**Schema**

**1. Inventory Table:**

- ProductID (Primary Key)

- ProductName

- Price

- Barcode

- StockQuantity

**2. Transactions Table:**

- TransactionID (Primary Key)

- CashierID (Foreign Key to Cashiers Table)

- TransactionDate

- TotalAmount

**3. Transaction\_Items Table:**

- TransactionItemID (Primary Key)

- TransactionID (Foreign Key to Transactions Table)

- ProductID (Foreign Key to Inventory Table)

- Quantity

- Discount

**4. Cashiers Table:**

- CashierID (Primary Key)

- FirstName

- LastName

- Email

- DateSinceEmployee

**5. Discounts Table:**

- DiscountID (Primary Key)

- ProductID (Foreign Key to Inventory Table)

- ProductName

- DiscountName

- Percentage

**6. Returns Table:**

- ReturnID (Primary Key)

- ReturnItemID (Primary Key)

- OriginalTransactionID (Foreign Key to Transactions Table)

- ProductID (Foreign Key to Inventory Table)

- Quantity

- ReturnDate

- TotalRefundAmount

**7. Barcodes Table:**

- BarcodeID (Primary Key)

- ProductID (Foreign Key to Inventory Table)

- BarcodeValue

**8. DamagedItems Table:**

- DamageID (Primary Key)

- ProductID (Foreign Key to Inventory Table)

-Product Name

- Quantity

- DamageDate

**9. Debtors Table:**

- DebtorID (Primary Key)

- CustomerName

- AmountOwed

**10. CreditSales Table:**

- CreditSaleID (Primary Key)

- TransactionID (Foreign Key to Transactions Table)

- CustomerID (Foreign Key to Debtors Table)

- TimeLimit

**11. BadDebtVisualization Table:**

- BadDebtID (Primary Key)

- Quarter

- Amount