

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_1

Test Priority (Low/Medium/High): Low

Module Name: Home page

Test Title: Display of Home page

Description: Home page

Test Designed by: Sarah Elena Binti Zamizan

Test Designed date: January 7th, 2021

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Execution date: January 12th, 2021

Pre-conditions:

1. Access web through web browser

Dependencies:

1. Requires test case TC_CUST_2 for header
2. Requires test case TC_CUST_3 for footer

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Navigate to home page	Web app displays slider header, latest products on sale, 'About Us' section and footer which displays latest products, best selling products and top rated products.	Result is as expected.	Pass
2	Click on buttons on slider	Slider shows previous or next image	Result is as expected.	Pass

Post-conditions:

1. User successfully navigates through the home page.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_2

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): Low

Test Designed date: January 7th, 2021

Module Name: Abella Scent'z web app header

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Test header

Test Execution date: January 12th, 2021

Description: Test links and buttons on header. Header is used in all pages of the user interface for all customers.

Pre-conditions:

1. All links on the header are valid links.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on <i>Abella Scent'z</i> logo	User is navigated to the web's <i>Home</i> page	Result is as expected.	Pass
2	Click on <i>Search</i> icon button	Web app display input field for user to insert	Result is as expected.	Pass
3	Insert valid input in search field <i>E.g: Search About</i>	Web app displays search results.	Result is as expected.	Pass
4	Click on any of the search result	User is navigated to the respective page.	Result is as expected.	Pass
5	Click on <i>Home</i> button	User is navigated to the web's <i>Home</i> page	Result is as expected.	Pass
6	Click on <i>Product</i> button	User is navigated to the <i>Shop</i> page	Result is as expected.	Pass

7	Click on <i>Login</i> button	A modal box containing <i>Login</i> and <i>Register</i> form is displayed	Result is as expected.	Pass
8	Click on <i>Cart</i> button	User is navigated to <i>Cart</i> page	Result is as expected.	Pass

Post-conditions:

Users are directed to the respective web page.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_3

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): Low

Test Designed date: January 7th, 2021

Module Name: Abella Scent'z website footer

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Test Footer

Test Execution date: January 12th, 2021

Description: Test links and buttons on footer. Footer is used in all of the user interfaces for all customers.

Pre-conditions:

1. All links on the footer are valid links.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on any product name from <i>Latest</i> section	User is navigated to the <i>Product</i> page which displays details of the following product.	Result is as expected.	Pass
2	Click on any product name from <i>Best Selling</i> section	User is navigated to the <i>Product</i> page which displays details of the following product.	Result is as expected.	Pass
3	Click on any product name from <i>Top Rated</i> section	User is navigated to the <i>Product</i> page which displays details of the following product.	Result is as expected.	Pass
4	Click on <i>Scroll to Top</i> button	User will be directed to the top of the page	Result is as expected.	Pass

Post-conditions:

Users are directed to the respective web page.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_4

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): Medium

Test Designed date: January 7th, 2021

Module Name: Contact page

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: View "About Us" & Company Info

Test Execution date: January 12th, 2021

Description: Test display of company background and contact info

Pre-conditions:

1. Access web through web browser

Dependencies:

1. Requires test case TC_CUST_2 for header
2. Requires test case TC_CUST_3 for footer

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Navigate to <i>Contact</i> page Check post-condition 1	Web app displays a header, company's address and contact info, 'About Us' section, "Send an Email" section and footer.	Result is as expected.	Pass
2	Click <i>Submit</i> button with filled input field for name, filled input field for email and filled input field for message. Check post-condition 2	E-mail successfully submitted.	Result is as expected.	Pass
3	Click the Submit button with at least one input field unfilled.	Web app displays an error message.	Result is as expected.	Pass

E.g: Input field *name* left unfilled

Check **post-condition 3**

Post-conditions:

1. User successfully navigates through the Contact page.
2. User's message successfully sent to admin.
3. User's message sent failed. Users are required to fill in the required input.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_5

Test Priority (Low/Medium/High): Low

Module Name: View All Products

Test Title: View All Products function

Description: Overview of all products

Test Designed by: Sarah Elena Binti Zamizan

Test Designed date: January 7th, 2021

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Execution date: January 12th, 2021

Pre-conditions:

1. Access web through web browser

Dependencies:

1. Requires test case TC_CUST_2 for header
2. Requires test case TC_CUST_3 for footer

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Navigate to <i>Shop</i> page	Web app displays header, products and footer.	Result is as expected.	Pass
2	Click on any browsing options from the Browse section. E.g: Click on Men	Web app displays products that fall under this category.	Result is as expected.	Pass
3	Click on product name. E.g: Click on Aromatik	Web app will direct the user to the Product page which displays more details on the product.	Result is as expected.	Pass

Post-conditions:

Users are displayed with various products and their info.

Abella Scent's Web Application

Test Case

Test Case ID: TC_CUST_6

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): High

Test Designed date: January 7th, 2021

Module Name: View Product

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: View Product function

Test Execution date: January 12th, 2021

Description: View details of a single product and test the add to cart function.

Pre-conditions:

1. Access web through web browser

Dependencies:

1. Requires test case TC_CUST_2 for header
2. Requires test case TC_CUST_3 for footer

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Navigate to <i>Product</i> page	User is displayed with product info such as product name, photo and description, categories, links to share and review section.	Result is as expected.	Pass
2	Insert valid quantity of product to be added to cart. E.g: Insert the number 3	User able to enter the quantity in the input field	Result is as expected.	Pass
3	Insert invalid input for quantity. Invalid input is any input other than integers.	User unable to enter the invalid input	Result is as expected.	Pass

	E.g: Insert the letter A, insert the character \$			
4	Click on <i>Add to Cart</i> button Check post-condition 1	The quantity entered and the product info is saved and added to cart. A pop-up message is displayed to notify on the success of the addition in cart.	Result is as expected.	Pass
5	Click on any of the social media icon links. E.g: Click on <i>Facebook icon</i> Check post-condition 2	The user is directed to the <i>Login</i> page of the social media platform.	Result is as expected.	Pass
6	Click <i>the Submit</i> button with filled selected rating, filled input name, email and review. Check post-condition 3	A message indicating successful submission is displayed.	Result is as expected.	Pass
7	Click <i>the Submit</i> button with at least one unfilled required input. E.g: Unfilled <i>email</i> input field Check post-condition 4	An error message on the failure of review submission is displayed.	Result is expected.	Pass

Post-conditions:

1. Products selected by the user are added to cart along with previous products entered (if any).
2. Users are directed to the Login page of the selected social media platform along with product info to be shared.
3. User's review is stored in the database and displayed on the Product page.
4. User's review is not stored in the database.

Abella Scent's Web Application

Test Case

Test Case ID: TC_CUST_7

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): High

Test Designed date: January 7th, 2021

Module Name: Cart page

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Test to display all products in cart

Test Execution date: January 12th, 2021

Description: All products that have been added to cart are displayed with respective info.

Pre-conditions:

1. Access web through web browser

Dependencies:

1. Requires test case TC_CUST_2 for header
2. Requires test case TC_CUST_3 for footer

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Navigate to <i>Cart</i> page	Web app displays all products added in cart with respective price, quantity, subtotal and total.	Result is as expected.	Pass
2	Click on <i>Continue Shopping</i> button	User is navigated to <i>Product</i> page.	Result is as expected.	Pass
3	Click on the <i>Update Cart</i> button with valid input for quantity. E.g: Insert quantity of 2	Page is reloaded with updated info.	Result is as expected.	Pass
4	Click on Apply Coupon button with valid	A message is displayed to notify the	Result is as expected.	Pass

	input in <i>Coupon Code</i> input field	availability of the coupon.		
5	Click on Apply Coupon button with invalid input in <i>Coupon Code</i> input	A message is displayed to notify the failure to find the respective coupon.	Result is as expected.	Pass
6	Click on <i>Proceed to Checkout</i> button	User is navigated to <i>Checkout</i> page	Result is as expected.	Pass

Post-conditions:

The customer successfully adds the products to the checkout for billing.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_8

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): High

Test Designed date: January 7th, 2021

Module Name: Purchase Products

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Test checkout to purchase products

Test Execution date: January 12th, 2021

Description: Products from cart are purchased during checkout.

