

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