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

[Jeffrey] set all the characteristics of the item

[Jeffrey] set closing date and time

[Jeffrey] set a hidden minimum price (reserve)

[Jeffrey] a buyer should be able to bid

[Jeffrey] let the buyer set a new bid

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

  [Jeffrey] define the winner of the auction

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

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

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

[Jeffrey] alert the winner that they won the auction

III Auctions (Automatic)

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

[Chris] set a secret upper limit

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

case someone bids higher)

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

   [Chris] define the winner of the auction

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

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

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

[Chris] alert the winner that they won the auction

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

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

[Dan] search the list of items by various criteria.

[Dan] a user should be able to:

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

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

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

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

[Dan] 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