Test Summary

As described in the Test Plan, we test the create, read, update and delete actions for for the Organizations, Donors, and Inventories pages. We do not have any manual tests for our application.

### Cucumber Test Execution

httruongs:~/workspace/team\_fuel (master) $ cucumber

Using the default profile...

Feature:

As a staff member,

I want to add, edit, delete, and show information in Inventory page,

So that I can update information as I want on Inventory page.

Background: Inventories in database # features/inventories\_testing.feature:5

Given the following inventories exist: # features/step\_definitions/web\_steps.rb:268

| itemnum | orgnum | quantity | expires | category |

| 1234 | UNO | 12 | 2019/August/19 | Can |

Scenario: Connect to 'Inventories' page # features/inventories\_testing.feature:11

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Inventory" # features/step\_definitions/web\_steps.rb:56

Then I should be on the Listing Inventories page

# features/step\_definitions/web\_steps.rb:230

Scenario: Add a new inventory to page # features/inventories\_testing.feature:16

Given I am on the Listing Inventories page # features/step\_definitions/web\_steps.rb:44

When I follow "Add to Inventory" # features/step\_definitions/web\_steps.rb:56

And I fill in "ItemNum" with "1345" # features/step\_definitions/web\_steps.rb:60

And I fill in "Organization" with "PKI" # features/step\_definitions/web\_steps.rb:60

And I fill in "Quantity" with "2100" # features/step\_definitions/web\_steps.rb:60

And I press "Save" # features/step\_definitions/web\_steps.rb:52

Then I should see "1345" # features/step\_definitions/web\_steps.rb:105

Scenario: Edit the existing inventories to page # features/inventories\_testing.feature:25

Given I am on the Fuel Donation Management System home page # features/step\_definitions/web\_steps.rb:44

When I follow "Inventory" # features/step\_definitions/web\_steps.rb:56

And I follow "Edit" # features/step\_definitions/web\_steps.rb:56

And I fill in "Organization" with "UNOmaha" # features/step\_definitions/web\_steps.rb:60

And I press "Save" # features/step\_definitions/web\_steps.rb:52

Then I should see "UNOmaha" # features/step\_definitions/web\_steps.rb:105

Scenario: Delete an existing inventory to page

# features/inventories\_testing.feature:33

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Inventory" # features/step\_definitions/web\_steps.rb:56

And I delete the Inventory with the number of "1234"

# features/step\_definitions/web\_steps.rb:295

And a confirmation box saying "Are you sure?" should pop up

# features/step\_definitions/web\_steps.rb:274

And I want to click "Ok" # features/step\_definitions/web\_steps.rb:278

Then I should not see "1234" # features/step\_definitions/web\_steps.rb:123

Scenario: Show an existing record of inventory # features/inventories\_testing.feature:41

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Inventory" # features/step\_definitions/web\_steps.rb:56

And I show the Inventory with the number of "1234"

# features/step\_definitions/web\_steps.rb:299

Then I should see "1234" # features/step\_definitions/web\_steps.rb:105

Scenario: Check for the duplicated item number for Inventory

# features/inventories\_testing.feature:49

Given I am on the Listing Inventories page # features/step\_definitions/web\_steps.rb:44

When I follow "Add to Inventory" # features/step\_definitions/web\_steps.rb:56

And I fill in "ItemNum" with "1234" # features/step\_definitions/web\_steps.rb:60

And I fill in "Organization" with "UNO" # features/step\_definitions/web\_steps.rb:60

And I fill in "Quantity" with "200" # features/step\_definitions/web\_steps.rb:60

And I press "Save" # features/step\_definitions/web\_steps.rb:52

Then a confirmation box saying "Itemnum has already been taken" should pop up

# features/step\_definitions/web\_steps.rb:274

Feature: Testing Items page

As a staff member,

I want to click a button on the homepage, add new item,

So that I can navigate directly to the Items page.

