It is now time to differentiate between customers and administrators. Currently all users of your site can do everything. Administrators have tasks that only they can perform. Customers should not be able to change the status of comments, or determine what will be on sale this week!

The list below outlines the changes/updates that your boss would like you to make to the site.

- Create a JSON file to contain at least one administrator account. Determine what type of data will need to be saved in the file to track both administrators and customers.

- Create an interface to allow customers to create an account for themselves. Customers should not be able to create more than one account using a specific username.

- Create an interface to allow users to log in. Both administrators and customers will use the same form. You will need to check that they are valid users before allowing them to continue.

- Restrict access to various parts of the site …
    - Customers can only offer feedback about products if logged in.
    - Administrators can only change the status of user feedback if logged in.
    - Administrators can only see and update the discount file if logged in.

- Add a feature to allow the users (administrators and customers who have logged in) to log out. Have the Login and Logout only available when needed (ie. if already logged in then the log out option should be accessible, if not logged in the log out should not be available).

- Add/modify the options to your menu/navigation to allow your new features to be accessed.

- Make sure that the new pages you create use the same design features as the previous pages.

NOTES:

As in the previous exercises create new files where necessary (using the same coding style as the other files in the site).

See "Shopping Cart Grade Sheet" for marking scheme used for all phases of the application.