Project
"Humba Hutt!!"

Members

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Project

"Humba Hutt!!"

Proposed System

Today the world is going towards the future in a good speed. And our daily life and lifestyle is changing continuously. Internet and online based systems are playing a vital role behind this change. Because of this online base system our day to day tasks and works are becoming very easy day by day.

On the other hand in the last two years we are suffering because of a pandemic situation. And because of this, people are having troubles. No one can come closer. No one can communicate with each other physically.

Online based system are playing a sensationally important role here.They are not just only helping us to make our life easier, also it they are helping to come closer virtually in this pandemic situation. Right now everything that we usually need have an online version. Starting from the school/college regular class to grocery shopping all have an online version like online class and online shopping. Because people can't do anything like this in this situation physically.

At the time of "Qurbani Eid" Muslim people sacrifices animals. Usually at normal time before this pandemic people used to go to "Hatt" (bazar) so that they can choose and buy animal for their "qurbani".But since this is a hard situation and a lot of people feels uncomfortable going to a huge gathering in the "gorur hatt".Online hutt is a very good idea for them.

This **"Humba Hutt!!"**system is intended for implementing a system where people can easily buy and sell animals like cows or goats. In this system people don't need to take the hassle of going to hatt and spend a whole day there. In this system the seller also don't need to visit the cities and towns to sell their animals. They can buy or sell from their home with the help of online based system. So this is our system Idea about a "Virtual Gorur Hatt".

There are some Benefits-

- No hassle for the Sellers(বেপারী). Because usually they need to go to different cities and towns to sell their animals. And sometimes after travelling from one city to another city they can't sell their animals. As a result they face a huge loss sometimes. If the sellers use our online based system then they don't need to go to any kind of hatt.They can stay home and sell their animals by our system.
- Sometimes in the normal hatt sellers can't make the profit and sometime they faces big losses because there is no fixed price in the hatt. People came and bargain with the

sellers, if both the buyers and sellers agreed only then they can sell the animals. But In our system the prize level is standard and sellers can make profit from this.

- **No hassle for the animals.** Because usually sellers put the animals into different trucks and then they travel and visit the cities. Sellers run from one hatt to another for a good price but in the meantime some animals become weak. And sometime they die. And this is totally unexpected for all of us. If the use this our online system then they don't need to move their animals from their farm before selling them. So they will save the cost of moving the animals to a hatt.

- **No hassle for the buyers.** Because,Sometimes people feels uncomfortable and hassle to go to any hatt because they face mass gathering, large number of bargaining, transportation problems and a lot of other different problems. If they Use "Hamba hatt!!" then they don't need to face all of this problems. They can see, check, order, make payment and have the animal in his home very easily. They can do this by staying in the house.
- Buyers usually went from one hatt to another in search of healthy and good animals. But sometimes they can't find the quality they wants. If they use our system then they will choose animals for themselves according to their taste and budget. If anyone want to buy a small animal then he just simply needs to set his/her budget and from that filtered list he/she can choose one. This is as simple as this.

System Features

1. ## বেপারী (Seller):

   - First of all a Seller can register himself/herself as a dedicated seller in the system.
     (It means he/she will use this system to sell his/her domestic animals)
   - After being registered, a dedicated seller can log in to the system by using his/her unique User ID and Password.
   - After Logging into the system Seller can add his/her Domestic Animals (Cow or Goat) to the list of the system so that a genuine buyer can see that.
   - Seller can give the details of their animals such as,

     - Cow Code.
     - Height.
     - Weight.
     - Color.
     - Type. (জাত).
     - Teeth Number.
     - Asking Price.
     - Delivery Time.

