

Functional Dependencies

Transaction:

Transaction ID -> credited_to
Transaction ID -> debited_from
Transaction ID -> amount

Wallet:

User -> balance

WalletTransaction:

TransactionID -> WalletUser
TransactionID -> time
TransactionID -> transactionType

Review:

ReviewID -> username
ReviewID -> reviewText
ReviewID -> time

DLC:

name -> age_rating
name -> timesBought

*DLCTags: *unable to remove autofield id. dlcid,tagid -> id violates BCNF*

ID->dlcid

ID->tagid

DLCReview:

reviewid->dlcname
reviewid->compatibility
reviewid->stars

Game:

name->ageRating
name->description
name->price
name->releaseDate
name->timesBought

GameDLC:

dlcid->gameid

*GameTags: *unable to remove autofield id*

id->gameID

id->>tagid

Item:

itemid->gameid

itemid->itemcondition

itemid->itemdescription

itemid->itemname

itemid->newitemprice

Inventory:

username->ispublic

username->game ids (many to many field , django handles the extra table)

username->items ids (many to many field , django handles the extra table)

Buyorder:

buyid->itemid

buyid->username

buyid->buyprice

buyid->listingdate

Sellorder:

sellid->itemid

sellid->username

sellid->sellingprice

sellid->listingdate

User:

Username -> date_joined

Username -> dob

Username -> email

Username -> first_name

Username -> last_name

Username -> password

Username -> recovery_email

Rest are django's auto generated fields