

# ONLINE MULTIPRODUCT AUCTIONING PLATFORM

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*Abstract:* A process where services or goods are raised for a bid where they are bought or sold is known as the process of auction. Online multiproduct auctioning platform serves the purpose where it can be used to raise an auction, place a bid and select the appropriate bid for the raised auction. The demand of user for any type of service will be fulfilled through this system.

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 product will consist of delivery information. Another sub-module is Information which will provide information about the product through text and images which will help in generating more information about the item. Technology Module will consist of Database, Vision, Payment, Authentication, Scoreboard, Dashboard, and Statistics. Type Module has three sub-modules which are Offline, Tender and Online. Offline will only serve the purpose of informing users about an auction and generating data about how many people will attend that auction. Online sub-module consists of timeline and real-time which maintains auto update UI.

Online multiproduct auctioning platform is useful for getting and providing any type of service that people intend to want and work for. A person will raise auction for any type of service and all the other people who provides that service will raise their bid and the one suitable will be selected. This online multiproduct auctioning platform can be used for transportation purpose, on college level, by free lancers, Online bartering, etc. Explaining this further this system can be used at college level as in students will raise an auction for all the stationary they have and the suitable or highest bid will be selected. As the free lancers site work by raising an auction for individual purposes and the one providing that service will bid for the auction, this is similar to working of our multiproduct online auctioning platform.

## I. INTRODUCTION

One way to sell merchandise is by means of auctions. This method is preferred over others when the exact value of the item to the buyers is not known, so that the seller is uncertain what price to post on the item. The three issues we examine are timed bids, forecasting of final bid values in incomplete auctions, and last minute bidding. The current systems do not allow for the proper description of the kind of sellers and their products. These results in buyer's uncertainty thus resulting in the reduced effectiveness of the auction making people opt for offline auction market

Auction mostly meant to the sale of goods or property where people make higher and higher bids for each product until that get sold to the one who pays the most, which referred as English auction. In fact, the system consists in a web-portal where registered users can propose new auctions, place bids in order to buy the items on auction, send messages to other users and receive automatically news via e-mail. users and an end period: users cannot place bids when the auction interval (start - end period) ends, but, in case there were no offers for an item, there is the possibility to extend the interval.

A bidder tries to outbid all others by quoting a price higher than the going price, the item is then allocated to the last remaining bidder at the price quoted by him. In recent years the reach of the Internet has extended to every corner of the globe. The global reach of online auction market allows for the buyers and sellersto overcome geographical constraints and purchase products anytime from anywhere over the internet. The online auction market provides the consumers with great advantages of low prices, greater product selection and greater efficiency compared to the usual traditional markets.

Detailed evaluation of the product and seller ensures consumer's certainty on the choice of sellers and the product that they make. This system provide the facility to compare with similar system all the other system of similar type and its products are used for comparing the price of vehicles which makes it easier for users of the system to select the vehicle of their own choice.

## II. LITRATURE REVIEW

### 2.1 Existing System

- The existing "ONLINE MULTIPRODUCT AUCTIONING PLATFORM" is managed manually. Prior to each auction, the venue and the items on auction are announced through news media. Those who wish to take part in the auction have to arrive at the venue on that day on time.
- This conventional method most of the times prevent aspiring bidders from participating in the bidding process. Another headache of the old system is to track each bidding process and to make it culminate in financial settlement. So the system has to keep records of both buyers and sellers until the end of settlement.
- The process is very cumbersome and time consuming. It is virtually impossible for a human being to be accurate and perfect all time. Sometimes doing the routine job day in and day out becomes very boring and bugs an individual like anything.
- Searching a record of a particular consumer from a big fat registers is certainly a very time consuming and tedious task. This is because the search requires the managers to go through all the register and search the particular record from a set of 500 to 1000 records or even much more than that. Since the different information pertaining to a consumer is maintained in a register and stored in cupboard, shelves, drawers etc. It is not at all secured from the crooks how would like to change it as per their advantage. Such changes could end up being very serious not only to the department but also to the entire organization. Every month the register containing the records are updated by copying the necessary information of the consumer.

### 2.2 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.

### 2.3 Need for System

In this system one cannot see the personal details of other. This system consists 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 maintains 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

- Buyer
- Seller

Buyer: Buyer module will have same information to maintain the equity of relation. Information for this module will have personal details, banking detail to process the transactions and history of buyer to know the previous records.

Seller: Seller Module will consist of information about a seller that will help users to know more about the seller and have trustworthy transactions. The information will be personal banking details and history.

3.3.1 Design Methodology

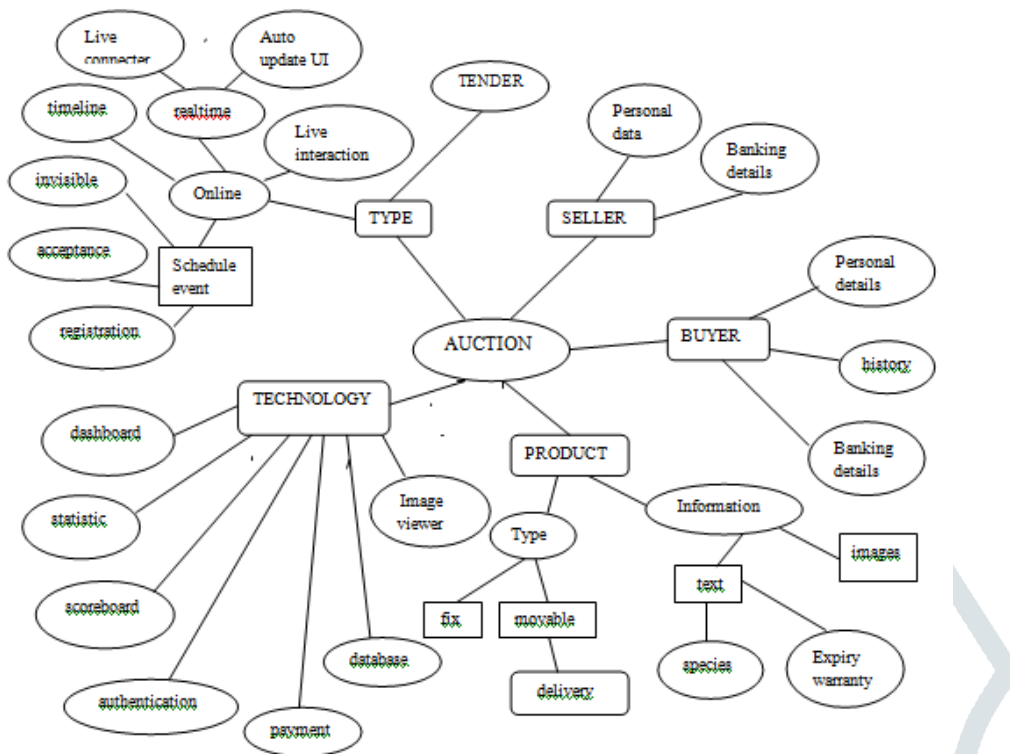


Fig: Design Methodology of online multiproduct auctioning platform

IV. RESULTS AND DISCUSSION