   - Seller can add as many animals as they want to add in the system.
   - Seller can update the details of the animals. (It means if he/she wants to change the asking price or Weight)
   - Seller can Delete/Erase any of his animal from the list of the system.(It means buyer can move his/her animal from the list if he/she wants)
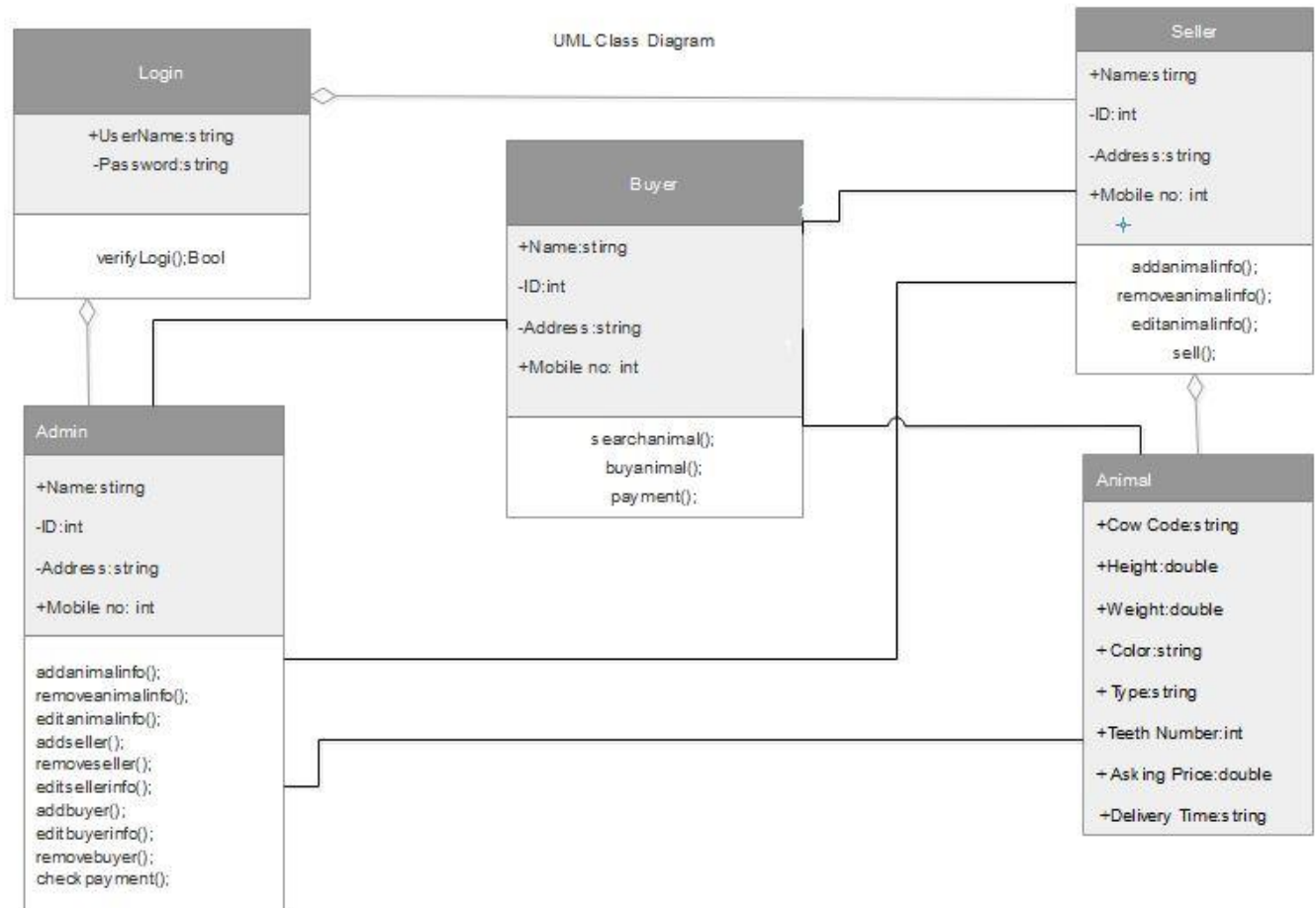
2.সাধারনক্রেতা (Buyer):

