



End-User(

username varchar(15) primary key,
name varchar(25),
email email,
password varchar(10);
isStaff boolean,
isAdministrative boolean,
isBuyer boolean

);

SetsAlert(

alert_id int primary key,
username varchar(15),
category varchar(255),
subcategory varchar(255),
specifications varchar(255),
minimumprice real,
maximumprice real,
foreign key (username) references Enduser,

);

SellsProduct(

aid int primary key,
username varchar(15),
minimumprice real,
amount real,
bidincrement real,
enddate date,
endtime time,
category varchar(255),
subcategory varchar(255),
specifications varchar(255)

);

BidHistory (

username varchar(15),
aid int,
datetime datetime,
amount real
primary key (username, aid, datetime),
foreign key (username) reference EndUser,
foreign key (aid) references Product

);

AuctionHistory(

username varchar(15),
aid int,
iswinner boolean,
isSeller boolean,
primary key (username, aid),
foreign key (username) references EndUser,
foreign key (aid) references Product

);