

Relation Schema:

- Person(UserID, Rating, Country, Location)
 - ◆ UserID is the primary key that identifies a person

- Item(ItemID, SellerID, Name, Category, Description, Buy_Price, Currently, First_Bid, Number_of_Bids, Started, Ends)
 - ◆ ItemID is the primary key that identifies an Item
 - ◆ SellerID is a foreign key that links to the UserID attribute of the Person table

- Bid(ItemID, BidderID, Amount, Time)
 - ◆ ItemID, UserID, and Amount is a primary key as a user can only bid a certain amount on a given item once. (The next bid will be greater)
 - ◆ ItemID is a foreign key that links to the ItemID of the Item table
 - ◆ BidderID is a foreign key that links to the UserID of the Person table

ER Diagram below:

