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CIS 322

Test Plan for Benjamin Gaultier

Steps:

1. Clone Github repo from shell:

```
git clone https://github.com/luked123/CIS_322.git - b assignment10
```

2. Make sure postgres is running:

```
 postgres –D (where your data is stored) >logfile 2>&1 &
```

3. Create database lost:

```
createdb lost
```

4. Run preflight go to my CIS_322 directory and run:

```
bash preflight.sh lost
```

5. Insert users. Go to CIS_322/clients run at least twice and with different roles:

```
python3 activate_user.py http://127.0.0.1:8080/ <username> <password>
<role logofc or facofc>
```

6. Login as logistics user:

   Go to http://127.0.0.1:8080/login and login as one of the logistics officer users you have created.

7. Add facilities:

   Either click on Add Facility once you have logged in or go to http://127.0.0.1:8080/add_facility. Add at least two facilities and see if they are displayed on that screen. Go back to dashboard.

8. Add assets:

   Either click on Add Asset or go to http://127.0.0.1:8080/add_asset.
   You should at least add 4 unique assets. Assign at least two of them to two different facilities. You can assign different dates or the same date. Same date would be easier to see all assets in the asset report.
   See if all assets are displayed on this page and go back to dashboard.

9. Dispose an asset:

   Either click on Dispose Asset or go to http://127.0.0.1:8080/dispose_asset. You should see a list of all current assets that are not disposed. Select an asset and dispose it. Click back into Dispose Asset and see if your asset that you disposed is not in the list. Once this is verified go back to the dashboard.

10. Complete a transfer request:

   Click on Transfer Request. You’ll have to manually type in an asset you created. If the asset is not at the source facility, you will get an error. Select the destination facility and submit. Should get a success screen. Go back to the dashboard by typing in http://127.0.0.1:8080/dashboard or the back button. Either request another transfer or logout from the dashboard. If you request a transfer on the same asset you will get an error screen indicating that this asset has already been requested to transfer.

11. Login as a Facilities Officer:

    Log back in as a facilities officer you created.

12. Approve requests:

    You should see a table of requests that need to be approved or denied. Click on the transfer ID and you will be redirected. Approve at least one transfer request. Once you have completed all requests, logout.

13. Login as a Logistics Officer:

    Log back in as a logistics officer.

14. Update Transfer Schedule:

    You should see a table of transfers. Click on a transfer ID and it will redirect you to update a transfer. Set a load time and unload time and hit submit. Make sure to remember these dates as it will be useful to see in the asset report table is correct. Once a transfer is complete it should still be in the table but if you try to edit this transfer you will get an error indicating a unload time was set and the asset has already transferred.

15. View Asset Report:

    Click on asset report from the dashboard. You will get a dropdown menu and a table underneath input fields. Do not select a facility for the first few runs. Select dates that either match the arrival dates you entered, the disposal dates you entered, or the load and unload dates you entered when you added assets, disposed assets, and transferred assets. Should display assets at any facility on date. After this select a facility and repeat. Should only show assets at specified facility. Verify that these dates match the data you inputted.

16. Revoke User go to CIS_322/clients and run:

    ```
    python3 revoke_user.py http://127.0.0.1:8080/ <username you created>
    ```

    Once ran try to login with this user. Should display that user has been revoked.

17. (Optional):

    Though it’s not required it would be nice to check for error inputs. This includes loging in with an invalid user/password pair, adding an asset that already exists, ect. Pretty much anything you could think of to test for robustness. You could also see if import and export data scripts work. This is up to you though and I don’t expect it. I know we are short on time so it’s all good.