

# ONLINE AUCTION

**Mayank Raj & Abhishek Upadhyay**

*Galgotias University*

## **ABSTRACT**

*An online auction is an auction which is held over the net. It's well-liked method for getting and selling products and services. Online Auction Systems helps customer to sell & purchase product in reasonable cost. It's developed with the target of making the system reliable, easier and swift. This application is employed to sell the anything on the website from house. It is developed with the target of creating the system reliable, easier and fast. The application is made as simple as surfing a web site. Thereby non-technical persons can do interact with the processing on the appliance easily.*

## **Keywords**

*Information System; Auction System and Unified Modeling Language.*

## **INTRODUCTION**

Auctions', 'reverse auctions' or just 'e-Auctions'. Online auction can be a group of people which is predicated for auction. If you want to something sell by auction then you post that on website. It just a selling of products during this project user can do a bid on particular Products. The major objective of the e-Auction process must be to get best value and also the highest price. For 2 categories of users the customer and vendor, both have their own registration form. There is a standard login page for vendors and for users but when both login in, it would be easily found out that Wither it is a vendor or abuser because of their registration details because their registration forms are different. There are 2 homepages out of which a page behaves different if vendor logs in then shows the vendor's menu or if customer will login, then will show customer menu. Customers should have an appropriate knowledge of the online- Auction subject, its market, its value. In this website

anyone wants to sell products will must register first then a singular id is given to the registered users. After registration user must be known of their products.

## **Existing system**

- Can't Upload and Download the latest updates.
- Risk of mismanagement of data when the project is under development phase.
- Least Security.
- No proper collaboration between different Applications and Users.

## **Ease Of Use**

The System will work with the assistance of following modules. User management: During this project there are two form of user one is customer who wants to shop product by auction and another is vendor who want to sell his product. At the time of registration user can select that he wants to be a vendor, customer or both if he selects vendor, he can login along with his vendor id and password vendor can add his product details, edit existing product details. But he can't participate in an auction to bid for a product. If somehow he registers as a customer then he will login with customer id and password can be chosen any product which is obtainable for auction from the menu then he can bid thereon product.

## **COMPARATIVE STUDIES**

There are some main objectives: -

1. This portal gives trading of product online.
2. Any user has both types i.e., vendor and customer. If he or she sells the product then he/she is trader and if he/she purchases the product then he/she is the client.
3. This website has bidding history also.
4. The user can be able to see the bid history.

**Following are the main problem in managing online auction manually: -**

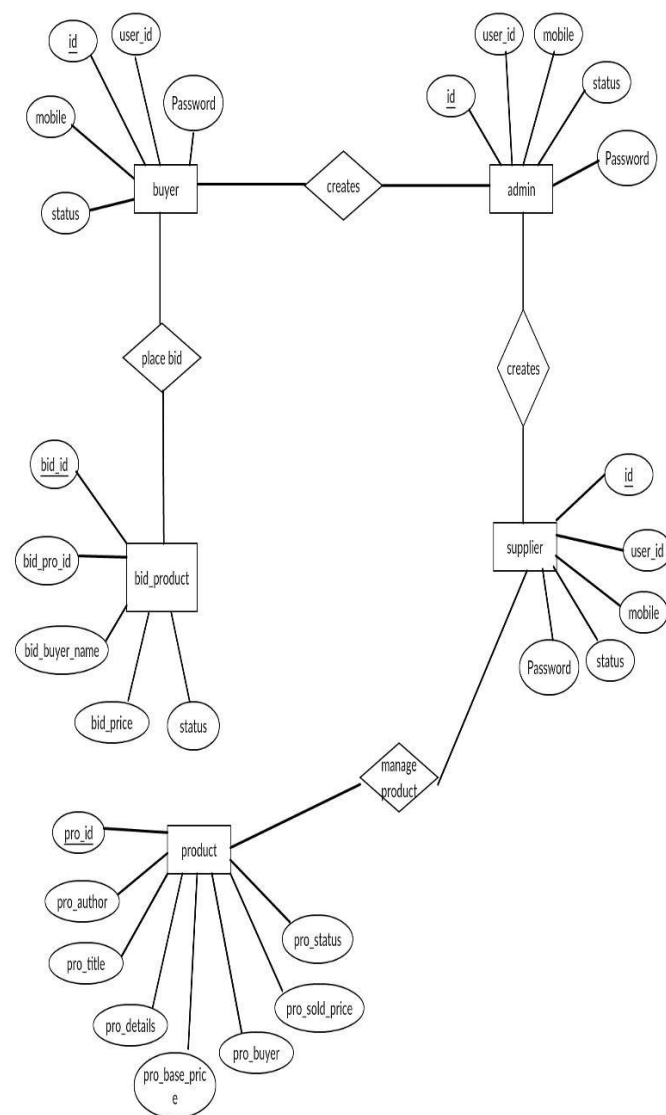
The look for items has always been a mind-chewing activity to most of individual in country and within the whole world.

