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# Secure Online Auction

An online auction management system on php project that holds online auctions of various products on a website and serves sellers and bidders accordingly.

[Secure Online Auction](https://partheniumprojects.com/secure-online-auction/) system project however is a different business model where the items are sold through price bidding. Usually bidding have start price and ending time.

The secure online auction management 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.  
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.
* **SMS notification:** Auction winners and losers get an sms notification whether they won or lost the bid.
* No 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 any time and from anywhere.
* The bidding process can be conducted on a global scale.

For buying product online user have to provide his personal details like email address, license number, PAN number etc. Only the valid user will have authority to bid. This prevents various frauds according in online shopping.

Potential buyers in auction and the winner is the one who bids the item for highest price. We treat the fraud detection with a binary classification.