receipts			
PK	_id	VARCHAR	
	bonusPointsEarned	FLOAT	
	bonusPointsEarnedReason	VARCHAR	
	createDate	TIMESTAMP	
	dateScanned	TIMESTAMP	
	finishedDate	TIMESTAMP	
	modifyDate	TIMESTAMP	
	pointsAwardedDate	TIMESTAMP	
	pointsEarned	FLOAT	
	purchaseDate	TIMESTAMP	
	purchasedItemCount	INT	
	rewardsReceiptStatus	VARCHAR	
	totalSpent	FLOAT	
FK	userld	VARCHAR	

transactions					
PK (Surrogate)	_id	VARCHAR			
FK	receipt_id	VARCHAR			
FK	barcode	ARRAY <int></int>			
	discountedItemPrice	ARRAY <float></float>			
	finalPrice	ARRAY <float></float>			
	metabriteCampaignId	ARRAY <int></int>			
	originalReceiptItemText	ARRAY <varchar></varchar>			
	pointsNotAwardedReason	ARRAY <varchar></varchar>			
	needsFetchReview	ARRAY <boolean></boolean>			
	needsFetchReviewReaso	ARRAY <varchar></varchar>			
	pointsPayerId	ARRAY <varchar></varchar>			
	preventTargetGapPoints	ARRAY <varchar></varchar>			
	userFlaggedBarcode	ARRAY <int></int>			
	userFlaggedDescription	ARRAY <varchar></varchar>			
	userFlaggedNewItem	ARRAY <boolean></boolean>			
	userFlaggedPrice	ARRAY <float></float>			
	userFlaggedQuantity	ARRAY <int></int>			
	quantityPurchased	ARRAY <int></int>			

items			
PK	barcode	INT	
FK	brandCode	VARCHAR	
	description	VARCHAR	
	itemPrice	FLOAT	
	partnerItemId	INT	
	rewardsGroup	VARCHAR	
	rewardsProductPartnerId	VARCHAR	
	hrands		
	brands		
PK	brands id	VARCHAR	
PK	1	VARCHAR INT	
	_id		
	_id barcode	INT	
	_id barcode brandCode	INT VARCHAR	
	_id barcode brandCode category	INT VARCHAR VARCHAR	
PK AK1	_id barcode brandCode category categoryCode	INT VARCHAR VARCHAR VARCHAR	
	_id barcode brandCode category categoryCode cpg_id	INT VARCHAR VARCHAR VARCHAR VARCHAR	

		users	
+	PK	_id	VARCHAR
		state	VARCHAR
		createdDate	TIMESTAMP
		lastLogin	TIMESTAMP
		role	VARCHAR
		active	BOOLEAN