

TABLE NAME: Items

ATTRIBUTES:

Item_ID CHAR(50) NOT NULL PRIMARY KEY,
Item_Name CHAR(50) NOT NULL,
Buy_Price REAL,
First_Bid REAL NOT NULL,
Currently REAL NOT NULL,
Number_of_Bids INTEGER NOT NULL,
Started CHAR(50) NOT NULL,
Ends CHAR(50) NOT NULL,
Description CHAR(5000)

TABLE NAME: Category

ATTRIBUTES:

Item_ID CHAR(50) NOT NULL,
Category_Name CHAR(50) NOT NULL,
PRIMARY KEY(Item_ID, Category_Name)

TABLE NAME: Seller

ATTRIBUTES:

Item_ID CHAR (50) NOT NULL,
User_ID CHAR(50) NOT NULL,
Rating INT NOT NULL,
Location CHAR(50),
Country CHAR(50),
FOREIGN KEY (Item_ID) REFERENCES Items(Item_ID),
PRIMARY KEY(Item_ID, User_ID)

TABLE NAME: Bidder

ATTRIBUTES:

Item_ID CHAR(50) NOT NULL,
User_ID CHAR(50) NOT NULL,
Rating INT NOT NULL,
Location CHAR(50),
Country CHAR(50),
Time CHAR(50),
Amount CHAR(50),
FOREIGN KEY (Item_ID) REFERENCES Items(Item_ID),
PRIMARY KEY (Item_ID, User_ID, Amount)

ER Diagram

