

## Online Auction

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**Abstract**— An online auction system is a very popular method which is used for selling and buying products, goods and services. It is developed with the objective of making the system reliable, easier and fast. It has three parts Admin, Buyer, and Seller. The Admin controls the whole bidding system and can approve the products by categories and also the registered buyer and seller who participate in auction. The seller can upload a product for sale and the buyer can bid on a particular product to buy. This application is as simple as surfing any website on internet as it is a fully dynamic system that's why it can be easily operated by the non-technical user as well. [1]

**Keywords:** Online Auction, Dynamic System

### I. INTRODUCTION

The online auction system deals between sellers and bidders. The online auction system is a web application where all products are displayed in different categories and a customer can bid to the selected category wised product without facing any problem.

It provides the users for sign up to this application and search for products, manages their accounts. Each customer will have their own account showing their username they have logged. On the other hand users can also see all product pages without having an access with their account. Signed up users will have to log in first then they can upload products on the site from their account and also can bid for other products which are not owned by them. Users can edit their profile and see their uploaded products and bided products. Administration panel can approve products, update products, delete products, delete user, update and delete all ongoing bids and can also see all the products, categories, users and bids.

The main aim of this web application is to make a good online system that provides a great alternative of bidding policy for general people that saves both time and money. A world that loves to participate in real-time activities would certainly appreciate the idea of an online auction system that opens 24/7. Unlike the traditional auctioning method, this modern system brings together buyers and sellers from across the globe to a single location. [1]

### II. LITERATURE SURVEY

In traditional auctioning, the bidder must be present at the site of auction, and the auction is conducted locally and not publicized, which is not the case with online auction. Online auctioning help people to carry out transaction with the convenience of their desktop computer. It also helps to conceal transaction party identity, thus protecting their privacy. Once the item is listed for the auction, prospective buyer or the bidders offer successively higher amounts for the item. All bidders are stranger to one another and do not

anticipate in engaging in future transaction (Katschet al.2000). The auction site administers the bidding process and announces the high bidder and price at the conclusion of the auction. The winning bidder is expected to pay first and the seller delivers the goods. [3]

EBay is the most well-known and popularly used online auction website (Cohen 2002). Auction websites, including ebay, require an easy registration process for all the users (seller and bidders), and most aspects of the transaction (e.g. shipping, payment) are the ultimate responsibility of the respective parties. These websites offer a virtual marketplace to conduct selling and buying on-line through the auction mechanism. The characteristics of virtual auction place are an interesting area of research for business professionals and the researchers to identify factors that make them successful. [2]

### III. PROPOSED SYSTEM

The online auction system contains the following activities. Our main purpose for this project is people invest their money to get maximum profit. Here all type of user can analyses the product of different field and get maximum profit and it give the knowledge about what kind of product are available for bidding.[1]. In the online auction system the main admin would must be authorize the product to auction and set the date of auction and also minimize auction amount for that product. The auction system prior to each bid, It must be authenticated for available balance required for the bid. In this system the bidder is can select their interesting product for bidding.

### IV. MODULES

In the online auction system the following modules are used which is given below.

- 1) Admin
- 2) Seller
- 3) Buyer

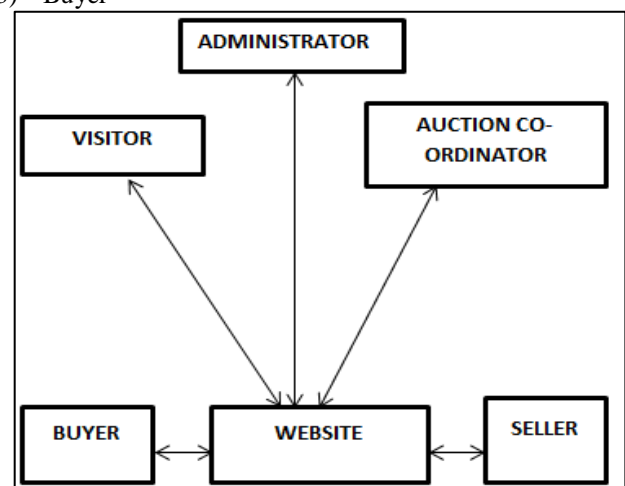


Fig. 1: System Architecture

### A. Admin Module

These modules are capable for providing the complete information related to product for sale and the buyers can bid for the product. All this has to provided and maintained by the admin.

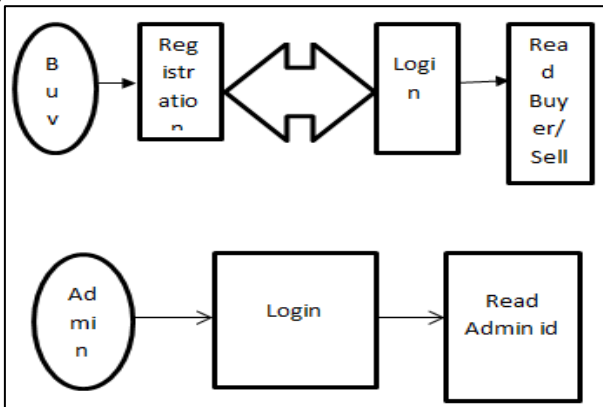


Fig. 2: Admin Module

### B. Seller Module

The seller can sale their product at a higher price and get maximum benefit out of that. The seller can display all his product and sale them.

