

Create accounts of users; login, logout.

I. Auctions

[✓] 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

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

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

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

[✓] 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

II. 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

[✓] users browse questions and answers

[✓] users search questions by keywords

III. 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 post questions to the customer representatives (i.e. customer service)
 - [✓] reps reply to user questions
 - [✓] edits and deletes account information
 - [✓] removes bids
 - [✓] removes auctions