUDITLOG**

**(**LogIDAction PerformedBy ActionTimestamp TableName)

**6. REPORT GENERATION**

**REPORT**

**(**ReportIDReportName GeneratedBy GeneratedDate ReportType ReportDate)