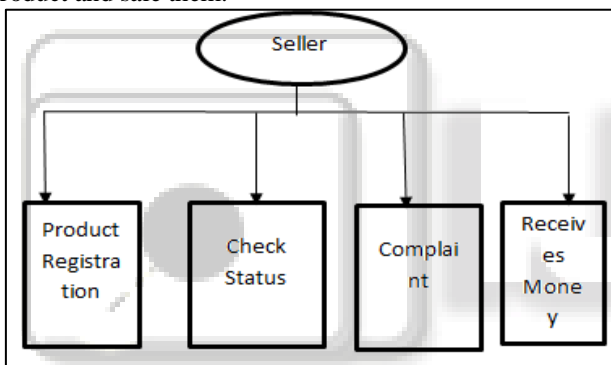


Fig. 3: Seller Module

Buyer Module The buyer always want different things to purchase but in local market they can have local product only but by the help of this system buyer can buy any product from any part of the world with the best price and own the product.

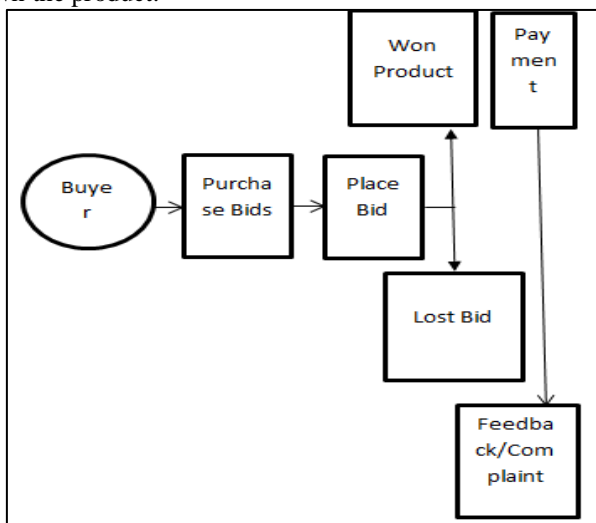


Fig. 4: Buyer Module

### V. ADVANTAGE OF AUCTION

- 1) CONVENIENCE – you can buy any items even if you are in your house or in the office. There is no need to go any place for participation in auction.
- 2) ACCESS – accessibility to everyone.
- 3) TIME SAVING – it saves time in many ways like you don’t need to go any place for participating in auction.
- 4) MULTIPLE CHOICES - the bidder has multiple choices for items because from single location you can participate in multiple items auction.
- 5) WIDE GEOGRAPHIC AREA – It provide wide range of coverage.
- 6) REDUCE PAPER WORK – This auction held on internet so it reduces paper work. [3]

