Features tested

Order creation

Order modification

Order completion

Order search

Inventory entry creation

Inventory entry modification

Inventory entry deletion

Inventory search

Test script summaries

test_inventory_modification()

Starting from the home page, navigates to the inventory page, creates a new drug entry, modifies it, then deletes it.

test_order_modification()

Starting from the home page, navigates to the inventory page, creates a new drug entry, navigates back to the home page, creates a new order with the newly added drug, modifies the order, then completes it.

test_search()
Starting from the home page, navigates to the orders page, enters an order name search, clicks search button, checks top result for match, prints match or not, navigate to inventory and repeat with drug name.

Test outputs

Testing inventory modification:

DevTools listening on ws://127.0.0.1:63787/devtools/browser/bc6e3b6d-b11c-488b-8501-4affb1ee3f40
Opened app homepage.
Clicked navigation toggle button.
Found inventory.
Clicked modify inventory Button
Input Name
Input Quantity
Select add operation
Drug successfully added
Clicked modify inventory Button
Input Name
Input Quantity
Select subtract operation
Drug successfully subtracted
Clicked navigation toggle button.
Clicked modify inventory Button
Input Name
Input Quantity
Select remove operation
Drug successfully removed
Inventory modification testing complete

Testing order modification:

DevTools listening on ws://127.0.0.1:63837/devtools/browser/66f2d65c-92c2-480a-bb6e-81be6049e4ee
Opened Home page.
Clicked navigation toggle button.
Navigated to Inventory
Clicked modify inventory Button
Inputted Name

Inputted Quantity
Selected add drug mode
Clicked confirm to add drug to inventory
Drug successfully added
Clicked navigation toggle button.
Navigated to Orders page
Clicked add order button
Inputted Name
Inputted Drug
Inputted Quantity
Clicked confirm to add order
Order successfully added
Clicked modify order button
Inputted Quantity
Clicked confirm to modify order
Order successfully modified
Clicked complete order button
Clicked confirm to complete order
Order successfully completed
Order modification testing complete

Testing search:

DevTools listening on ws://127.0.0.1:63990/devtools/browser/f751755c-0a14-43ba-bdd5-8e8273cb2d4b
Opened app homepage.
Clicked navigation toggle button.
Found orders.
Enter search name
Click search
Check name of Top Search
Order search successful
Clicked navigation toggle button.
Found inventory.
Enter search name
Click search
Check name of Top Search
Inventory search successful

Search Testing Complete

Test execution instructions

Make sure you have selenium, and webdriver-manager installed

```
pip install selenium
pip install webdriver-manager
```

Once you have the tools installed, start the app

```
python app.py testing
```

Finally, in a new terminal, run the end to end test script

```
python test_e2e.py
```

Task distribution

Alex Sun - Aleyssu

- Creation of test_order_modification E2E test

Nick Axani - NickAxani

- Creation of test_search E2E test

Ewan Peterson – Ewan-Peterson

- Creation of test_inventory_modification E2E test