[X] Create accounts of users; login, logout.

I. Auctions

[X] seller creates auctions and posts items for sale

[X] set all the characteristics of the item

[X] set closing date and time

[X] set a hidden minimum price (reserve)

[] a buyer should be able to bid

[X] let the buyer set a new bid

[M] in case of automatic bidding set secret upper limit and bid increment

[M] alert other buyers of the item that a higher bid has been placed (manual)

[M] alert buyers in case someone bids more than their upper limit (automatic)

[M] define the winner of the auction

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

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

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

[M] alert the winner that they won the auction

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

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

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

[X] a user should be able to:

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

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

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

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

[M] get an alert when the item becomes available

[X] users browse questions and answers

[X] users search questions by keywords

I||. Admin and customer rep functions

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

[X] creates accounts for customer representatives

[X] generates sales reports for:

[X] total earnings

[M] earnings per:

[M] item

[M] item type

[M] end-user

[M] best-selling items

[M] best buyers

[] Customer representative functions:

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

[X] reps reply to user questions

[X] edits and deletes account information

[M] removes bids

[X] removes auctions