

Online Auction System

¹S.Nivetha and ²B.Suchitra,

¹Student, ²Assistant Professor,

^{1,2}Information Technology Department, Sri Krishna Arts and Science College, Coimbatore, India

Abstract: Online Auction is known by different names, including electronic reverse bid auction, reverse auctions or simple E-Auction. Online auction is a group which is based for auction. anyone can sell something by auction on that website. The main of the online auction process must be to obtain best value and the higher price. It cannot be possible to achieve best value result at the same time the focus remains on amount. There are two categories of person one is customer and the second one is vendor. Vendor can sell their artifact on this website and customer will purchase it. Artifact will be given to that buyer who put a higher bidding price on the artifacts to purchase. After completion of bidding action all the bids are check and the artifacts will give to the buyer to purchase who has a high bidding amount. This Project conveys it will be very beneficial for the new users in online auction system. Buyer have more additional gratification in this project.

Keywords: *Artifact, Bidding, Transaction, Selling, Auction*

I. INTRODUCTION

An Online Auction System is an auction which is held over the online network. Online auctions originate in many different formats, but most regularly they are arise english auctions, or sometimes even a merge of multiple auctions. The scope and reach of these auctions have been send forth by the online network to a level beyond what the basic attendant had expected. This is mainly because online auctions clear up and remove the physical restriction of historic auctions in the way that geography, presence, time, space, and a small target on lookers. This arrival in reach ability has also made it easier to commit unlawful actions. In 2002, online auctions were predicted to account for 30% of all online e-commerce due to the rapid growth of the popularity of the form of electronic dealing.[2]

II. LITERATURE VIEW

The Article Bidding Behavior in Descending and Ascending Auction says Customer may be motivated by different goals eg., thrill versus prudence. They reported two studies on how these inspiration and cognitive factors influences bids in ascending and descending auctions. Mostly ascending and descending auctions may give incentive to thrill only. But these two auctions realized different average amount for the same items set. The descending auction is average bidders. The ascending auction is wait to long time, produce lower bid for an artifact.[1]

III. EXISTING SYSTEM

The real "AUCTION" is handled manually. Prior to each auction, the day of auction, the venue and the artifact on auction are reported through news media. Those who wish to take part in the auction have to arrive at the location on that day on time. This standard method most of the times prevent aspiring bidders co-operate in the bidding action. Another frustration of the old system is to track each bidding process and to make it culminate in banking deal. So the system has to keep the document of both customer and vendor until the end of settlement. The action is very clunker and time consuming.

IV. PROPOSED SYSTEM

The phrase of the new spot is AAA, 'Anybody, Anytime, Anywhere'. The online auction house the seller or bidder doesn't need to go everywhere, on behalf of that they can take part in the auction just sitting in the comfort of their place. The proposed computerized online auction site has made auction process simple. The 5 pre-condition is that the user must registry and authenticate before their can take part in the bidding process. An auction house needs to have an artifact to auction, so in the proposed system this is over using product registration module. The module is open to user who is registered as seller and they need to validate before they register any artifact. The system check the closing date by counting 14 days to the last date there by restricting the bidding process to go on indefinitely. Anyone can sight the examination of any particular artifact and also the bidding record. The buyer can bid on that item by entering any amount greater than or equal to the additional bid amount. Here also system control to see whether the user has his credential verified alternatively it will be supervised to the home page. The last but the undermost module is the "Web Administrator". This module is only open to the web admin due to safeness. In this module the administrator can add artifact categories this is to avoid rampant creation of grade. The second thing is the benefit to edit any given artifact. This will be essential when some of the details of the artifact need to be modify for one reason or other. The third and last the closed bid controller where the admin notifies both the customer and vendor the need to complete the transaction. There is one more module which runs more or less like background development. The function of the module is to close bid of those artifact whose closing date is less than the present date. The process is automatic and hidden from the web shopper.

V. MODULES

Home Page - The site opens up door to eager beaver web users through the Home page. The Home page is created in such way that the formation is as user friendly as possible. There is a navigational menu at the top of the page which links to assorted pages. There is a division drop down on the left side for easy manipulation. The center area is for displaying latest artifact in the sequential order.

Login/User Registration - Those who pleasure to take part in bidding or sell artifact at the site have to register as vendor or customer. Only authenticated users can do selling or in bidding. The system naturally decline unauthenticated users who try to bid or sell at the site.

Register Artifact - This module is for presenting artifact for bidding. Only those who have enrolled and authenticated as sellers can place their artifact for bidding. The Module collects information like Product Name, Details, Starting Bid amount, Incremental value etc.

Bidding Module - The module is for bidding on any preferred artifact. The bidder has to validate before perform in bidding. The systems investigate whether the amount entered by the bidder is equal or more than the additional minimum set during the product registration hour. The systems spot the evidences in the bid antiquity against the bidder details.

My Auction - This page is an intermix for both customer and vendor. Buyer can see the profile of the bidding history of artifact. Similarly the seller can see the progress of bidding on artifact their has placed for bidding.

Feedback - The target of the page is to convey the Messages and comments to the web administrator.

FAQ - This page is meant for basic shopper of the site. The page contains answers to questions which are common and frequently asked.

Web Admin - This link opens to the web authority only. Here site controller can count the artifact categories and can edit artifact information This module is for connect the customer and vendor by email notify them to settle the transaction within a time frame.

VI. DATA FLOW DIAGRAM

Figure 1 explains about the data flow diagram where the online auction is organized. Firstly the user can view the categories, and log in/register their belonging as vendor or customer. When the login / register page is in inaccuracy, it will reach to home page.

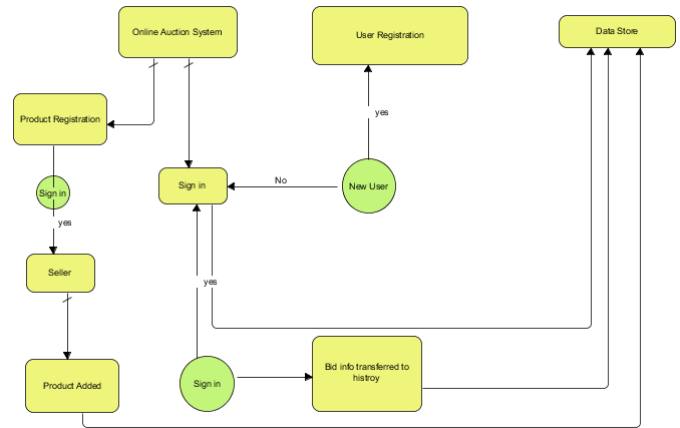


Figure 1: Data Flow Diagram of Online Auction System

CONCLUSION

The new system has been developed with concern that it is free of mistake and at the same time dynamic and less time consuming. System is robust. Also precaution is provided for forthcoming developments in the system. The refined system is elastic and changes can be made comfortably. The system is developed with a vision into the necessary changes that may be prescribed in the future. Hence the system can be carry on successfully without much rework. There also can be a benefit for grade vendors. Online settlement can be include in future into the system.

References

- [1] Amar cheema, Dipankar Chakravarti, Atanu R Sinha
- [2] www.wikipedia.com
- [3] FredBarwell, Richard Blair, (2004)' Professional Vb.Net 2nd Edition', Wrox Press Ltd.
- [4] www.auction.indiatimes.com
- [5] www.ebay.com
- [6] www.msdn.com