- **Relational schema definitions**

➢ BID (<u>BidID</u>, Amount, Time, **SellerID**, **BidderID**, **ItemID**)
  - ❏ BidID is the primary key of BID
  - ❏ SellerID and BidderID are foreign keys that both reference USER(UserID)
  - ❏ ItemID is a foreign key references ITEM(ItemID)

➢ USER (<u>UserID</u>, Rating, Location, Country)
  - ❏ UserID is the primary key of USER

➢ ITEM (<u>ItemID,</u> Name, Description, Buy_Price, First_Bid, Started, Ends, Currently, Number_of_Bids)
  - ❏ ItemID is the primary key of ITEM

➢ isCategoryOf (**<u>ItemID,</u>** <u>CategoryName</u>)
  - ❏ (ItemID, CategoryName) is the primary key of isCategoryOf
  - ❏ ItemID is a foreign key references ITEM(ItemID)

- **ERD**