CREATE TABLE Item (

itemID INT NOT NULL UNIQUE,

locationID INT,

name INT NOT NULL,

first\_bid DOUBLE NOT NULL,

number\_of\_bids INT NOT NULL,

currently DOUBLE NOT NULL,

started CHAR (255) NOT NULL,

ends CHAR (255) NOT NULL,

PRIMARY KEY (itemID),

FOREIGN KEY (locationID) REFERENCES Location (locationID)

);

CREATE TABLE Bid (

bidsID INT NOT NULL UNIQUE,

userID INT NOT NULL,

time CHAR (255) NOT NULL,

amount CHAR (255) NOT NULL,

itemID INT NOT NULL,

PRIMARY KEY (bidsID)

);

CREATE TABLE Bidder (

userID INT NOT NULL UNIQUE,

locationID INT,

countryID INT,

rating DOUBLE NOT NULL,

PRIMARY KEY (userID),

FOREIGN KEY (locationID) REFERENCES Location (locationID),

FOREIGN KEY (countryID) REFERENCES Country (countryID)

);

CREATE TABLE Seller (

userID INT NOT NULL UNIQUE,

locationID INT,

countryID INT,

rating DOUBLE NOT NULL,

PRIMARY KEY (userID),

FOREIGN KEY (locationID) REFERENCES Location (locationID),

FOREIGN KEY (countryID) REFERENCES Country (countryID)

);

CREATE TABLE Location (

locationID INT NOT NULL UNIQUE,

location CHAR(255) UNIQUE,

PRIMARY KEY (locationID)

);

CREATE TABLE Country (

countryID INT NOT NULL UNIQUE,

country CHAR(255) UNIQUE,

PRIMARY KEY (countryID)

);

CREATE TABLE LineItem (

categoryID INT NOT NULL,

itemID INT NOT NULL,

FOREIGN KEY (categoryID) REFERENCES Category (categoryID),

FOREIGN KEY (itemID) REFERENCES Item (itemID)

);

CREATE TABLE Category (

categoryID INT NOT NULL UNIQUE,

category CHAR(255) NOT NULL UNIQUE,

PRIMARY KEY (categoryID)

);

ER diagram

