



Online Auction System

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Abstract: online auction system is a one type of web application that helps people to buy and sell the products by attending online sessions. These system holds various types of products on website for sellers and bidders. Thus system allow users to set up there products for selling and bidder are comes with high amount to bid for the products. These is very easy and most useful way to sell and purchase the various products. All the unique types of products are available on these website which are not available locally.

Keywords: Admin, bidder, seller.

I. INTRODUCTION

These systems allow users from all over the world to bid for various products which are available for selling. there are most of the market places which gives opportunity for to buy and sell the products by online auction system by any time any where.It provides more products to people with ranging and with a great efficiency as compare to various offline market.

There are two types of persons that is customer and vendor and another one is Admin which plays very important role in these system.no one seller or buyer comes or register in these website without taking permission of Admin. Vendor plays role to set up their products for sell. Product will given to those buyers who comes with high amount of bid. Before buying that particular product buyer takes detail information about those products that communication is very confidential.

II. LITERATURE SURVEY

The Auction system has become very popular and it has been recorded as early as 500 B.C. with the help of Internet it has become very convenient to use .because of the Internet facility it becomes very useful for peoples who belonging from various country The first web based application of auction system comes early in the 1995,which was developed by Japanses company Aucnet which started with automobile transactions.

Auction system is available for various market institute with an explicit by setting different rules and determine resources with their price or amount for the purpose of bidding. There are six basic types of online auctions: English auction, Dutch auction, First-price sealed bid, Vickrey auction, Reverse auction, Bidding fee auction.

III. PROPOSED SYSTEM

a. Homepage:

Homepage includes all the basic points related to our project and that all sub-points all linked to homepage such as Login page, Registration Page, bidder Login, Seller Login ,Admin Page ,Add Product for Auction, view Auction Product Page, Auction Product detailed page.

b. Registration Page:

Registration form used for the purposed of registration for every user entering into website for selling and purchasing various types of products.

c. Login Page:

Login page used for the purposed of login for entering into website for selling and purchasing various products. Its includes information like Username and Password for login into website.



Username

Password

[Login](#)

d Admin Page:

In the online auction project admin plays very important role. no one seller or bidder can register or login without taking permission from Admin. The admin gets firstly logged in into the website.

d. Bidder Page:

Bidders are comes with high amount of price for to purchase the various types of products. They see the list of available products for bidding and start for auction

List of Bids

Show entries Search:

#	Name	Product	Amount	Status	
1	Godrej Refrigerator	Tanvi	20,000.00	Bidding Stage	View Buyer Details
2	Monalisa	Munir	30,000.00	Wins in Bidding	View Buyer Details

Showing 1 to 2 of 2 entries Previous Next

e. Seller Page:

The seller is also called as owner of the products who put up there products for auction. The available products purchase by various bidders

g. Add Product for Auction:

There is another operation which is performed on website that is add products for auction. On these page seller puts up there different products for the purpose of bidding. There are various bidders comes from various countries for bidding.

New Product

Name

Category

Description

Regular Price Starting Bidding Amount

Bidding End Date/Time

Product Image



h. View Auction Project Page:

In these page all related information about Auction Products.




Category List		
Show	10	entries
		Search: <input type="text"/>
#	Category	Action
1	Appliances	Edit Delete
2	Desktop Computers	Edit Delete
3	Laptop	Edit Delete
4	Mobile Phone	Edit Delete
5	Paintings	Edit Delete
6	Vintage	Edit Delete

Showing 1 to 6 of 6 entries

Previous 1 Next

i. Auction Product detailed Page:

In these page all information about each and every product is given so that every seller can easily get information about product which he/she wants to buy.

Show	10	entries			Search: <input type="text"/>
#	Img	Category	Product	Other Info	Action
1		Vintage	Name: Bicycle Metal Model , Description: Bicycle Metal Model - Vintage Old Bike Well made package to protect the fragility of the product	Regular Price: 20,000.00 Start Price: 21,000.00 End Date/Time: Feb 21,2023 04:02 PM Highest Bid: 0.00 Total Bids: 0 user/s	Edit Delete
2		Vintage	Name: Clock Description: Antique Grandfather Clock	Regular Price: 30,000.00 Start Price: 35,000.00 End Date/Time: Feb 21,2023 09:17 PM Highest Bid: 0.00 Total Bids: 0 user/s	Edit Delete
3		Vintage	Name: Compass Description: bghhbby	Regular Price: 40,000.00 Start Price: 50,000.00 End Date/Time: Feb 20,2023 04:00 PM Highest Bid: 0.00 Total Bids: 0 user/s	Edit Delete

IV. FEATURES

Auction has many advantages it helps us to find a correct product by sitting at home. It saves money and time. Buyers can search and find items of interest because every item we can find their. Online auction can stay open for as long as you want. The buyer and the seller can communicate properly through it. If the buyer has any inquiry they can directly ask to the seller themselves. The main reason that peoples get a good quality product with help of online auction.

V. SOFTWARE REQUIREMENT

1. Python
2. HTML
3. CSS
4. Database
5. PHP



VI. MERITS

- Requires less time constraint as compare to physical auction.
- No noisy crowds like conventional system where users have to sit and bid.
- Excludes general frustration that usually happens while bidding in conventional system.
- It helps us to find a correct product by sitting at home.
- Buyers can search and find items of interest because every item we can find their.

VII. DEMERITS

- There is no guarantee your property will be sold successfully at auction.
- You can never be sure of precisely how much you will get.
- There will be no virtual communication.

VIII. FUTURE SCOPE

In future one can head towards planning of virtual auction. One can enhance this application with online payment with uses of payment gateway. To enhance all user give a comment of particular product. To guarantee the future security issue, for improving the security. Also improvement of implementation, documentation, design can be done. This site can be done more aggressive and expand more user friendly.

IX. CONCLUSION

The online auctions created have effectively way to do auction which we can perform from anywhere in the world. This Project "Online Auction System" is develop using HTML, CSS as front end and Python, database in backend to computerize the process of auction i.e. selling and buying product.

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