People are always on the attend to their renown product supplier, or nearby market center or often a nearby hawkers, who goes on to deliver items and at times when he cannot get the item the client wants, mostly they furnish their hands to induce them items and every now and then they mess and produce fake and quarks deliver stolen and bad items, this can be because unqualified people offer delivery of products to customers.

**Data flow diagram**

Data flow diagrams (DFDs) are effective to reveal relationships among different components in an exceedingly program or system. This sort of diagrams is a vital and useful technique for modelling a system, its process aspects, for showing a system as one single high-level process. DFD lets illustrate the flow of information, how the input file are transformed to output results across the sequence of functional transformations. DFD consists of 4 major components: entities, processes, data stores, data flows. After you have to draw an information multidimensional language the Concept Draw DIAGRAM diagramming and vector drawing software extended with Data Flow Diagrams solution are going to be helpful for you. Providing numerous collection of knowledge flow sheet examples, samples, templates and ready-to-use vector DFD symbols, Data Flow Diagrams solution ensures you with all needed tools for simple designing DFDs .

**Database design and structure**



When the time of the **web auction** runs out, the vendor and also the highest bidder form a contract, provided the best bidder is above the reserve price. The terms and conditions of the **auction** platform.

1. Product
2. Client
3. Vendor
4. Cost
5. Business

**Technical Feasibility address three major issues:**

- **Is the proposed Technology Practical?**

The technologies used are enough in order that to be applied to our problems. The practicality of the answer we've developed is proved with the employment of the technologies we've chosen.

### **Do we currently possess the necessary technology?**

We first confirm that whether the specified technologies are available to us or not. If they're available then we must ask if we've got the capacity.

### **Do we possess the necessary Technical Expertise?**

This consideration of technical feasibility is forgotten during feasibility analysis. We may have the technology, but that doesn't mean we've got the abilities required to properly apply that technology.

### **There are several main activities in an online: -**

- Initialization: The Auctioneer sets up the auction and advertises it;
- Registration: In order to participate in the auction, bidders must register with the Auctioneer;
- Price quote: A bidder should obtain a price quote from the Auctioneer;
- Bidding: A bidder gives bid to the Auctioneer.
- Winner Determination: The Auctioneer determines the winner according to the auction rules;
- Transaction settlement/payment is the process of collecting payment from and delivering the goods;
- Bidder/Winner Notification refers to the processes involved with informing a bidder with information

### **OBJECTIVES OF THE PROJECT**

*Software Requirement System*  
**development software Operating System:**  
 Window 7 **Database :** sql server 2008 **Language:**  
 C# and .Net Framework

### **Hardware Requirements**

#### **System Development Hardware**

CORE 2 – DUO PROCESSOR (3.0GHZ) 1 GB  
 RAM  
 320 GB HDD LCD MONITOR/PRINTER

### **User characteristics**

The system requires that the users be equipped with overall internet knowledge and therefore the gadget accessing it. The administrator is predicted to possess more skills with the interface of the tech

network. The sellers should have skills of well analyzing and navigating the web usage and be able to handle customers who may not be known to the internet.

### **Advantages**

- Online auction sites don't stop trading to hold on sales of product through traditional sales method.
- Online auction also helps small businesses to trade their seasonal, discontinued or damaged products.
- Online auction sites open the door of international markets for tiny businesses and help to expand global market.
- These sites also help to search out what customers are willing to pay without doing time-consuming expensive research.

