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