Operator Query Tool Behaviour Driven Development

Scenario #1:

Given an operator account…

When I login…

And submit the modes query…

Then I see all the modes of transport.

Steps:

- Start at homepage
- Login to account
- Go to query page
- Select mode query
- Make query request
- View query results

Scenario #2:

Given an operator account…

When I login…

And input optional arguments…

And submit the operators query…

Then I see all the appropriate operator accounts.

Steps:

- Start at homepage
- Login to account
- Go to query page
- Select operator query
- Input optional arguments
- Make query request
- View query results

The integration testing to test these scenarios was done using selenium. The results are shown below, indicating that both tests passed and the functional requirements are met.

```
Anaconda Prompt                                                          —    □    ✕

(rango) C:\Users\david\Workspace\cs21-main\operators_query_tool>python manage.py test operators
Creating test database for alias 'default'...
System check identified no issues (0 silenced).

DevTools listening on ws://127.0.0.1:54448/devtools/browser/671a42ef-92b4-4559-9f54-9cef65a7c989
Testing Scenario #1 - Making mode query
[10000:15772:0122/152922.838:ERROR:device_event_log_impl.cc(211)] [15:29:22.840] USB: usb_device_handle_win.cc:1049 Fail
ed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
[10000:15772:0122/152922.858:ERROR:device_event_log_impl.cc(211)] [15:29:22.861] USB: usb_device_handle_win.cc:1049 Fail
ed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
Scenario #1 successfully completed
.
DevTools listening on ws://127.0.0.1:54483/devtools/browser/7cdeb46e-bf25-4cd1-b0dd-306f48f3a8a9
Testing Scenario #2 - Making Operator Query
[13072:5304:0122/152935.392:ERROR:device_event_log_impl.cc(211)] [15:29:35.400] USB: usb_device_handle_win.cc:1049 Faile
d to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
[13072:5304:0122/152935.392:ERROR:device_event_log_impl.cc(211)] [15:29:35.401] USB: usb_device_handle_win.cc:1049 Faile
d to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)
Scenario #2 successfully completed
.
----------------------------------------------------------------------
Ran 2 tests in 37.140s

OK
Destroying test database for alias 'default'...

(rango) C:\Users\david\Workspace\cs21-main\operators_query_tool>
```