Relational Schema Definitions

```
create table catItem (
catName text,
ItemID integer,
primary key ( catName, ItemID )
foreign key ( catName ) references item( ItemID ),
foreign key ( ItemID ) references category( catName )
);

create table category (
catName text primary key
);

create table user (
UserID text primary key,
Rating integer,
Location text,
Country text
);

create table bid (
ItemID integer,
UserID text,
Time text,
Amount real,
primary key ( ItemID, UserID, Time ),
foreign key ( ItemID ) references item( ItemID ),
foreign key ( UserID ) references user( UserID )
);

create table sell (
ItemID integer primary key,
UserID text,
foreign key ( UserID ) references user( UserID )
);

create table item (
ItemID integer primary key,
Name text,
Started text,
Ends text,
Number_of_Bids integer,
First_Bid real,
Currently real,
Buy_Price real,
Description text
);
```

Entity-Relation Diagram