Background: An empty database from beginning and store organization name when added # features/items\_testing.feature:5

Given the following items exist: # features/step\_definitions/inventories\_steps.rb:1

| itemName | category |

| 12345 | Canned |

Scenario: Connect to 'Current Items' page # features/items\_testing.feature:10

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Current Items" # features/step\_definitions/web\_steps.rb:56

Then I should be on the Current Items page

# features/step\_definitions/web\_steps.rb:230

Scenario: Add a new item to page # features/items\_testing.feature:16

Given I am on the Current Items page # features/step\_definitions/web\_steps.rb:44

When I follow "New Item" # features/step\_definitions/web\_steps.rb:56

And I fill in "Item" with "12347" # features/step\_definitions/web\_steps.rb:60

And I select "Canned" from "Category" # features/step\_definitions/web\_steps.rb:85

And I press "Create Item" # features/step\_definitions/web\_steps.rb:52

Then I should see "12347" # features/step\_definitions/web\_steps.rb:105

Scenario: Edit an existing item to page # features/items\_testing.feature:24

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Current Items" # features/step\_definitions/web\_steps.rb:56

And I edit the Item with the number of "12345" # features/step\_definitions/web\_steps.rb:303

And I fill in "Item" with "12346" # features/step\_definitions/web\_steps.rb:60

And I press "Update Item" # features/step\_definitions/web\_steps.rb:52

Then I should see "12346" # features/step\_definitions/web\_steps.rb:105

Scenario: Delete an existing item to page #features/items\_testing.feature:32

Given I am on the Fuel Donation Management System home page # features/step\_definitions/web\_steps.rb:44

When I follow "Current Items" # features/step\_definitions/web\_steps.rb:56

And I delete the Item with the number of "12345"

# features/step\_definitions/web\_steps.rb:307

And a confirmation box saying "Are you sure you want to delete this item?" should pop up

# features/step\_definitions/web\_steps.rb:274

And I want to click "Ok"

# features/step\_definitions/web\_steps.rb:278

Then I should not see "12345"

# features/step\_definitions/web\_steps.rb:123

Scenario: Show an existing record of item # features/items\_testing.feature:40

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Current Items" # features/step\_definitions/web\_steps.rb:56

And I show the Item with the number of "12345" # features/step\_definitions/web\_steps.rb:311

Then I should see "12345" # features/step\_definitions/web\_steps.rb:105

Feature: Testing Organization page

As a staff member,

I want to click a button on the homepage, add new organization

So that I can navigate directly to the Organizations page.

Background: An empty database from beginning and store organization name when added

# features/organization\_testing.feature:5

Given the following organizations exist: # features/step\_definitions/web\_steps.rb:262

| org\_name | address | phone | contact\_id |

| UNO | 6700 Dodge St | 402-654-9874 | Huong |

Scenario: Connect to 'Current Organizations' page # features/organization\_testing.feature:10

Given I am on the Fuel Donation Management System home page # features/step\_definitions/web\_steps.rb:44

When I follow "Current Organizations" # features/step\_definitions/web\_steps.rb:56

Then I should be on the Current Organizations page # features/step\_definitions/web\_steps.rb:230

Scenario: Add a new organization to page # features/organization\_testing.feature:16

Given I am on the Current Organizations page # features/step\_definitions/web\_steps.rb:44

When I follow "New Organization" # features/step\_definitions/web\_steps.rb:56

And I fill in "Organization" with "UNO" # features/step\_definitions/web\_steps.rb:60

And I fill in "Address" with "6700 Dodge Street" # features/step\_definitions/web\_steps.rb:60

And I fill in "Phone" with "402-554-2100" # features/step\_definitions/web\_steps.rb:60

And I fill in "Contact" with "Huong" # features/step\_definitions/web\_steps.rb:60

And I press "Create Organization" # features/step\_definitions/web\_steps.rb:52

Then I should see "UNO" # features/step\_definitions/web\_steps.rb:105

Scenario: Edit an existing organization to page # features/organization\_testing.feature:26

