

Relational Scema:

Table 1:

Item (ItemID, SellerID, Name, Currently, Buy_Price, First_Bid, Number_Of_Bids, Started, Ends, Description)

Primary key – ItemID

Foreign keys – SellerID

Table 2:

Bid(ItemID, BuyerID, SellerID, Amount, Time)

Primary key – ItemID, BuyerID, Time

Foreign keys- ItemID, BuyerID, SellerID

Table 3:

User(UserID, Rating, Location, Country)

Primary key – UserID

Table 4:

Category(ItemID, CategoryName)

Primary key – CategoryName, ItemID

Foreign keys- ItemID

ER Diagram:

