

# Acceptance Test Plan

Team 10

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## Acceptance Criteria

### User actions

1. Users must be able to create an account and log in to the website
2. Users must be able to see the item currently up for auction
  - a. See item details
  - b. See bidding details and current price
  - c. See remaining time
3. Users must be able to bid on the current item.
  - a. Place bid
  - b. Get notified on outbid
  - c. Get notified on winning
4. Users must be able to create auctions
  - a. Includes details of item, picture, price etc.

### Platform actions

5. Auctions start automatically one after another
  - a. If there are no items in queue the auction begins immediately
  - b. If there are items in queue items will be auctioned in listing time order
6. Only authenticated users can list or bid on items

### Reliability and performance

7. Auction updates (new bids, time left etc.) must propagate to all users within 250 ms (locally before calculating in internet latency) and there can't be duplicate bids(first come, first serve on bidding)

# Acceptance Test Cases

ID	Matching Criteria	Test Scenario	Test steps	Expected result
1	1	Create account	1. Open login page 2. Enter username 3. Enter password 4. Click create account	User has created an account and is logged in
2	1	Login	1. Open login page 2. Enter username 3. Enter password 4. Click login	User has logged in
3	2abc	View current auction	1. Open auction page	User sees item details, bidding information and remaining time
4	3abc	Place bid	1. Open auction page 2. Place bid	User sees their bid is highest and gets notified when they are outbid or auction ends and they win
5	4a	Create auction	1. Go to profile page 2. Set item details 3. Choose picture 4. Click add item	User gets notified of succesful creation and item is added to auction queue
6	5a	Item added (empty queue)	1. New item is added and queue is empty	Item appears immediately in auction page
7	5b	Item added (non-empty queue)	1. New item is added and queue is not empty	Item appears in auction page once it's place in the queue is reached
8	5	Auction end (more items in queue)	1. Auction ends with more items in queue	Next item from queue starts it's auction
9	7	Bidding latency	1. Users bid on auction	Bid propagates to all users within 250ms(locally)