Customer Query Tool Behavior Driven Development

Scenario #1

Given a customer account…

When I login…

And submit the purchases query…

Then I see all the purchases made by this user account.

Steps:

- Start at homepage
- Login to account
- Go to my account page
- Go to PSD Ferries account page
- Select purchases query
- View query results

Scenario #2

Given a customer account…

When I login…

And submit the concessions query…

Then I see all the concessions owned by this user account.

Steps:

- Start at homepage
- Login to account
- Go to my account page
- Go to PSD Ferries account page
- Select concessions query
- View query results

Scenario #3

Given a customer account…

When I login…

And submit the usages query…

Then I see all usages from this user account.

Steps:

- Start at homepage
- Login to account
- Go to my account page
- Go to PSD Ferries account page
- Select usages query
- View query results

Scenario #4

Given a customer account…

When I login…

And link the CS21 account…

And submit the linked account purchases query…

Then I see all purchases from the linked account.

Steps:

- Start at homepage
- Login to account
- Go to my account page
- Go to link account page
- Decide if CS21 account is already linked or not
- Link CS21 account if it was not already linked
- Go to linked accounts page
- Select purchases query
- View query results

Scenario #5

Given a customer account…

When I login…

And link the CS21 account…

And submit the linked account concessions query…

Then I see all concessions from the linked account.

Steps:

- Start at homepage
- Login to account
- Go to my account page
- Go to link account page
- Decide if CS21 account is already linked or not
- Link CS21 account if it was not already linked
- Go to linked accounts page
- Select concessions query
- View query results

Scenario #6

Given a customer account…

When I login…

And link the CS21 account…

And submit the linked account usages query…

Then I see all usages from the linked account.

Steps:

- Start at homepage
- Login to account
- Go to my account page
- Go to link account page
- Decide if CS21 account is already linked or not

- Link CS21 account if it was not already linked
- Go to linked accounts page
- Select usages query
- View query results

Scenario #7

When I register a new customer account…

And link the CS21 account to it…

Then the linking is successful, and I can see all the purchases/concessions/usages from CS21 account.

Steps:

- Start at homepage
- Create a new account
- Go to my account page
- Go to link account page
- Link CS21 account

The integration testing to test these scenarios was done using selenium. The results are shown below, indicating that all the tests passed.

```
Anaconda Prompt (anaconda3)                                             —    □    ×

(operator) C:\Repositories\cs21-main\customer_query_tool>python manage.py test customers
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
Testing Scenario #5 - Linking an account and making the concessions query
Scenario #5 successfully completed
.Testing Scenario #4 - Linking an account and making the purchases query
Scenario #4 successfully completed
.Testing Scenario #6 - Linking an account and making the usages query
Scenario #6 successfully completed
.Testing Scenario #2 - Making concessions query
Scenario #2 successfully completed
.Testing Scenario #1 - Making purchases query
Scenario #1 successfully completed
.Testing Scenario #3 - Making usages query
Scenario #3 successfully completed
.Testing Scenario #7 - Creating and linking an account
Scenario #7 successfully completed
.
----------------------------------------------------------------
Ran 7 tests in 152.098s

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

(operator) C:\Repositories\cs21-main\customer_query_tool>
```