

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