Carlos J. Donato Rivera
ICOM5016

Stephen Vélez
Group Project: ArtBay E-R Diagram

José Marín
Date Submitted: Oct 14, 2016

Purchases
- qty
  - shprice
  - company
- earnings
- shipping
- totalprice
- date

Auctions
- deadline
- maxbid
  - bidprice
  - uid (bidder)
- {bid}
- startingbid

Entities: Item, Purchases (diamond), User, CreditCard, Comission, UserReview, Auctions (diamond), ItemReview, Advertisement, ShoppingCart

Relationships / cardinalities:
- Item N — Purchases — 1 User
- User 1 — 1 UserReview (N)
- CreditCard 1 — N User
- Comission N
- Item 1, 1, N — Auctions
- CreditCard 1
- ShoppingCart N — 1 User

User

PK	uid
	uname
	ufirst
	ulast
	unickname
	uemail
	pwd
	uaddress
	ustreet
	ustrtnum
	ucity
	ustate
	uzip
	{ uphone }

Item

PK	iid
FK	uid
	iname
	price
	itype
	idescription
	icolor
	featured
	image
	dimensions

Auction

PK,FK1	iid
FK2	uid (seller)
	startingbid
	{bid}
	uid (bidder)
	bidprice
	maxbid
	deadline

Purchases

PK	pid
FK1	uid
FK2	iid
FK3	cid
	qty
	shipping
	shprice
	company
	earnings
	totalprice
	date

CreditCard

PK	cid
FK	uid
	cardname
	cardnum
	cardtype
	expdate

Advertisement

PK	aid
	entity
	adprice
	time
	addescription
	addimage
	link

Comission

FK	uid (petitioner)
FK	uid (artist)
	cdescription
	price
	deadline
	ctype

ItemReview

PK,FK1	iid
FK2	uid (reviewer)
	Comment
	Rating

ShoppingCart

FK1	uid
FK2	{iid}

UserReview

PK,FK1	uid (artist)
FK2	uid (reviewer)
	Rating
	Comment