Receipts

	id	CHAR(30)
PK	id	CHAR(30)
	bonusPointsEarned	INT
	bonusPointsEarnedReason	VARCHAR(255)
	createDate	DATE
	dateScanned	DATE
	finishedDate	DATE
	modifyDate	DATE
	pointsAwardedDate	DATE
	pointsEarned	INT
	purchaseDate	DATE
	purchasedItemCount	INT
	rewardsReceiptStatus	VARCHAR(30)
	totalSpent	DECIMAL(8,2)
FK	userId	CHAR(30)

Users

	id	CHAR(30)
PK	id	CHAR(30)
	state	CHAR(30)
	createdDate	DATE
	lastLogin	DATE
	role	VARCHAR(30)
	active	BOOLEAN
	signUpSource	VARCHAR(30)

Rewards Receipt Items

	receiptId	CHAR(30)
FK	receiptId	CHAR(30)
FK	barcode	INT
	brandCode	VARCHAR(255)
	description	VARCHAR(255)
	discountedItemPrice	DECIMAL(8,2)
	finalPrice	DECIMAL(8,2)
	itemPrice	DECIMAL(8,2)
	needsFetchReview	BOOLEAN
	partnerItemId	INT
	preventTargetGapPoints	BOOLEAN
	quantityPurchased	INT

Brands

	id	CHAR(30)
PK	id	CHAR(30)
FK	barcode	INT
	brandCode	VARCHAR(100)
	category	VARCHAR(30)
	categoryCode	VARCHAR(100)
	cpg	VARCHAR(255)
	topBrand	BOOLEAN
	name	VARCHAR(255)

ER Diagram - Fetch Rewards

Receipts vs. Users (One-to-Many)
Each receipt belongs to one user; but each user may own many receipts.

Receipts vs. Items (One-to-Many)
Each receipt can have many rewards items; but the receipt item can only showed on one receipt.

Items vs. Brands (One-to-Many)
Each receipt item can have only one brand; but each brand can sell many items .