

# **Online Auction**

## **Abstract:-**

An online auction project that holds online auctions of various products on a website and serves sellers and bidders accordingly. The system is designed to allow users to set up their products for auctions and bidders to register and bid for various products available for bidding. Moreover, administrators have the possibility to accept or refuse auctions proposed by users, to view information about users and items and to create, modify and delete the categories of auctions. The system is realized with 3-tier architecture: a relational database that stores the information regarding items, users, auctions and categories of auction; an application server that cares about the business logic of the system and the presentation layer that consists in the web browser where users can interact with the system.

The purpose is to develop a user-friendly auctioning site where products can be auctioned and provide value-added services to the bidders and the sellers.

Secure registration for all users including a personal profile.

Another purpose for developing this application is to generate the report automatically.

Online Auction or the E auction system project consists of the following parts:

**Bidder Login:** Here the buyer or the product bidder can see a list of products up for bidding and place his/her bid on the product.

**Seller Login:** This is the seller module where the seller posts a product up for auctions.

**Admin Login:** This module is for the administrator who may delete fake or unwanted ads.

**Report generation:** Admin gets a report whenever wanted stating various products up for bidding and various users registered on the website.