CREATE TABLE item (

itemID INT NOT NULL UNIQUE,

name INT NOT NULL,

buy\_price DOUBLE,

first\_bid DOUBLE NOT NULL,

number\_of\_bids INT NOT NULL,

currently DOUBLE NOT NULL,

started CHAR (255) NOT NULL,

ends CHAR (255) NOT NULL,

PRIMARY KEY (itemID),

FOREIGH KEY (locationID) REFERENCE location (locationID)

);

CREATE TABLE bids (

bidsID INT NOT NULL UNIQUE,

userID INT NOT NULL UNIQUE,

time CHAR (255) NOT NULL,

amount CHAR (255) NOT NULL,

PRIMARY KEY (bidsID)

);

CREATE TABLE user (

userID INT NOT NULL UNIQUE,

locationID INT,

countryID INT,

ratingID INT NOT NULL,

bidsID INT NOT NULL,

PRIMARY KEY (userID)

FOREIGN KEY (locationID) REFERENCE location (locationID),

FOREIGN KEY (countryID) REFERENCE country (countryID),

FOREIGN KEY (ratingID) REFERENCE rating (ratingID),

);

CREATE TABLE location (

locationID INT NOT NULL UNIQUE,

countryID INT NOT NULL,

location CHAR(255) NOT NULL UNIQUE,

PRIMARY KEY (locationID),

FOREIGN KEY (countryID) REFERENCE country (countryID)

);

CREATE TABLE country (

countryID INT NOT NULL UNIQUE,

country CHAR(255) NOT NULL UNIQUE,

PRIMARY KEY (countryID)

);

CREATE TABLE rating (

ratingID INT NOT NULL UNIQUE,

rating CHAR(255) NOT NULL UNIQUE,

PRIMARY KEY (ratingID)

);

CREATE TABLE lineItem (

categoryID INT NOT NULL UNIQUE,

itemID INT NOT NULL UNIQUE,

FOREIGN KEY (categoryID) REFERENCE category (categoryID),

FOREIGH KEY (itemID) REFERENCE item(itemID)

);

CREATE TABLE category (

categoryID INT NOT NULL UNIQUE,

category CHAR(255) NOT NULL UNIQUE,

PRIMARY KEY (categoryID)

);

Diagram

Description automatically generated