System and Unit Test Report

Product Name: Online Retail Administration
Team Name: Online Retail Administration
Date: November 21,2016

A) User story 1 from sprint 1: As a user I need an interface to administer my web site so that I can easily run reports and create products without developer support.

B) User story 3 from sprint 1:As a developer I need supplier product data stored in a consistent manner so that I may use it to create products.

C) User story 4 from sprint 1: As a business owner, I need to see reports for my business so that I can operate efficiently.

D) User story 1 from sprint 2: As an online store operator, I need to be able to add and remove products from my store without the assistance of a developer so that I can increase efficiency and profitability.

Scenario 1 (A):

1. Go the Online Retail Administration website using your prefere explorer.
2. Click on Login button on top right of the page and choose the sign up.
3. Type :
    a. First name = Jim
    b. Last name = Daniel
    c. Email = jim@daniel.com
    d. Password = JGDaniel2017
    e. Confirm Password = JGDaniel2017
4. Click on Sign up
5. User will be directed to the home page and in this page user has ability of manage products, manage tags for the product, manage images for each product, view the inventory and get many different reports.

Scenario 2 (B):

1. Click on the Data Normalization from the main navigation bar
2. Choose the desire supplier from the drop down menu.

3. User will see list of all the fields from the chosen supplier on the left side and a drop down menu on the right side.
4. For each of the fields from supplier table select equivalent field.
5. Click Normalization
6. User now will have all the data from that supplier in the her/ his product table and ready to add.

Scenario 3 (C) :

1. Click on the statistic on the main navigation
2. There would be a report page that shows the total sales and revenue

Scenario 4 (D):

1. Click on the product link on the main navigation bar
2. There would be list of all product from different suppliers
3. Click on the plus button to add any of them into the inventory and that product would show up in your website as a product ready to sell automatically.
4. There would be also the ability to edit before adding the product. For editing click on the edit button on the right side of the add button.
5. Edit the content and then click the save button to add the product to the website.

List of Tested Functions

A. Python Functions

i. <u>Page:</u> default.py

<u>Main Functions</u>

index()->html -- Function sends to index page with overview chart data

products()->html -- Manage products.

      edit_products -- Edit a product.

      add_product() -- Adds a new product.

stats()->html -- Displays charts using data from database.

      get_top_products() -- Database sorts top products and returns top 10

      get_sales_by_location() -- Database sorts location and limits by number of

            sales to display and the dates.

      top_suppliers -- Database sorts supplier from database.

      amount_by_supplier -- Shows the amount of money made from a supplier.

supplier()->html -- Allows user to view and edit suppliers.

      Includes arg conditionals = ['add', 'edit', 'delete']

      'add' - add a new supplier.

      'edit' - edit a supplier.

      'delete' - delete a supplier

staff()->html -- Page used to assign permissions to staff. Requires admin privilege to

      access.

tags()->html

normalization()->html

<u>Subroutines</u>

parse_url(url) -- Unnecessary, parses url for previous page redirect.

check_user() -- Checks if user is logged in by testing auth.user for None.

check_admin() -- Check whether user has admin privileges.

B. Javascript Functions

ii. <u>Page:</u> share.js

product_add(id) -- Adds a new product to database.
product_edit(event) -- Edits a product in the database.
product_save(id) -- Save product from database table products to database table
        inventory.
tag_open(id) -- Opens a new tag.
tag_save() -- Saves a tag to inventory table in database.

iii. <u>Page:</u> general.js

show_supplier_form() -- Shows the add new supplier form.
hide_supplier_form() -- Hides the add new supplier form.
show_supplier_form_edit(id) -- Shows the supplier edit form.
hide_supplier_form_edit(id) -- Hides the supplier edit form.
show_staff_edit_form(id) -- Shows the staff edit form.
hide_staff_edit_form(id) -- Hides the staff edit form.

I.System Test Scenarios

Scenario: Sprint 1

A. As an store manager, I need to see my sales by day/week/month/year so I can understand how much product I have sold.

B. As a online store manager I need supplier product data stored in a consistent manner so that I may use it to create products.

C. As an online store manager, I need to be able to set tags to products to be able to organize my products in such a way to be searchable by the customer.

   1. Login to the Online Retail Administration webapp
               - Click the login button.
               - Enter e-mail: <vs@gmail.com>
               - Enter password: <qwe123>
               - Enter credentials and hit submit
               - If an account has not already been created, click signup
               - An administrator of the site must grant the new account manager privileges to
                       access the sites full functionality.

2. Click on the link labeled stats in the navigation bar.
                        - Locate the chart at the bottom of the page.
                        - Click between week/month/quarter to view sales.

3. Click on the link labeled products in the navigation bar.
                        - The products page display all the items from ACTIVE suppliers
                        - Click the edit button, the icon with the pen and paper.
                        - Edit a field.
                        - Click submit to update changes.
                        - Click on the green + sign to add the product to inventory
                        - This allows for the product to be displayed on the web store.

4. Click on the link labeled tags in the navigation bar.
                        - Click on the product you want to add tags to.
                        - Verify that two tabs were available allowing modification of tags as well as
association of tags with existing products.
                        -Clicked into tags creation and validated that tags could be created by clicking add.
                        -Verified data from tags in the database
                        - Clicked on tag association tab and selected check boxes and save to ensure that
tag association records were first searched in the database and updated if necessary.

Scenario: Sprint 2

A. As an online store operator, I need to be able to remove products from my store without the
assistance of a developer so that I can increase efficiency and profitability.

B. As an online store operator, I need to be able to add products to my store without the
assistance of a developer so that I can increase efficiency and profitability.

C. As an online store operator, I need to be able to normalize the data I receive from the suppliers
so that I can choose which products to display on my store.

1. Login to the Online Retail Administration webapp
                        - Click the login button.
                        - Enter e-mail: <vs@gmail.com>
                        - Enter password: <qwe123>
                        - Enter credentials and hit submit
                        - If an account has not already been created, click signup
                        - An administrator of the site must grant the new account manager privileges to
                                access the sites functionality.

2. Click on the link labeled products on the navigation bar.
                        - The products page display all the items from ACTIVE suppliers

- Click the delete button, the icon with the trash can.

3. Click on the link labeled products on the navigation bar.
   - Click the green plus icon to create a new item

Scenario: Sprint 3

A. As a developer, I need the product pictures organized in a way that it is useable by an automated system to create product profiles.

B. As an online store operator, I need to be able to (modify) activate, deactivate, add and delete suppliers so that I can increase efficiency and profitability.

C. As an administrator, I need to be able to edit permissions of my staff so that I can manage the security of my web store.

1. Login to the Online Retail Administration webapp
   - Click the login button.
   - Enter e-mail: <vs@gmail.com>
   - Enter password: <qwe123>
   - Enter credentials and hit submit
   - If an account has not already been created, click signup
   - An administrator of the site must grant the new account manager privileges to

   access the sites functionality.

2. Click on the link labeled products on the navigation bar.
   - The products page display all the items from ACTIVE suppliers
   - Click the delete button, the icon with the trash can.

3. Click on the link labeled suppliers on the navigation bar.
   - To deactivate a supplier, click the edit button and change active to disabled.
   - To activate a supplier, click on the edit button and change disabled to active.
   - To add a supplier, click on the add supplier button, type in the credentials of the supplier, then hit submit.
   - To delete a supplier, click on the delete button next to the supplier.