

```
DROP TABLE IF EXISTS Users;
DROP TABLE IF EXISTS Items;
DROP TABLE IF EXISTS Categories;
DROP TABLE IF EXISTS Item_Category;
DROP TABLE IF EXISTS Item_Seller;
DROP TABLE IF EXISTS Bid;
```

```
CREATE TABLE Users
(
```

```
UserID varchar(1000),
Rating int,
Location varchar(1000),
Country varchar(200),
PRIMARY KEY (UserID)
```

```
);
```

```
CREATE TABLE Categories
(
```

```
Category varchar(1000),
PRIMARY KEY (Category)
```

```
);
```

```
CREATE TABLE Items
(
```

```
ItemID int,
Name varchar(1000),
Started timestamp,
Ends timestamp,
Currently float,
First_Bid float,
Buy_Price float,
Number_of_Bids int,
Description text,
PRIMARY KEY (ItemID)
```

```
);
```

```
CREATE TABLE Item_Category
(
```

```
ItemID int,
Category varchar(1000),
PRIMARY KEY (ItemID, Category),
FOREIGN KEY (ItemID) REFERENCES Items(ItemID),
FOREIGN KEY (Category) REFERENCES Categories(Category)
```

```
);
```

```
CREATE TABLE Item_Seller
```

```
(  
  
ItemID int,  
SellerID varchar(1000),  
PRIMARY KEY(ItemID),  
FOREIGN KEY (ItemID) REFERENCES Items(ItemID),  
FOREIGN KEY (SellerID) REFERENCES Users(UserID)
```

```
);
```

```
CREATE TABLE Bid
```

```
(  
  
BidderID varchar(1000),  
ItemID int,  
Time timestamp,  
Amount float,  
PRIMARY KEY (BidderID, ItemID, Time, Amount),  
FOREIGN KEY (BidderID) REFERENCES Users(UserID),  
FOREIGN KEY (ItemID) REFERENCES Items(ItemID)  
);
```