Pre-conditions:

1. Access web through web browser

Dependencies:

1. Requires test case TC_CUST_2 for header
2. Requires test case TC_CUST_3 for footer
3. Requires test case TC_CUST_8 as cart

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Navigate to <i>Checkout</i> page from <i>Cart</i> page	Web app displays sections for coupon, billing details and order details.	Result is as expected.	Pass
2	Click on the <i>Apply Coupon</i> button with valid coupon code.	Web app displays a message indicating availability of coupon code.	Result is as expected.	Pass
3	Click on the <i>Apply Coupon</i> button with invalid coupon code.	Web app displays an error message indicating failure to find the coupon code.	Result is as expected.	Pass
4	Click the <i>Place Order</i> button with <i>Direct Bank Transfer</i> as payment option and all required inputs filled. Required inputs are	Web app displays the company's bank account details for bank transfer, successful and secured order details and	Result is as expected.	Pass

	first name, last name, country, town/city, state/county, postcode, phone number and email address. Optional inputs include company name and additional information.	notify the user that the order is received.		
5	Click <i>the Place Order</i> button with <i>Direct Bank Transfer</i> as payment option and one or more required inputs unfilled.	Web app displays a message to inform users to fill in the required input field.	Result is as expected.	Pass
6	Click <i>the Place Order</i> button with <i>Cash on Delivery</i> as payment option and all required inputs filled.	Web app displays the successful order details and notify the user that the order is received.	Result is as expected.	Pass
7	Click <i>the Place Order</i> button with <i>Cash on Delivery</i> as payment option and one or more required inputs unfilled.	Web app displays a message to inform users to fill in the required input field.	Result is as expected.	Pass

Post-conditions:

Customer's order is successfully stored in the database and will be accessed by the admin.

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Test Case

Test Case ID: TC_CUST_9

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): Medium

Test Designed date: January 7th, 2021

Module Name: Log In

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Log In

Test Execution date: January 12th, 2021

Description: Registered users should be able to log in to the web app.

Pre-conditions:

1. User has already registered as a member.

Dependencies:

1. Requires test case TC_CUST_2
2. Requires test case TC_CUST_3

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on the <i>Login</i> button on the header.	Web app displays a modal box containing log in form.	Result is as expected.	Pass
2	Click on <i>Login</i> button with valid username or email and valid password entered in input fields	The username and password is validated with data in the database and finds a match. User is directed to own dashboard.	Result is as expected.	Pass
3	Click on <i>Login</i> button with both invalid username or email and invalid password entered in input fields	The username and password is validated with data in the database. Web app displays an error message on incorrect credentials.	Result is as expected.	Pass
4	Click on <i>Login</i> button with valid username	The username and password is validated	Result is as expected.	Pass

	or email and invalid password entered in input fields	with data in the database. Web app displays an error message on incorrect credentials.		
5	Click on <i>Login</i> button with invalid username or email and valid password entered in input fields	The username and password is validated with data in the database. Web app displays an error message on incorrect credentials.	Result is as expected.	Pass

Post-conditions:

User successfully logs in and is directed to the user's dashboard.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_10

Test Priority (Low/Medium/High): Medium

Module Name: Register

Test Title: Register as Member

Description: User register as member

Test Designed by: Sarah Elena Binti Zamizan

Test Designed date: January 7th, 2021

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Execution date: January 12th, 2021

Pre-conditions:

1. User already owns an email account.

Dependencies:

1. Require test case TC_CUST_2
2. Require test case TC_CUST_3

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on the <i>Login</i> button on the header.	Web app displays a model box containing <i>Log in</i> form and <i>Register</i> form.	Result is as expected.	Pass
2	Click on the <i>Register</i> button with valid email address and strong password entered in input fields.	User's email address and password are stored in the database.	Result is as expected.	Pass
3	Click on the Register button with an invalid email address and medium/strong password entered in input fields	Web app prompts users to enter a valid email address.	Result is as expected.	Pass
4	Enter weak password	Web app displays a message to encourage users to create stronger passwords and	Result is as expected.	Pass

disables the Register button.

