Luke Gerstner

CSC 261 Project 2 Part 1

WRITTEN SCHEMA

DROP TABLE if exists User;

DROP TABLE if exists Item;

DROP TABLE if exists Bid;

DROP TABLE if exists Category;

CREATE TABLE User(

       userID varchar(40) primary key NOT NULL,

       rating int,

       location varchar(100),

       country varchar(50)

);

CREATE TABLE Item(

       itemID int primary key NOT NULL,

       name varchar(100),

       currently float,

       buy_price float,

       first_bid date,

       started datetime,

       ends datetime,

       userID varchar(40),

       description varchar(1000),

       FOREIGN KEY (userID) REFERENCES User(userID)

);

```
CREATE TABLE Bid(

        itemID int NOT NULL,

        userID varchar(40),

        time datetime,

        amount float,

        CONSTRAINT PK_Bid PRIMARY KEY (itemID, userID, time),

        FOREIGN KEY (itemID) REFERENCES Item(itemID),

        FOREIGN KEY (userID) REFERENCES User(userID)

);


CREATE TABLE Category(

        itemID int,

        category varchar(50),

        CONSTRAINT PK_Category PRIMARY KEY (itemID, category),

        FOREIGN KEY (itemID) REFERENCES Item(itemID)

);
```

ER DIAGRAM