

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