Post-conditions:

User's details are stored in the database thus has successfully registered and is directed to its own dashboard.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_CUST_11

Test Priority (Low/Medium/High): Low

Module Name: Log Out

Test Title: Log Out function

Description: Test the log out function

Test Designed by: Sarah Elena Binti Zamizan

Test Designed date: January 7th, 2021

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Execution date: January 12th, 2021

Pre-conditions:

1. User is logged in.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on <i>My Account</i> on header	Web app displays dropdown.	Result is as expected.	Pass
2	Click on <i>Logout</i> on the dropdown	Web app asks for confirmation to log out of the internal web app.	Result is as expected.	Pass
3	Click on <i>Confirm and Log Out</i>	User logs out of the internal web app.	Result is as expected.	Pass

Post-conditions:

User has successfully logged out of the internal web app and is directed to the page for LogIn and Register.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_1	Test Designed by: Sarah Elena Binti Zamizan
Test Priority (Low/Medium/High): High	Test Designed date: January 7th, 2021
Module Name: Manage Web	Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam
Test Title: Manage Web Functionalities	Test Execution date: January 12th, 2021
Description: Admin can add post, files, page and UX blocks.	

Pre-conditions:

1. User has logged in.
2. User is registered as an Admin.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on the <i>thumbtack</i> icon on the sidebar	Web app displays the Post section.	Result is as expected.	Pass
2	Click on the <i>Add New</i> button on the Post section.	Web app displays a blank canvas for users to write a post.	Result is as expected.	Pass
3	Click on the Publish button. Check post-condition 1	Post is stored in the database.	Result is as expected.	Pass
4	Click on the <i>Media</i> icon on the sidebar.	Web app displays the <i>Media Library</i> section to the user.	Result is as expected.	Pass
5	Click on the <i>Add New</i> button on the Media	Web app displays a section to upload files.	Result is as expected.	Pass

	Library section.			
6	Click on the <i>Select Files</i> button and click the Open button on the files window. Check post-condition 2	The files are stored and displayed in the Media Library,	Result is as expected.	Pass
7	Click on the <i>Pages</i> icon on the sidebar.	Web app displays the <i>Pages</i> section to the user.	Result is as expected	Pass
8	Click on the <i>Add New</i> button on the <i>Pages</i> section.	Web app displays a blank section for the user to write.	Result is as expected.	Pass
9	Click on the <i>Publish</i> button. Check post-condition 3	New page is stored in the database.	Result is as expected.	Pass
10	Click on <i>UX Blocks</i> on the sidebar.	Web app displays the <i>UX Blocks</i> section.	Result is as expected.	Pass
11	Click on the <i>Add New</i> button on the <i>UX Blocks</i> section.	Web app displays an <i>Editor</i> section / form.	Result is as expected.	Pass
12	Click on the <i>Publish</i> button. Check post-condition 4	The new block is added to the web app.	Result is as expected.	Pass

Post-conditions:

1. The new post is added and displayed in the web app.
2. The new media files are stored in the database.
3. The new page is added and displayed in the web app.
4. The new UX block is implemented and displayed in the web app.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_2

Test Priority (Low/Medium/High): Low

Module Name: Manage Company Info

Test Title: Manage Company Info functionalities

Description: Admin can edit company info

Test Designed by: Sarah Elena Binti Zamizan

Test Designed date: January 7th, 2021

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Execution date: January 12th, 2021

Pre-conditions:

1. User has logged in.
2. User is registered as an Admin.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on <i>Mail</i> icon / <i>Contact</i> on the sidebar.	Web app displays the <i>Contact Form</i> section.	Result is as expected.	Pass
2	Click on the <i>Add New</i> button on the <i>Contact Forms</i> section.	Web app displays a blank canvas for users to create contact.	Result is as expected.	Pass
3	Click on the <i>Save</i> button.	Contact info is saved in database.		

