

Relational Model

Item (ItemID, Name, Buy_Price, Currently, First_Bid, Number_of_Bids, Location, Country, Started, Ends, *UserID*, Description)

User (UserID, Rating, Location, Country)

Bids (ItemID, UserID, Bid_Time, Amount)

Categorization (ItemID, Category)

For the above relational model **bold** items are a table name, underlined items are primary keys, and items in *italics* are foreign keys. Users can place bids on items, and they can also sell items. Users can sell multiple items, but an item cannot be sold by multiple people. Users can place bids on multiple items. Items can have bids placed on them from multiple users. Items are from certain categories, and each item can be a part of multiple categories.