### **Disadvantages**

- Online auctions don't provide buyers with an option of personally viewing and evaluating items before purchasing. This could cause the chance of fraud.
- Another major drawback is that it's also unimaginable for each business to have part in online auction. Companies should host their own auction websites and for this purpose they need to rent trained technical staff.

### **Setting up new auction with Auctions is similar to adding new product except you need to set couple more parameters specific to auctions:**

- go to Products => AddProducts
- add title, description, images, featured image, select category – all things you do when adding regular product
- in Product Data dropdown menu select Auction
- you will see new tab in left menu named Auction as on screenshot below and enter all parameters
- fill all required inputs like start price, minimal bid increment, start and end auction timestamps
- publish auction – click on Publish button

### **Feasibility**

Feasibility study is that the process of determination of whether or not a project is worth doing. Feasibility studies are undertaken within tight time constraints and normally culminate in an exceedingly written and oral feasibility report. The contents and suggestions of this feasibility study helped us as a sound basis for deciding a way to precede the project. It helped in taking decisions like which software to use, hardware combinations, etc.

Literature Review Word-of-mouth (WOM) is an extremely important and influential source of information to consumers engaged in the buying decision process (e.g., see Gilly et al., 1998; Maxham and Netemeyer, 2002; Richins, 1983; Srinivasan et al., 2002). marketing (Montgomery, 2001) and e-newsletters (Katz, 2002; Scientific American, 2001), instant messaging, including chat rooms (Gelb and Sundaram, 2002), online community or discussion forums (Bickart and Schindler, 2001; Hagel and Armstrong, 1997; Kozinets, 2002; Rheingold, 2000), websites, including weblogs (Cristol, 2002; Levy, 2002; Weinberg, 2001), reviews, and rating and reviews (Kuehl, 1999). Review information differs from rating-and-review WOM in that the latter includes a quantitative measure of some scale type, be it ordinal, interval or ratio, in its evaluation of a target object, such as a product. The rating- and- review (RR) form, frequently referred to as feedback in online-auction environments, is available in a number of leading online-auction sites, and is influential.

**Home page:-**



**Enter Details: -**

**Your Details**  
 Fill out info below that was used when placing your order

Name \*  
 First Name:  Last Name:

E-mail Used \*

Order Number \*  
 Can be found in your confirmation e-mail

**Reset password:--**

Password Reset Form Preview

**Reset Password**

**Conclusion**

This project deals with the planning, development and implementation of an internet auction website. The website will allow users to shop for and sell computer-related hardware and software products using the standard English open- ascending scheme of auction. The vendor is going to be ready to create their own auction, specifying their product details like auction start price, reserve price and minimum bid increments. Prospective buyers are able to bid on a product until a bidder is said the winner at the end of the auction. Buyers are going to be ready to leave the vendor feedback regarding their experience. Additional and more advanced functionality may be added to the website once the first aims of the project are suitably met.

The problems that are present in existing online auction websites are that they fight to cater for such a various audience, whilst coping with a diverse number of product categories. Additionally, some sites use complex or confusing auction schemes. By specializing in a selected category of products, like computing products, and by adopting the foremost common sort of auction.

**References: -**

- 1) Bunnell, David (2001). "The eBay Business Model". *The ebay Phenomenon: Business Secrets Behind the World's Hottest Internet Company*. John Wiley & Sons. pp. 71– 81. ISBN 9780471436799.
- 2) "What is an Online Auction? - Definitionfrom Techopedia". *Techopedia.com*. Retrieved 14 April 2019.
- 3) J Hillston J and Kloul L. Performance investigation of an on-line auction system. *Concurrency and Computation: Practice and Experience*, 2001.
- 4) Bichler M. An experimental analysis of multi attribute auctions. *Decision Support Systems*, 2000.
- 5) Sandholm T. Approaches to winner determination in combinatorial auctions. *Decision Support Systems*, 2000, (1-2).
- 6) [www.auctionindia.com](http://www.auctionindia.com)
- 7) [www.ebay.com](http://www.ebay.com)