Given I am on the Fuel Donation Management System home page # features/step\_definitions/web\_steps.rb:44

When I follow "Current Organizations" # features/step\_definitions/web\_steps.rb:56

And I follow "Edit" # features/step\_definitions/web\_steps.rb:56

And I fill in "Organization" with "UNOmaha" # features/step\_definitions/web\_steps.rb:60

And I press "Update Organization" # features/step\_definitions/web\_steps.rb:52

Then I should see "UNOmaha" # features/step\_definitions/web\_steps.rb:105

Scenario: Delete an existing organization to page # features/organization\_testing.feature:34

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Current Organizations" # features/step\_definitions/web\_steps.rb:56

And I delete the Organization with the Name of "UNO"

# features/step\_definitions/web\_steps.rb:287

And a confirmation box saying "Are you sure you want to delete this organization?" should pop up # features/step\_definitions/web\_steps.rb:274

And I want to click "Ok" # features/step\_definitions/web\_steps.rb:278

Then I should not see "UNO" # features/step\_definitions/web\_steps.rb:123

Scenario: Show an existing record of organization # features/organization\_testing.feature:42

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Current Organizations" # features/step\_definitions/web\_steps.rb:56

And I show the Organization with the Name of "UNO"

# features/step\_definitions/web\_steps.rb:291

Then I should see "UNO" # features/step\_definitions/web\_steps.rb:105

Feature: Checking CRUD functions for Donors page

As a staff member

I want to create new donor, edit donor and check for my action been executed successfully,

So that I can update new donors and make sure I have succeeded to my actions.

Background: Donor in database # features/update\_donor\_attributes.feature:7

Given the following donors exist: # features/step\_definitions/web\_steps.rb:256

| donorName | phoneNum |

| XYZ Corp | 402-654-9874 |

| Test Inc. | 402-111-1111 |

Scenario: Access donors page from home page # features/update\_donor\_attributes.feature:14

Given I am on the Fuel Donation Management System home page

# features/step\_definitions/web\_steps.rb:44

When I follow "Current Donors" # features/step\_definitions/web\_steps.rb:56

Then I should be on the Current Donors page # features/step\_definitions/web\_steps.rb:230

Scenario: Access to New Donor page # features/update\_donor\_attributes.feature:20

Given I am on the Current Donors page # features/step\_definitions/web\_steps.rb:44

When I follow "New Donor" # features/step\_definitions/web\_steps.rb:56

And I fill in "Name" with "Mike Crook" # features/step\_definitions/web\_steps.rb:60

And I fill in "Phone" with "402-554-9067" # features/step\_definitions/web\_steps.rb:60

And I press "Create Donor" # features/step\_definitions/web\_steps.rb:52

Then I should see "Mike Crook" # features/step\_definitions/web\_steps.rb:105

Scenario: Access edit donors form from donors page

# features/update\_donor\_attributes.feature:28

Given I am on the donors page # features/step\_definitions/web\_steps.rb:44

When I follow "XYZ Corp" # features/step\_definitions/web\_steps.rb:56

Then I follow "Edit" # features/step\_definitions/web\_steps.rb:56

And I fill in "Phone" with "555-987-1234" # features/step\_definitions/web\_steps.rb:60

And I press "Update Donor" # features/step\_definitions/web\_steps.rb:52

And I follow "XYZ Corp" # features/step\_definitions/web\_steps.rb:56

Then I should see "Phone: 555-987-1234" # features/step\_definitions/web\_steps.rb:105

Scenario: Checking for adding function message pop up

# features/update\_donor\_attributes.feature:38

Given I am on the Current Donors page # features/step\_definitions/web\_steps.rb:44

When I follow "New Donor" # features/step\_definitions/web\_steps.rb:56

And I fill in "Name" with "Mike Crook" # features/step\_definitions/web\_steps.rb:60