### VI. RESULT

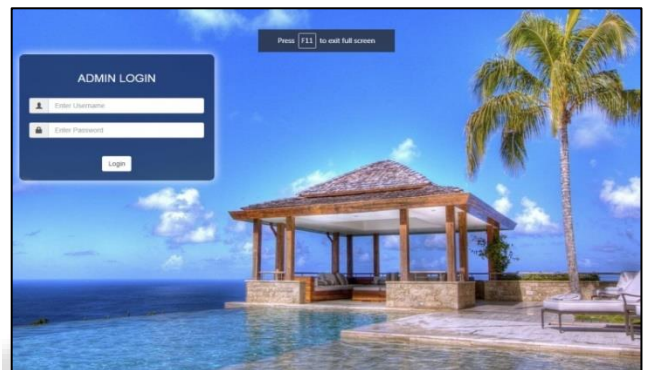


Fig. 5: Admin Login

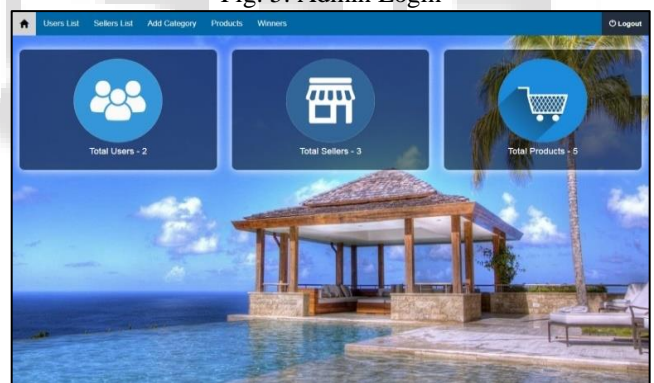


Fig. 6: Admin Homepage

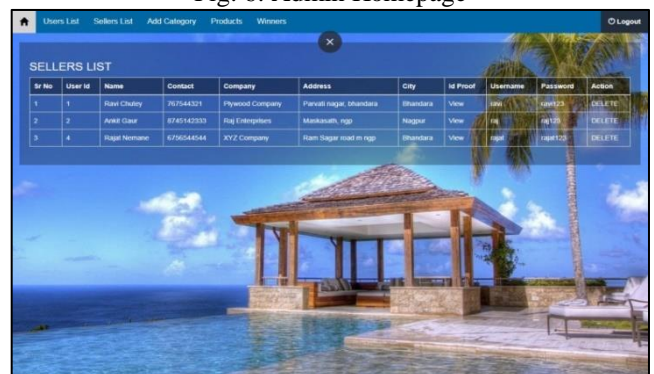


Fig. 7: Seller List

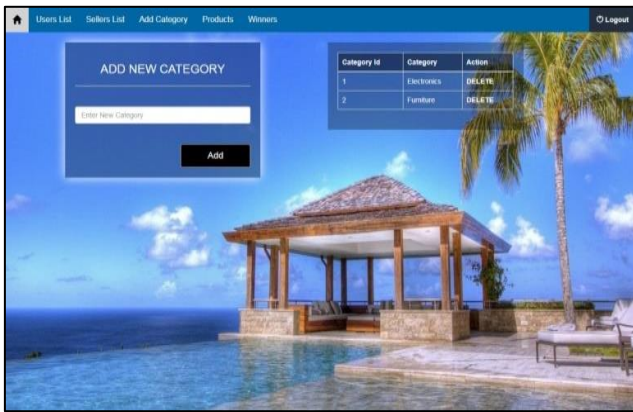


Fig. 8: Add Category

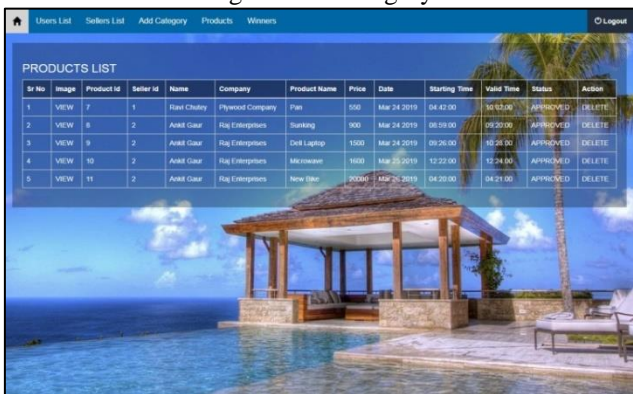


Fig. 9: Product List

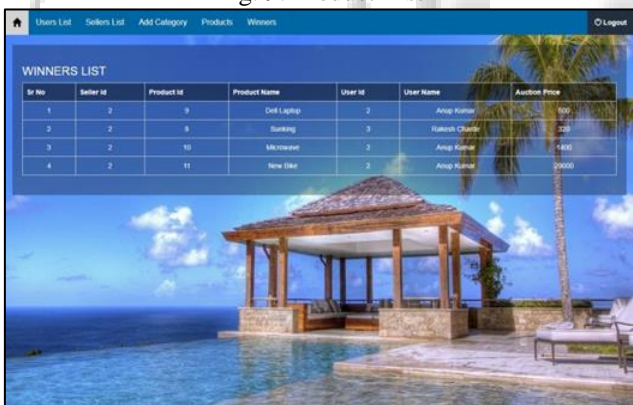


Fig. 10: Winner List

## VII. CONCLUSION

Online Auction System has made consumers more effective and efficient in their behaviour and has driven businesses to a new level, forcing many to make the necessary adjustments and changes to reach the new market of knowledgeable consumers. Rapid growth of e-auction has resulted in a e-transformation in the global retail infrastructure. Despite being faced with numerous bottlenecks thanks to rising internet and higher incomes and more savvy population. Secured online payments, better to Electronic Stores, return policies and exciting discounts could help the Perceptions of Auction System Benefits. Better understandings of consumer online Auction System behaviour will help companies in getting more online consumers and increasing their e-business revenues. At the same time, as realized the benefits from e-auction, consumers are more willing to make purchases online. With

the popularity of Internet, the number of Internet users will continue to grow and more Internet users will become online consumers, even regular online buyers.

## REFERENCE

- [1] Manasi Bhamare, Arati Chame, Gaurav More, Prof Amol Rindhe, "Online Auction" Volume. 7, ISSN (online): 2321- 0613, Issue 04, 2019.
- [2] Rauniar, Rupak, Morefield, Roger D, Simms, John, Raunier, Deepak, "Online Auction: A Study of Bidder Satisfaction" Volume 16 Number 1, February 2009.
- [3] Rashesh G chothani, Nainesh A Patel, Asagarali H Dekavadiya, Punit R Patel , "A Review of Online Auction and It's Pros and Cons" volume 2, Issue 1, e-ISSN: 2348 – 4470 , print- ISSN: 2348 – 6406, January -2015.