Schema Design

* Items
  + ItemId INTEGER PRIMARY KEY
    - The ID number of the item up for auction
  + Name VARCHAR
    - The name of the item up for auction
  + CurrentBid MONEY
    - The amount of the current, most recent bid on an item (can be null)
  + BuyItNow MONEY
    - The amount of money someone can pay to buy it immediately, rather than bidding (can be null)
  + FirstBid MONEY
    - The minimum amount of money a person can start the bidding at
  + BidStartTime DATETIME
    - The date and time the item went up for auction (YYYY-MM-DD HH:MM:SS)
  + EndTime DATETIME
    - The date and time the item’s auction will end
  + SellerId VARCHAR FOREIGN KEY REFERENCES Users(UserId)
    - The UserId of the item’s seller
  + Description VARCHAR
    - A text description of the item
* Users
  + UserId VARCHAR PRIMARY KEY
    - The User ID of a seller or bidder
  + Rating INTEGER
    - A number rating for the user
  + Location VARCHAR
    - The location of the user (not consistent with any specific format)
  + Country VARCHAR
    - The country of the user
* Categories
  + ItemId INTEGER PRIMARY KEY, FOREIGN KEY REFERENCES Items(ItemId)
    - The item referred to by a category
  + Category VARCHAR PRIMARY KEY
    - The category an item belongs to
* Bids
  + ItemId INTEGER FOREIGN KEY REFERENCES Items(ItemId)
    - The item the bid applies to
  + UserId VARCHAR PRIMARY KEY, FOREIGN KEY REFERENCES Users(UserId)
    - The user who made the bid
  + BidTime DATETIME PRIMARY KEY
    - The date and time the bid was made
  + Amount MONEY
    - The amount of money on the bid

ER Diagram