   - First of all a Buyer can register himself/herself as a genuine buyer in the system.
   - After being registered, Buyer can log in to the system by using his/her unique User ID and Password.
   - After Logging into the system buyer can see the list of Cows or Goats.(It is the list where sellers add their animals with details and asking price)
   - From that List Buyer can Filter Animal list according to his/her budget, or animal color.
   - After selecting an animal buyer can contact with the seller so that he/she better understand about the specific selected item/animal.
   - Buyer can confirm purchase and pay (by using to the system).
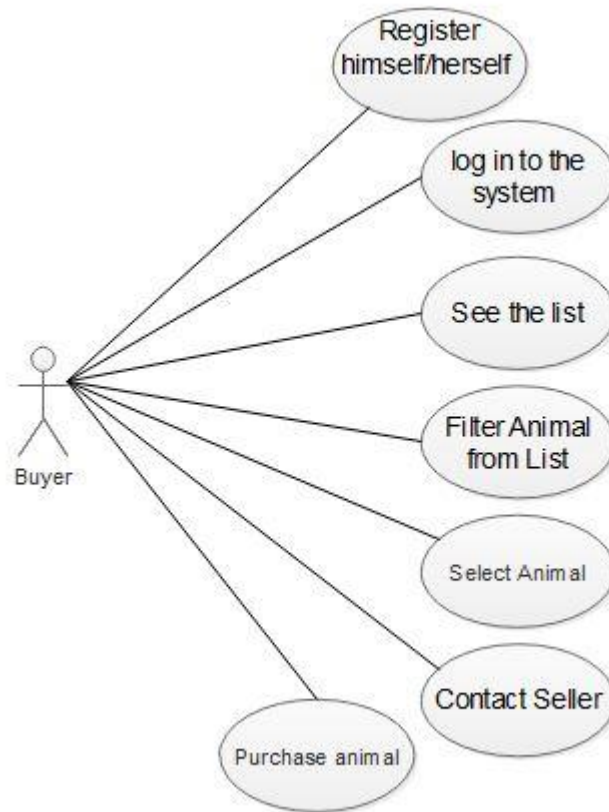
3.Admin (System Manager) :

- Admin can Login to the system by using his/her unique ID and Password.
- Admin can register another admin to the system.
- Admin can access the information of the Buyer.
- Admin can also access the details of the Seller, and Animals details given by the Seller.
- Admin can edit information's.
- Admin can also delete any Animals from the list.
- Admin can remove any registered buyer or seller from the system.
- At the time of the payment admin will collect the money from the buyer and calculate his/her systems commission and give the rest of money to the seller.
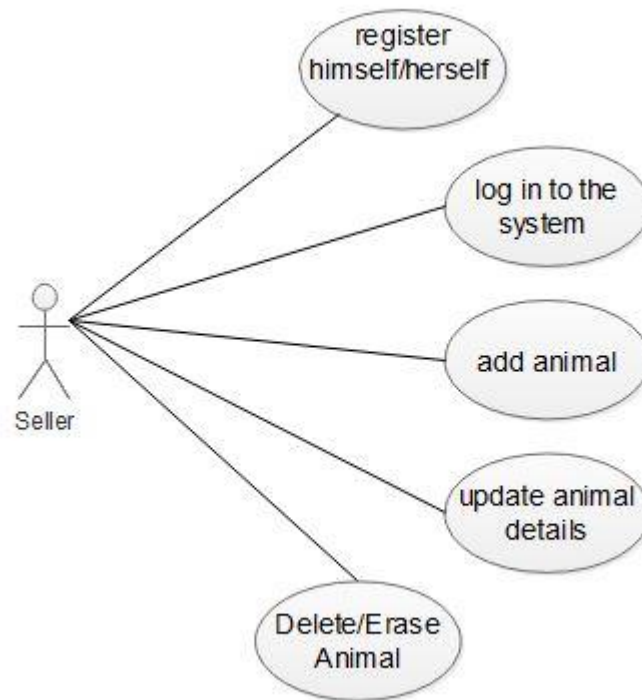
UML Class Diagram:

UML Class Diagram

Login
+UserName:string
-Password:string

verifyLogi();Bool

Seller
+Name:string
-ID: int
-Address:string
+Mobile no: int

addanimalinfo();
removeanimalinfo();
editanimalinfo();
sell();

Buyer
+Name:string
-ID:int
-Address :string
+Mobile no: int

searchanimal();
buyanimal();
payment();

Admin
+Name:string
-ID:int
-Address:string
+Mobile no: int

addanimalinfo();
removeanimalinfo();
editanimalinfo();
addseller();
removeseller();
editsellerinfo();
addbuyer();
editbuyerinfo();
removebuyer();
check payment();

Animal
+Cow Code:string
+Height:double
+Weight:double
+Color:string
+ Type:string
+Teeth Number:int
+ Asking Price:double
+Delivery Time:string

UML Use Case Diagram:

Buyer

Seller

Admin