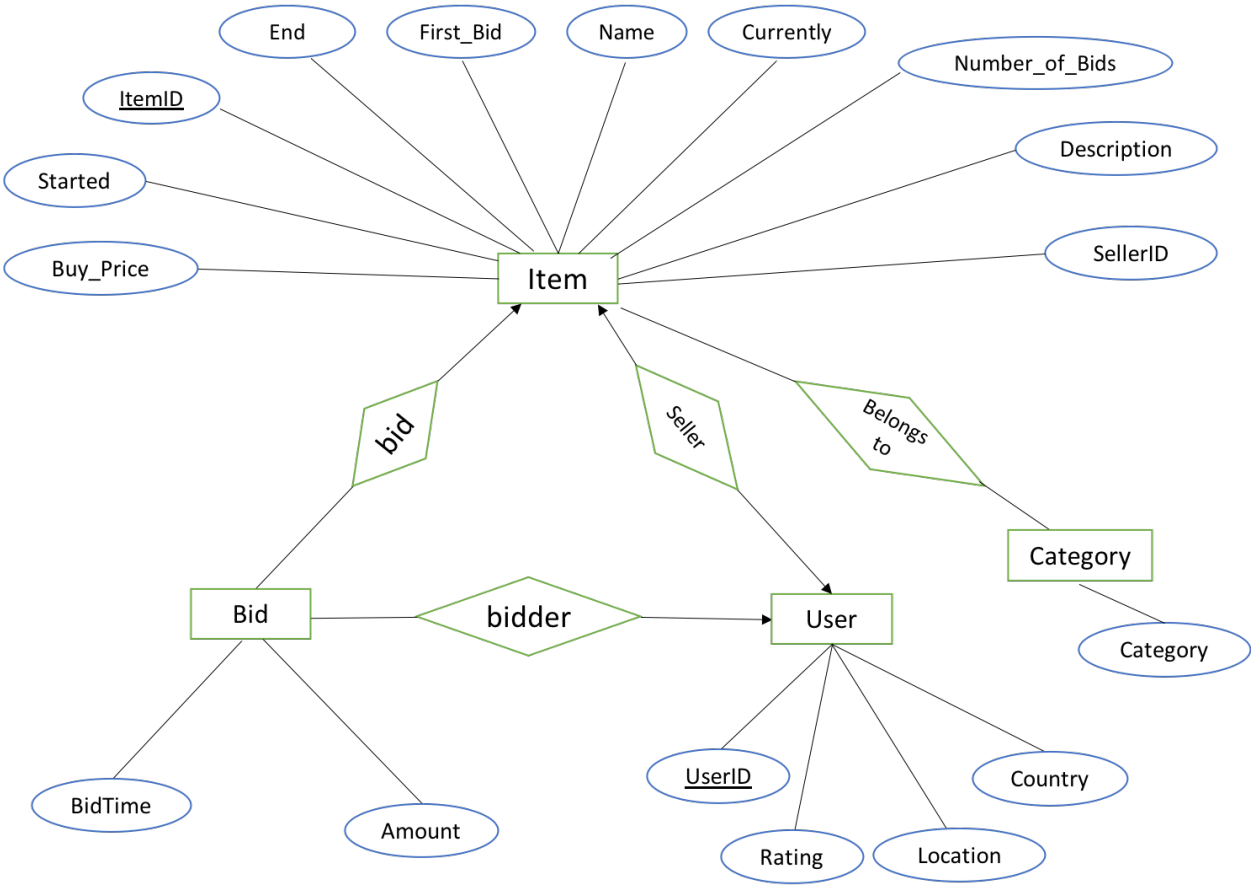
End
First_Bid
Name
Currently
Number_of_Bids
ItemID
Description
Started
SellerID
Buy_Price
Item
bid
Seller
Belongs to
Category
Bid
bidder
User
Category
BidTime
Amount
UserID
Country
Rating
Location

We defined the following four relations, for each relation, primary/foreign keys are indicated in the code below:

```
drop table if exists Item;
drop table if exists User;
drop table if exists Category;
drop table if exists Bid;

create table Item (
     ItemID INTEGER PRIMARY KEY,
     Name TEXT,
     Currently REAL,
     Buy_Price REAL,
     First_Bid REAL,
     Number_of_Bids INTEGER,
     Started TEXT,
     Ends TEXT,
     Description TEXT,
     SellerID TEXT,
     FOREIGN KEY (SellerID) REFERENCES User(UserID)
);

create table User (
     UserID TEXT PRIMARY KEY,
     Rating INTEGER,
     Location TEXT,
     Country TEXT
);

create table Category (
     ItemID INTEGER,
     Category TEXT,
     FOREIGN KEY (ItemID) REFERENCES Item(ItemID)
);

create table Bid (
     ItemID INTEGER,
     BidTime TEXT,
     Amount REAL,
     BidderID TEXT,
     FOREIGN KEY (ItemID) REFERENCES Item(ItemID),
     FOREIGN KEY (BidderID) REFERENCES User(UserID)
);
```