

#### Registered User:

The user enters the login page through the homepage and enters his/her username and password. And then the user is redirected to the homepage, the user searches for a specific item he/she wants through the search bar. However, the item is not available. Therefore, the user goes back to home and browses available item type in the store. By clicking one of the item images on the homepage, the user is directed to the item page for further detailed information. The user chooses to add the item to the shopping cart, and he/she decides to browse more items in the other categories through left side navigator. And then, the user wants to edit his/her profile, he/she enters "user's profile" page through the top navigation bar. And starts to edit his/her user icon, address, email and password in "user's profile". After submit changes, the user is directed to the homepage. The user wants to check out his/her shopping cart through the top navigation bar. Therefore, the user goes to the shopping-cart page and modifies the number of items in the shopping cart and remove certain unwanted items. Later, the user wants to review other user's comments, so he/she clicks the small item image to enter the page. In the item page, the user adds the item to the shopping cart, review feedbacks from other users, and write own comment on the item. Since the user already has such an item in the shopping-cart, amount of the item will be increased by one. At last, the user checkouts the cart.

If the user forgot his/her password, the user could recover it in recover-pass page through the login page.

#### Anonymous User:

The user enters the homepage page and then begins to search for a specific item he/she wants through the search bar. As the user reads through the item description, he/she wants to add the item to the shopping cart. However, the user is now directed to the registration page to create an account, but the user doesn't want to do so, therefore the user goes back to the homepage. The user browses the item category on the homepage, and by clicking one of the categories, the user is directed to the item list page. The user clicks into the item images to check the detail and reviews other user's comments as well. However, the user cannot write a comment on the item page due to limited access. In order to enable and submit the comment block, the user has to register an account first. Hence, the user completes registration and back, adds some desirable items in the bookmarks to the shopping cart.

#### Administrator:

The administrator enters the login page through the homepage and enters his/her username and password. And then the administrator is redirected to the admin page, the administrator searches for a particular user via user id, (or user email, or user comment) in the admin page. And as a result, the administrator finds out the user's comments were too aggressive. Therefore, the admin decides to ban the user for a while and deletes those comments as well. Later on, the admin adds some new items to the store through the top navigator and then edits other items' price and descriptions. Finally, he updates his new address in Admin Info.