Discounts

FK/CPK	catalog_catalogId
	discount_priceOffPercent
CPK	discount_startDate
CPK	discount_endDate

Discounts are applied to a Catalog Irem

Descriptions

FK/CPK	catalog_catalogId
CPK	description_Text

Descriptions are applied to a Catalog Item

EOLItems

FK/CPK	catalog_catalogId
CPK	EOLItem_dateDiscontinued

A Catalog Item is marked EOL

Catalog

PK	catalog_catalogId
	catalog_itemName
	catalog_category
	catalog_currentPrice
	catalog_dateFirstAvailable
	catalog_numberInStock
	catalog_manufacturer

A Catalog Item is the purchased thing in a Transaction

Returns

FK/PK	transaction_transactionId
	return_dateReturned

Transactions can ultimately sent back as a Return

ShippingData

CPK/FK	transaction_transactionId
CPK	shippingDatum_trackingId
	shippingDatum_destinationAddress
	shippingDatum_shippingCost
	shippingDatum_shippingService
	shippingDatum_itemArrivedBool

A Transaction might have Shipping data associated with it, for packages.

Transactions

FK1	catalog_catalogId
FK2	account_accountId
PK	transaction_transactionId
	transaction_dateMade
	transaction_originalPriceAtTransaction
	transaction_currentAmountOwed
	transaction_currentAmountPayed
	transaction_transactionCompleteBool

Exchanges

FK1/PK	transaction_transactionId
FK2	exchange_idOfExchangedTransaction
	exchange_amountOwedAtExchange
	exchange_returnTrackingId

A Exchange trades one Transaction for another

An Account is the one making the purchase in a Transactions

Accounts

PK	account_accountId
	account_accountEmail
	account_userName
	account_phone

Warranties

PK	warranty_warranyId
FK	transaction_transactionId
	warranty_warrantyCost
	warranty_warrantyDate
	warranty_lengthInDays

A Transaction can have warranties applied to it

WarrantyClaims

FK/CPK	warranty_warranyId
CPK	warrantyClaim_claim

A Warranty can be Claimed

FinancialData

PK	financialDatum_financialId
FK	transaction_transactionId
	financialDatum_amountOwedAtPayment
	financialDatum_amountPayedAtPayment
	financialDatum_last4digitsOfCard
	financialDatum_billingAddress
	financialDatum_datePayed

FinancialData can be appended to the Transaction to record payment details

(0, N)   (D)   (0, N)   (2, 2)   (0, N)