

CIS 322 Assignment 10

Test Document

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GitHub: <https://github.com/238alexg/322>

- **Creating Users**

- To create a user, go to the /create_user route
- Type in a username, password, and role for each test account. Below are samples to illustrate the full functionality of the program:

Username	Password	Role
User1	Password	Logistics Officer
User2	1234Pass	Logistics Officer
User3	ThisIsAPassword	Facilities Officer
User4	FacOfficer42	Facilities Officer

- Upon creating a new user account, you should be directed to the dashboard.
- If you would like to create another user or log in to another user's account, click the log out button on /dashboard.

- **Login**

- To login to the website, go to the /login route
- Type in an existing username and password, and you will be taken to the /dashboard route.
- If the username doesn't exist, you will be redirected to the /create_user route.

- **Add 2 Facilities**

- To add a facility, navigate to the /dashboard route.
- Then, click on the Add Facility link. You should be redirected to the /add_facility route.
- When on the /add_facility route, type in the Facility Name and Facility Code and press Submit. The page should automatically reload with your facility displayed under "Current Facilities." Fantastic!

- Here are 2 example facilities to Add to illustrate the full functionality of the program:

Facility Name	Facility Code
Los Angeles	LA
Thunderdome	DOME

- If you enter a code or facility name that already exists, you should be redirected to the error page with the error, “Facility already exists!”
- Once you are finished, click on the “Go Back To Dashboard” link to go back to the /dashboard route.

- **Add 2 Assets**

- To add an asset, navigate to the /dashboard route.
- Then, click on the Add Asset link. You should be redirected to the /add_asset route.
- When on the /add_asset route, type in the Asset Tag and Description into the text inputs. Select a Facility from the drop-down menu. Then enter a date/time using the date input. Submit using the button.
- Here are 2 example assets to add to illustrate the full functionality of the program:

Asset Tag	Description	Facility	Date
HAT	A fine hat.	Los Angeles	March 14, 2017 1:01 AM
DOOM	Predicts the end of the world.	Thunderdome	Dec 31, 2012 11:59 PM

- If you enter an asset that already exists, you should be redirected to the error page with the error, “Asset with tag <tag> already exists!”
- Once you are finished, click on the “Go Back To Dashboard” link to go back to the /dashboard route.

- **Complete Asset Transfer**

- To complete an asset transfer, navigate to the /dashboard route.
- If you logged in as a logistics officer, you should see the “Dispose Asset” link on the /dashboard route

- If not, log out and log in as a logistics officer or create a new account with “Logistics Officer” in the Role input.
 - Click on the Transfer Request link. You should be directed to the /transfer_req route.
 - All the assets you have added should appear with their tag and facility listed under “Outstanding Assets”
 - To request a transfer, select the starting Facility from the first dropdown menu, and the destination facility from the second dropdown menu. Then type in the asset tag you wish to transport in the text input, and click “Request Transfer”
 - If the asset does not exist, the source facility is the same as the destination facility, or the source facility is not where the asset is currently located, you will be redirected to the error page.
 - Once you are redirected to the success page, click the “Back to the Dashboard” link and then click the “Logout” link.
 - Log in as a facilities officer.
 - When you log in as a facilities officer, you should see as many asset transfer requests as you have submitted.
 - Click on one, and you will be redirected to a page with 2 buttons. To approve an asset transfer request, click approve. To disapprove (and remove the entry from the database) click Disapprove.
 - In either case you will be redirected to the /dashboard route and that entry will no longer be listed.
 - Click logout and log back in as a logistics officer.
 - You should now see an approved asset transfer under “Assets Before Loading”. Click on that asset, and you will be taken to a page asking for the load time to be submitted.
 - Enter an arbitrary date, and click on the confirm button.
 - You will be redirected to the /dashboard route and should see the recently loaded asset under “Assets In Transit”
 - Click that asset and you will be redirected to a page asking for the unload time. Enter an arbitrary date and click the submit button.
 - You will then be redirected to the /dashboard route, and the transfer will no longer be listed. Success!
- Complete Asset Disposal
 - To complete an asset disposal, navigate to the /dashboard route.

- If you logged in as a logistics officer, you should see the “Dispose Asset” link on the /dashboard route
 - If not, log out and log in as a logistics officer or create a new account with “Logistics Officer” in the Role input.
- Click on the Dispose Asset link. You should be directed to the /dispose_asset route.
- All the assets you have added should appear with their tag and description listed under “Current Assets”
- To dispose of an asset, enter one of the asset tags from the listing, as well as an arbitrary date.
 - If the tag does not exist, you will be redirected to the error page.
 - If the asset has already been disposed, you will be redirected to the error page.
- Complete Asset Report
 - To complete an asset report, navigate to the /dashboard route.
 - Click on the Asset Report link. You should be directed to the /asset_report route.
 - Enter a Facility from the dropdown menu, and enter a date for if the asset was in possession at that date.
 - Click generate report, and all assets from that facility on that date will appear in the Asset Report
 - Example with data: Los Angeles on March 14, 2017 1:01 AM should yield the HAT asset as a result.
- Complete Transfer Report
 - To complete an asset report, navigate to the /dashboard route.
 - Click on the Transfer Report link. You should be directed to the /transfer_report route.
 - Enter a date for if the asset was in transit on that date.
 - Click generate report, and all assets in transit on that date will appear in the Transfer Report
 - Example with data: Use the load date from the transfer section to view the asset transfer.