

3. Functional Requirements

1. The system shall provide value estimates for listed items based on retail and resale price data.
2. The system shall provide a method to query items using location, tags, and value.
3. The system shall provide a method that, given an item or items, creates a list of potential matches.
4. The system shall provide an option to like listed items.
5. The system shall provide an option to save listed items.
6. The system shall notify users with matched items and require that all involved users confirm the trade.
7. The system shall provide notifications for items that have entered a successful trade, notifying users once their incoming item is shipped, once their outgoing item is received, and once their incoming item is delivered.
8. The system shall provide a method to post an item with an associated value, description, pictures, and tags.
9. The system shall provide a method to filter listed items by location or proximity.
10. The system shall require a tracking number to mark a trade as shipped. The number will be sent to the other trader.
11. The system shall provide the email address of other users upon request.
12. The system shall provide a user page that specifies their name and listed items.

1 Like: Indicating interest in another user's item.

2 Match: Two or more items of comparable value that have been liked by the owner of another item forming a closed loop

3 Save: Add to a private list