*-- Tables*

**CREATE** **TABLE** Administrative user (

UserName **varchar**(250)unsigned **NOT** **NULL**,

FirstName **varchar**(250) **NOT** **NULL**,

LirstName **varchar**(250) **NOT** **NULL** ,

Password **varchar**(250) **NOT NULL**,

Position **varchar**(250) **NOT NULL**

**PRIMARY** **KEY** (UserName),

**UNIQUE** **KEY** Password (Password)

);

**CREATE** **TABLE** Regularuser (

UserName **varchar**(250) **NOT** **NULL**,

FirstName **varchar**(250) **NOT** **NULL**,

LirstName **varchar**(250) **NOT** **NULL** ,

Password **varchar**(250) **NOT NULL**

**PRIMARY** **KEY** (UserName),

**UNIQUE** **KEY** Password (Password)

);

**CREATE** **TABLE** Item (

ItemID **varchar(250)** **NOT** **NULL** AUTO\_INCREMENT,

ItemName **varchar**(250) **NOT** **NULL**,

ItemDescription **date** **NOT** **NULL**,

Condition **varchar**(250) **NOT** **NULL**,

Returnable **varchar**(250) **NOT** **NULL**,

StartingBId **varchar**(250) **NOT** **NULL**,

MinimumSalePrice **varchar**(250) **NOT** **NULL,**

GetItNowPrice **varchar**(250) **NOT** **NULL,**

UserName **varchar**(250) **NOT** **NULL**,

**PRIMARY** **KEY** (ItemID, UserName),

**UNIQUE** **KEY** ItemName (ItemName)

);

**CREATE** **TABLE** Bid (

BidID **varchar**(250) **NOT** **NULL**,

ItemID **varchar(250)** **NOT** **NULL** AUTO\_INCREMENT,

UserName **varchar**(250) **NOT** **NULL**,

TimeofBId **varchar**(250) **NOT** **NULL,**

BidAmount **varchar**(250) **NOT** **NULL**

**PRIMARY** **KEY** (BidID, ItemID, UserName),

);

**CREATE** **TABLE** Rating (

RatingID **varchar**(250) **NOT** **NULL**,

ItemID **varchar(250)** **NOT** **NULL** AUTO\_INCREMENT,

Comments **varchar(250)** **NULL**,

RatingDateTime **varchar**(250) **NULL**,

Star **int**(10) **NULL**

**PRIMARY** **KEY** (RatingID, ItemID),

);

**CREATE** **TABLE** Auction (

AuctionID **varchar**(250) **NOT** **NULL**,

ItemID **varchar(250)** **NOT** **NULL** AUTO\_INCREMENT,

AuctionEndTime **varchar(250)** **NOT** **NULL**

WinnerUserName **varchar(250)** **NOT** **NULL**

FinalSalePrice **varchar(250)** **NULL**

CancelledUserName **varchar(250)** **NOT** **NULL**

CancelledReason **varchar(250)** **NULL**

interest **varchar**(250) **NOT** **NULL**,

**PRIMARY** **KEY** (AuctionID, ItemID, WinnerUserName, CancelledUserName)

);

**CREATE** **TABLE** Category(

CategoryName **varchar**(250) **NOT** **NULL**,

ItemID **varchar**(250) **NOT** **NULL**,

AdminUserName **varchar**(50) **NOT** **NULL**,

**PRIMARY** **KEY** (CategoryName, ItemID ,AdminUserName),

);