I. Create accounts of users; login, logout.  
  
II. Auctions (Manual)  
   [+] seller creates auctions and posts items for sale

[+] set all the characteristics of the item

[+] set closing date and time

[+] set a hidden minimum price (reserve)

[+] a buyer should be able to bid

[+] let the buyer set a new bid

[+] alert other buyers of the item that a higher bid has been placed

  [+] define the winner of the auction

[+] when the closing time has come, check if the seller has set a reserve

[+] if yes: if the reserve is higher than the last bid none is the winner.

[+] if no: whoever has the higher bid is the winner

[+] alert the winner that they won the auction

**III Auctions (Automatic)**

[+] a buyer should be able to set an automatic bidding

[+] set a secret upper limit

[+] set a bid increment (put in the database a higher bid automatically for the user in

case someone bids higher)

[+] alert buyers in case someone bids more than their upper limit

   [+] define the winner of the auction

[] when the closing time has come, check if the seller has set a reserve

[+] if yes: if the reserve is higher than the last bid none is the winner.

[+] if no: whoever has the higher bid is the winner

[+] alert the winner that they won the auction

IV Browsing and advanced search functionality  
    [] let people browse on the items and see the status of the current bidding

[] sort by different criteria (by type, bidding price etc.)

[] search the list of items by various criteria.

[] a user should be able to:

[] view all the history of bids for any specific auction

[] view the list of all auctions a specific buyer or seller has participated in

[] view the list of "similar" items on auctions in the preceding month (and auction information about them)

[] let user set an alert for specific items s/he is interested

[] get an alert when the item becomes available

V Admin and customer rep functions

[+] Admin (create an admin account ahead of time)

[+] creates accounts for customer representatives

[+] generates sales reports for:

[+] total earnings

[+] earnings per:

[+] item

[+] item type

[+] end-user

[+] best-selling items

[+] best buyers

[+] Customer representative functions:

[+] users browse questions and answers

[+] users search questions by keywords

[+] users post questions to the customer representatives (i.e. customer service)

[+] reps reply to user questions

[+] edits and deletes account information

[+] removes bids

[+] removes auctions