

AUCTION SYSTEM

¹Abhusa Waghmare, ²Sumayla Khan.

¹B.E Student, ²B.E Student.

¹²³Computer Science and Engineering,

¹²³Anjuman College of Engineering and Technology, Nagpur, India.

Abstract: This paper presents a system based on auction depicting the best platform to raise an auction for any type of service or goods. A process in which goods are bought and sold or services are offered for a bid where the highest bid is given the highest priority is called auction. The system where users can register and those users can view or place bids and buy the required items in the auction. This system will help the user to get detail of every item which is in auction by just a click.

This Online Auction System has overall Five modules named as Seller, Buyer, Product, Technology, Type. Seller Module consists of seller's personal details, banking details and history . Buyer Module contains the same information that is personal details, history, banking details. Product Module has two sub-modules named as type of product which can be fixed or movable, movable type of product will contain delivery information. Another sub module is Information which will provide highlights about the product through text and images. Technology Module will maintain all the technical specifications such as Database, Vision, Payment, Authentication, Scoreboard, Dashboard, Statistics , Live UI. Type Module has three sub-modules which are Offline and Online. Offline sub-module will help in getting the approx entries for an event, that can be done by people selecting an option that they are interested . Online sub-module consists of timeline and real-time which maintains auto update UI and live connector.

Online multiproduct auctioning platform is proficient when there is a need for acquiring a service to fulfill the requirements in an efficient manner , they can look for that service or item on this platform and those capable of providing this services will bid for that purpose ,suitable bid amongst them will be selected. This System can be used for transportation purpose, on college level, by free lancers, Online bartering ,etc.

I. INTRODUCTION

One pathway to sell and buy merchandise is by means of auction. This method is used when seller don't know the exact price to place for an item and the buyer's are also not aware of the price of an item . Earlier offline auction system was in fashion where people have to be present at the venue on mentioned date and time , otherwise they will be prohibited from taking part in that auction. Mainly auction can be derived as a process of sale for goods or property where people raise higher and higher bids and eventually the highest bid is selected which is popularly known as English auction. This is a web-portal where people can raise an auction, place bids for an item they are interested in , get the information about the seller and buyer, generate all the details about concerned auction . Users need to place their bid in a given time interval or there might be a possibility that the seller may extend the time interval. The reach of internet has extended which allows people can fulfill their requirements , buyers try to quote the highest bidding price and finally the final highest price will be chosen . This system is different in its functionality as it will not only focus on one prior item or good but will have its focus distributed on raising an auction for any transport service, using it on school level for buying and selling any type of item , free lancers website that provide solutions to all the problems that arise in the form of an auction.

LITERATURE REVIEW

2.1 Existing System

- Existing system was actually manual and all the whereabouts were conveyed through news or media which was quite inconvenient for some people who were not regular viewers.
- People who wish to participate in the auction have to be present at the place where auction is taking place and this was a quiet disappointment for people from other places.
- Users coming from various set of requirements were not able to raise an auction for distributive purposes in one system.

2.2 Disadvantages of Existing System

- Humans cannot be accurate all the time when it comes to managing chunk of information and they are prone to make errors and display inconsistencies in their work.
- If auctions are managed manually, time consumption and searching for a record are of main concern since that individual has to go through each and every record .
- Security is at stake in case of manual storage means , drawers, shelves or cupboards are used for this purpose which may lead to loss of data.
- Existing system focusing on only one means will require an user to access different auctioning platforms for different purposes.

2.3 SUMMARY

For The Project ‘Auction System’, we are using ASP.net , PHP, MySQL to develop our application. Asp.net is an open source which is very useful when it concerns with the web development. ASP.NET is created by Microsoft which is an server-side web application framework. IT is beneficial to develop a website since it supports the major factors such as high speed, low cost, and vast language support. It does not need high setup and configuration like other web development platforms. The code is translated into object code , then executed which means that applications are compiled , it is compiled once and after this compilation the code can be executed as many times as you want by the .net platform. Interpreted code is not the one which can be directly executed by the machine but must be interpreted each time. Examples of interpreted code are PHP, JavaScript and Ruby. Simple text editor can be used for writing ASP.NET code , various free programming text editors and Microsoft’s visual studio application also serves the same purpose. Mostly Microsoft IIS(internet information server) is used by ASP.NET applications.

PROPOSED WORK

3.1 Problem Definition

This site stands as AAA that is Anyone Anytime Anywhere That what it really is? The Auction system is the online auction house so the seller or bidder doesn’t need to go anywhere, instead they can take a part in the auction just sitting in the comfort of their house, be it during the day or night. The proposed “ Auction System” site has made product auction process simple. The only pre-condition is that the user must register and authenticate before He /She can take part in the bidding process. An auction house need to have products to auction, so in the proposed system it is done using products registration, Here one can see the details and information related to any particular product. In this system the admin or the user can add the products and categorize them.

3.2 Need for System

In this system one cannot see the personal details of other. This system consist of a chat box through which one can send messages to any individual or the group of people. Other site does not provide the comparison of price but in this site we are able to compare the price of particular product with other site. As this is an online website so the user and buyer need not to go anywhere. This system maintain proper privacy of users. Other sites does not hold any responsibility related to transaction. In this system the users are able to see the success story, they are also able to explore the products of their interest and they can post any products in this site. hence this site is far advantageous than any other site.

3.3 Proposed Work

This project consists of five modules.

- Seller
- Buyer
- Product
- Technology
- Type

1. Product module

The product module consists of two entities, first one is Type of product in which there are two types Fix type and Movable type. In fix type product is not movable. The real state auction is the best example and in Movable the products raised for auction are movable. This type also adds delivery process in its list. And the transactions related to delivery will be handled by payment sub-module. Second one is information the information sub module will provide and maintain information about the product through text, videos and images. We can see the details about the products through video and information related to products through images.

2. Technology module

Data base, live UI, scoreboard, statistics, image viewer etc. Database is a collection of data it creates, stores, modifies and manages the data. Live UI enables runtime editing, through live UI it is possible to publish and display records. Scoreboard will manage the bids and contain the list bidders . Statistics will collect and analyze the bidder prices and maintain the data with the comparison. Image viewer stores the image of product and it will manage and display the images. Through payment all the transactions of products are managed and it will also maintain the banking details of users.

3. Type module

Auction is classified into to main types Online and Offline. Online also have two type first one is timeline in which the list of important events of auction is present and Real time it will manage auto update UI through this live connecter will connect buyer and seller and live interaction for trustworthy transaction will also happen and in Offline invitation for offline auction will be sent and the acceptance of this invitation will be noted.

CONCLUSION

Hence, we have proposed an Auction system for any type of service or goods. It will help in accomplishing service such as transporting goods from one place to other or to help other students by selling all the things that have served their purpose and will be useful for other students or to sell the household items which may not be useful for some but to others it will be of great use.