**INTRODUCTION**

An Auction is Latin work which means augment. Auction is a bid, a process of  
selling; buying and services offered take place. There are several different types of auctions  
and certain rules exist for each auction. There are variations for an auction which may  
include minimum price limit, maximum price limit and time limitations etc. Depending upon  
the auction method bidder can participate remotely or in person. Remote auction include  
participating through telephone, mail, and internet. The online auction system is a model where we participate in a bid for products and service. This auction is made easier by using online software which can regulate processes involved.

Online Auctioning System has several other names such as e-Auctions, electronic  
auction etc. The requirement for online auction or online bidding can be more accurately  
specified by the client. It should be healthy and will be a good practice when it is made more  
transparent as a matter of fact.

Online Bidding has become more wide spread in all sorts of industrial usage. It not  
only includes the product or goods to be sold, it also has services which can be provided. Due  
to their low cost this expansion made the system to grow. Online bidding has become a standard method for procurement process. Bidders can be maintained in a single database according to the preference, and they can be monitored. User’s data can be maintained in a confidential way for validity and integrity of contractual documentation. Neat reporting reduces paperwork, postage, photocopying and time beneficial. Multiple bidders can be communicated with a great ease. This system allows multiple bids by single users.

**EXPECTED RESULT**

The successful development of this system will results in the development an auction system that fully signals the products that are to be sold during the auction process. This auction system makes use decision making assistance tool that enables the auction bidders to properly evaluate the sellers and their products to enable them to make choice of the bids to participate in and be confident with the their decision.

**STATEMENT OF THE PROBLEM**

There are several problems facing real-time web applications like the online auction system. These problems have been in existence and are yet to be addresses fully. The following are some of the problems being faced.

1. Timing and Performance
2. Enable Asynchrony
3. Sealed-Bid Mechanism

**PROJECT TIMELINE**

The solution to the stated problem is a robust one, so completion of solution depend on the functionality to be implemented and the available resource like Electricity and data to limit the problem that can hinder the success of the solution completion.

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**SCOPE OF THE STUDY**

This online auction system only allows for the auctioning of house hold furniture, computer accessories, and mobile phones. This system only accommodates the buyers and sellers that are located within Nigeria. Only registered potential buyers and sellers participate in any of the auctioning process.