**Online Auction Project**

Online Auction is an online bidding system that has various bids data stored in it. It shows user appropriate results for bid on search. It also consists of bid data. The application records no of bids the users have bid on, it goes to product detail page to fetch its meta data and gives points according to users bids for product. Our system has two types of roloes for user and admin. The system is first fed with products and can be searched based on categories and in order of bid amount. After that the application allows user to search for particular bid. The user can enter the bid amount to bid for product. The system then uses this bid and sends data in database that checks for that product end time and user with highest bid wins. The user is verified with email id before login. The user can then delete his products and add product for bidding. The bid is based on users demand. Once user clicks on the feedback link he sees the web page and can provide feedback that is seen by admin. Admin can also delete products and users that is displayed in the web page. The system has a feature that ends bid when bid ends.

**Modules:**

* **User Login:** Every user can login and then bid for product and add product and give feedback.
* **Admin Login:** Admin has a separate login and password to enter the admin area.
* **Products Module:** User can view products, add products and delete his products for bid and sort products based on categories and price.
* **Product Bid Module:** The system shows detail of product and bid for products other than his own.
* **Feedback module:** The user provides feedback for system.
* **Email notification**: Auction winner gets seller details, auction seller gets winner details on email.
* **Auction time**: User can set auction time on posting product for selling, the winner is declared after time elapse.
* **Admin Module:** Admin can delete products, view feedback, delete users.

**Software Requirements:**

* Windows Xp, Windows 7(ultimate, enterprise)
* Visual studio 2010
* Sql Server 2008 R2

**Hardware Components:**

* Processor – i3
* Hard Disk – 5 GB
* Memory – 1GB RAM

**Advantages:**

* Excludes noisy crowds like conventional system where users have to sit and bid.
* Excludes general frustration that usually happens while bidding in conventional system.
* No schedule constraint that means bidder can bid anytime and from anywhere.
* The bidding can be made on a global level.

**Disadvantages:**

* The user cannot view the item in person.
* No human interaction.
* If there are poor quality photographs then it's of no use.

**Applications:**

* The system can be applied to warehouses where the items are put up for auctions.
* Any person can use it to put up their product for auction.