

Ryan Collier's Test Plan

(AKA Assignment 10)

(I apologize for any holes or oddities, I don't really know what this is supposed to look like.)

Step 1: Creating a new user.

(Assuming that you got the files from <https://github.com/FidgetYou/CIS322> and started the database, etc.)

If/when I get the CLI (Client something Interaction) working you would probably run **activate_user.py** with bash with some things after it. Probably something like:

bash ./activate_user.py databaseName UserName Password L

(If I can swing it, L will be for Logistics Officer and O for the other one. Because no one wants to have to type out "Logistics" for every new hire. I expect to be updating this document a couple times at least.) I'll probably have the localhost and ports assumed to be local and 5432. There will probably be some kind of confirmation text.

Currently I use the web interface to add users. .../create_user (Just like all of the peer reviews.) This interface has a drop down menu for the job titles. I think it gives you a confirmation text. I can't remember if it takes you to the login screen after that. It probably does.

Step 2: Login to the system.

Go to the login page. Localhost or something/ or /login. If you type in the username and password that you created earlier, it should forward you to the /dashboard screen when you hit enter or click on the submit button. If you input something that doesn't match the database there should be a line of text that shows up letting you know. But I have had a little trouble with my error messages being cleared. (I wasn't exactly sure when to clear the sessions/error messages.) So there may also be a random message here sometimes.

Step 3: Add two facilities.

- a) There should be a button on **/dashboard** to bring you to the page where you can add a facility. You can also go to **/add_facility** to add a facility.
- b) Once there it is easy enough to give a name and code for the facility. (Code can be only up to 8 characters.) Once you hit the “Submit” button the facilities info that you inputted will be added to the database. A message should appear to this effect. Along with the name being added to the list of facility names on the page.
- c) Do part b again to add a second facility. After doing part b a second time, you can use the “back” button to go back to the dashboard, or simply point your browser back to **/dashboard**.

Step 4: Add two assets.

- a) here should be a button on **/dashboard** to bring you to the page where you can add an asset. You can also go to **/add_asset** in your browser to add a facility. You must add a facility before you can add an asset.
- b) Once you are on the correct web page, you can assign a name, and description to your new asset. Be sure to give the time of its arrival and pick the correct facility from the drop down menu! Once you hit the “Submit” button the asset info that you inputted will be added to the database. A message should appear to this effect. Along with the asset being added to the list of assets named on the page.
- c) Do part b again to add a second asset. After doing part b a second time, you can use the “back” button to go back to the dashboard, or simply point your browser back to **/dashboard**.

Step 5: Complete the asset transit process.

- a) When you are signed in as a Logistics Officer you will be able to start a transfer request. (This option should only be available if you are signed in as a Logistics Officer. If you are not a Logistics Officer, the button should not be present and any attempts to go to the **/transfer_req** page should redirect you to the **/dashboard** with an error message.) You can start a request by clicking on the button or directing your browser to the hosting website with the addition of

/transfer_req at the end of the URL. The transfer is begun by selecting the asset and the end location from two drop down menus. The first one lists the assets with their current location listed inside of parenthesis. The second drop down menu lists all of the facilities available. An error message should be shown if an asset has already been disposed of or is already at the desired destination. (And, possibly, if the asset has already been requested for transfer.) This should create a transfer request that can only be seen by a not Logistics Officer. (Or maybe only by someone who has the other job title, I don't quite remember the logic off the top of my head.)

- b) Stop being a Logistics Officer, and start being someone else. By clicking on the button labeled "I'm Outtie!" you will be logged off and be able to log in as a different user with a different job title. Pick a user that is not a Logistics Officer and log in. There should now be a link to transfer request on this user's **/dashboard** screen. (I would like to get this into a table. But we'll see how the time goes.) Clicking on the request should bring you to **/approve_req** where you can approve or deny the transfer of the asset to the desired location. There should be an error message that shows up if this is an invalid request. (But really it shouldn't have given you something to click on if it was invalid.) Clicking "Deny" will end the transfer request and take you back to the dashboard. Clicking on "Accept" will generate some stuff for the Logistics Officer to do and bring you back to the dashboard. (I can't quite remember if the requests disappear after you accept or deny them. They should, but I can't remember if it was working 100% correctly yet.)
- c) Go back to being a Logistics Officer. (Click "I'm Outtie" on the dashboard screen or direct your browser to **/login** and sign in as a Logistics Officer.) Now there should be some links to transfers listed above the regular dashboard buttons. Clicking on them should take you to the transfers screen. Or feel free to type **/update_transit** after the main web site's name in your browser's address bar. On this screen you will be given the option to add load or unload times to the asset to be transferred. I don't remember what the logic looks like at the moment. But hopefully it gives you error messages when you try to do weird stuff. I'm pretty sure it will notice if you don't put in a time. But I think you can "update" the times you put in. I also don't think it checks to see if the date of the transfer is before the date of the asset's arrival. (Though, that would be a good thing to add if I get the time.) After you hit submit, you will be sent back to the dashboard.
- d) I think that's all that there is to it. You're done transfer requesting.

Step 6: Dispose of an asset.

(Again, this option should only be available if you are signed in as a Logistics Officer. If you are not a Logistics Officer, the button should not be present and any attempts to go to the **/dispose_asset** page should redirect you to the **/dashboard** with an error message.)

There should be a button on **/dashboard** to bring you to the page where you can dispose of an asset. (I think it says “Trash You can also go to **/add_asset** in your browser to add a facility. You must add a facility before you can add an asset.

Step 7: Run each of the reports.

The reports are not currently functioning at this time. Look forward to changes in the near future! (Hopefully)