D**ATABASE DIAGRAM**

**Receipt\_ID**

BonusPointsEarned

BonusPointsEarnedReason

Created Date

DateScanned

FinishedDate

ModifyDate

PointsAwardedDate

PointsEarned

PurchaseDate

PurchasedItemCount

RewardsReceiptStatus

TotalSpent

UserID

**Barcode**

competitiveProduct

finalPrice

itemPrice

needsFetchReview

originalFinalPrice

partnerItemId

quantityPurchased

preventTargetGapPoints

rewardsGroup

userFlaggedNewItem

rewardsProductPartnerId

Receipt\_ID

Receipt

PurchaseItems

User

**UserID**

State

CreatedDate

LastLogin

Role

Active

Brand

**BrandID**

Barcode

BrandCode

Category

CategoryCode

CPG

TopBrand

Name

**Tables:**

Receipt table with Receipt\_ID as Primary key and User\_ID as foreign Key

PurchaseItems table with Barcode as Primary key and Receipt\_ID as foreign key

Brand Table as Brand\_ID as Primary Key and Barcode as Foreign Key

User Table with UserID as primary key

**Relations:**

One receipt can have multiple Items and each item may have one or multiple receipts

One Brand can have multiple barcodes and each barcode can have only one brand

One user can have multiple receipts and a receipt can have only one user