

Features

Mandatory Features:

- **Admin user has the ability to undo every action taken by regular users that can be reasonably be undone**
 - *Login as admin user -> Manage Historical Actions -> List all the historical actions in the system, List all the historical revocable actions in the system, Find all the revocable historical actions of specific tradableUser, Cancel the revocable historical actions of tradableUser by actionID, Confirm undo request and undo revocable historical actions*
- **Automatically suggest items to lend to a given user**
 - *Login as tradable user -> Account Information -> Manage Items -> Get suggestions for item(s) that you can lend to a given user*
- **Created a new type of account that allows a user to look at the various parts of the program as guest user**
 - *Login as guest*
- **Allowed the admin user to adjust all of the threshold values**
 - *Login as admin user -> Edit Thresholds -> Edit the max number of transactions allowed a week, Edit the max number of transactions that can be incomplete before the account is frozen, Edit the number of items tradableUsers must lend before tradableUsers can borrow, Edit the max Edits per user for meeting's date + time*
- **Created on-vacation status for accounts, such that the user will not be able to trade, and the items in user's inventory are being taken down from the system temporary**
 - *Login as tradable user -> Account Information -> Account Settings -> Set your on-vacation status*

Extensions we chose from:

- **Allow users to enter their home city when creating an account, so the system will show them other users in the same city**
 - *Create an account -> Select home city*
 - *Login as tradable user -> Account Information -> Account Settings -> Change your home city*
 - *Login as tradable user -> Community Information -> See users in your home city*
- **Have the automated trade suggestion always return the most reasonable trade**
 - *Login as tradable user -> Trading Information -> Suggestion for the most reasonable trade*
- **Implemented a GUI with java.swing**

Own Features:

- **Users can follow other users to receive notification when other users add items to their inventory and wish list, users can follow items as well, they can check for the recent status of the items they followed**
 - *Login as tradable user -> Account Information -> Follow others / items -> Follow a user, Follow an item, See recent status of user(s) you're following, See recent status of item(s) you're following*
- **Users are allowed to give ratings and review to other users, or report other users with a valid reason. Users can view themselves or other users' ratings and review**
 - *Login as tradable user -> Community Information -> Write a review for a user, Report a user, Find the rating and review for a given user, View your rating and review*
- **Users can search for items, users, meetings, trades and there is sort/filter function for all**
 - *Login as tradable user -> Searching Information -> Searching items -> Filter by category, Search item by keyword, Search item by id, Sort by numbers of follows*
 - *Login as tradable user -> Searching Information -> Searching users -> Recent trade user, Frequent trade user, Sort users by rating*
 - *Login as tradable user -> Searching Information -> Searching meetings -> Sort by date, Incomplete meeting, Complete meeting*
 - *Login as tradable user -> Searching Information -> Searching trades -> Incomplete trades, Complete trades*
- **Users can add other users as friends. By adding friends, users can send messages to each other**
 - *Login as tradable user -> Community Information -> Send a friend request, respond to friend requests, view your list of friends, unfriend a user, send message to friends, view all message*