And I fill in "Phone" with "402-554-9067" # features/step\_definitions/web\_steps.rb:60

And I press "Create Donor" # features/step\_definitions/web\_steps.rb:52

Then a confirmation box saying "Donor was successfully added!" should pop up

# features/step\_definitions/web\_steps.rb:274

Scenario: Checking for edit function message pop up

# features/update\_donor\_attributes.feature:46

Given I am on the donors page # features/step\_definitions/web\_steps.rb:44

When I follow "XYZ Corp" # features/step\_definitions/web\_steps.rb:56

Then I follow "Edit" # features/step\_definitions/web\_steps.rb:56

And I fill in "Phone" with "555-987-1234" # features/step\_definitions/web\_steps.rb:60

And I press "Update Donor" # features/step\_definitions/web\_steps.rb:52

Then a confirmation box saying "Donor was successfully updated!" should pop up

# features/step\_definitions/web\_steps.rb:274

### Cucumber Test Summary

21 scenarios (21 passed)

134 steps (134 passed)

0m2.614s

Coverage report generated for Cucumber Features to /home/ubuntu/workspace/team\_fuel/coverage. 41051 / 78271 LOC (52.45%) covered

### Unit Test Execution

httruongs:~/workspace/team\_fuel (master) $ rspec

DonorsController

update a donor phone number

should modify the donor attributes

InventoriesController

GET #index

assigns all inventories as @inventories

GET #show

assigns the requested inventory as @inventory

GET #new

assigns a new inventory as @inventory

GET #edit

assigns the requested inventory as @inventory

POST #create

with valid params

creates a new Inventory

assigns a newly created inventory as @inventory

redirects to the created inventory

with invalid params

assigns a newly created but unsaved inventory as @inventory

re-renders the 'new' template

PUT #update

with valid params

updates the requested inventory

assigns the requested inventory as @inventory

redirects to the inventory

with invalid params

assigns the inventory as @inventory

re-renders the 'edit' template

DELETE #destroy

destroys the requested inventory

redirects to the inventories list

Donor

is valid with valid attributes

is not valid without a donorName

is not valid without a phoneNum

Inventory

is not valid without the category

Item

is valid with valid attributes

is not valid without an item name

is not valid without a category

Inventories

GET /inventories

works! (now write some real specs)

InventoriesController

routing

routes to #index

routes to #new

routes to #show

routes to #edit

routes to #create

routes to #update via PUT

routes to #update via PATCH

routes to #destroy

inventories/edit

renders the edit inventory form

inventories/index

renders a list of inventories

inventories/new

renders new inventory form

inventories/show

renders attributes in <p>

Finished in 1.25 seconds (files took 3.85 seconds to load)

37 examples, 0 failures

### Manually Test for Sorting function on Organizations and Donors pages

|  |  |  |  |
| --- | --- | --- | --- |
| Description of what was tested | Sample input | Expected output | Test Result (pass/ fail) |
| On Donors page, we test for the sorting function alphabetically ascending for Donor column. | There are four records at the Donor column on Donors page, with named “Huong, Lauren, Aaron, Michael”. When user click on Donor link at the Donor column | The The sorting function expect to see alphabetically “Aaron, Huong, Lauren, Michael” | Passed test |
| On Donors page, we test for the sorting function alphabetically ascending for Phone column | There are four records at the Phone column on Donors page, with numbers “402-123-4786” “402-567-6758”  “238-786-4567”  “390-765-9875”  User click on Phone column | The expected sorting function give the output of the smallest to largest number as below  “238-786-4567”  “390-765-9875”  “402-123-4786” “402-567-6758” | Passed test |
| On Organization page, we test for the sorting function alphabetically ascending for Organization column | There are two records at the Organization page, with name “UNO”  “PKI”  User click on Organization column | The expected sorting function give the output alphabetically as: “PKI”  “UNO” | Passed test |

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