

User's Guide

Addition Features:

- Registration requires a real email
- User cannot register twice with the same username
 - Error message appears
- Registration requires password check
 - Error message appears if password is not re-entered correctly
- Ability to backout of registration and return to homepage
- Login in requires a registered username and password
 - Error message appears if username is invalid
- Cannot log in with incorrect username and password
 - Error message appears if password is incorrect
- Ability to backout of login and return to homepage
- Buyers can view detailed listing pages of each item
 - This includes high level description of item being sold, the price, and if it's in stock
 - Item can only be bought if it is in stock
- Ability to leave listing page without purchasing anything
- Ability to log out
- Sellers can pick between nine items to sell
- Sellers can sell multiple of each item
- Sellers cannot sell items if they are out of stock
- Ability to cancel adding an item to sell
- Program has ability to send emails to users following registration
- Sellers can view sales (includes all sales that have been made by them)

How to use the program:

When this program is run a homepage is displayed that contains the nine possible items to be bought or sold, but the price or description of these items is not accessible on the homepage. There are two hyperlinks in the upper right corner, one for registering and one for logging in. When the register hyperlink is clicked the user is taken to a new page that prompts the user for their name, email, username, and password to create an account. There is a checkbox that when checked indicates that the user creating an account would like to be able to sell items. The register button adds this users information to the SQL database and returns them to the homepage. There is a cancel button on the register page that allows a user to backout of creating an account. When the login hyperlink is clicked, the user is taken to a new page that prompts the user for just their username and password. Login only works if the username and password have been registered. The log in button takes the user to one of two pages depending on if they registered as just a buyer or a buyer and seller. There is a cancel button on the log in page that allows the user to backout of logging in.

If the user is a buyer, after logging in they are taken to a page that contains all nine items that can be bought with a buy button next to them. If a buy button is selected the user is taken to a listings page specific to the item they clicked buy next to. The listings page includes a picture of the item, the price, a high level description, and whether or not the item is in stock. There is another buy button here that actually purchases the item when clicked. Purchasing the item updates the SQL database and displays to the user "Thank you for making a purchase". The listings page also includes an x button in the upper right corner that allows the user to back out of purchasing an item.

If the user is buyer and seller, after logging in they are taken to a page that looks and functions exactly as just a buyers page, except that it contains a button to add items to sell. When clicked this button takes the user to a new page with a selectable list of the nine possible items to be sold. If items are out of stock they will not appear on this list to be selected. The user can specify the quantity of items to sell and the add item button at the bottom updates the SQL database and returns the user to their buyer and seller page. The add items page also has a cancel button that allows the user to back out of adding an item to sell. The seller page also has hyperlink in the upper right corner called view sales that when clicked displays all the current outstanding sales the user has. Both the buyers page and buyer and sellers page includes a log out hyperlink that takes the user back to the homepage.