Post-conditions:

Contact / Company info is updated in the web app.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_3

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): Medium

Test Designed date: January 7th, 2021

Module Name: Change Password

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Change Password function

Test Execution date: January 12th, 2021

Description: User can change his / her password.

Pre-conditions:

1. User has signed up as a user of the web app.
2. User has logged in.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on <i>Users</i> icon button on the sidebar.	Web app displays dropdown of <i>Users</i> .	Result is as expected.	Pass
2	Click on <i>Profile</i> from the dropdown.	Web app displays the user's profile.	Result is as expected.	Pass
1	Click on <i>Set New Password</i> button in <i>Profile</i> section.	Web app displays an input field to enter a new password.	Result is as expected.	Pass
2	Enter weak new password E.g: <i>amin</i>	<i>Update profile</i> button is disabled.	Result is as expected.	Pass
3	Enter medium / strong password E.g: <i>amin@123456</i>	<i>Update profile</i> button is enabled.	Result is as expected.	Pass

4	Click on <i>Update Profile</i> button	Web app displays a message on the successful update.	Result is as expected.	Pass
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Post-conditions:

1. User's password has been updated.

Abella Scent's Web Application

Test Case

Test Case ID: TC_ADM_4

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): Medium

Test Designed date: January 7th, 2021

Module Name: Manage Profile

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Manage Profile function

Test Execution date: January 12th, 2021

Description: User can change his / her profile info.

Pre-conditions:

1. User has signed up as a user of the web app.
2. User has logged in.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on <i>Users</i> icon on sidebar.	Web app displays dropdown of <i>Users</i> .	Result is as expected.	Pass
2	Click on <i>Profile</i> from dropdown.	Web app displays the user's profile.	Result is as expected.	Pass
3	Click on Username input field	Web app disables user from changing username	Result is as expected.	Pass
4	Click on <i>Update Profile</i> button with all required input fields entered	The user's info is updated in the database.	Result is as expected.	Pass
	Check post-condition 1			
5	Click on <i>Update Profile</i> button with some / all required input fields left blank	Web app prompts user to fill in required input field	Result is as expected	Pass

Check *post-condition 2*

Post-conditions:

1. User's profile displays recent and updated info of the user.
2. User's recent input is not stored in the database. The user is required to fill in inputs marked as required.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_5	Test Designed by: Sarah Elena Binti Zamizan
Test Priority (Low/Medium/High): Medium	Test Designed date: January 7th, 2021
Module Name: Manage Orders	Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam
Test Title: Manage Orders function	Test Execution date: January 12th, 2021
Description: Admin / Management shall be able to view and update orders received.	

Pre-conditions:

1. User is registered as an admin.
2. User has logged in to the web app.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on the checkbox of any order and click on <i>Bulk Actions</i> . E.g: Click on checkbox of order #337 Abu Bakar	Web app displays dropdown.	Result is as expected.	Pass
2	Click on any <i>change status</i> option from the dropdown and click the <i>Apply</i> button. E.g: Select <i>Change status to processing</i> Check post-condition 1	The change is updated in the database. Web app displays a message regarding the successful update.	Result is as expected.	Pass

3	<p>Click on the <i>Move to Trash</i> option from the dropdown and click the <i>Apply</i> button.</p> <p>E.g: Select <i>Move to Trash</i> for Order #337 Abu Bakar</p> <p>Check post-condition 2</p>	<p>Web app displays a message regarding the success of the action taken. The order is listed in the <i>Trash</i> section.</p>	Result is as expected.	Pass
4	<p>Click on <i>Trash</i>.</p>	<p>Web app displays a list of orders in <i>Trash</i>.</p>	Result is as expected.	Pass
5	<p>Click on any of the orders in Trash, select the <i>Restore</i> option from <i>Bulk Actions</i> dropdown and click on the <i>Apply</i> button.</p> <p>E.g: Select <i>Restore</i> for Order #337 Abu Bakar</p> <p>Check post-condition 3</p>	<p>Web app removes the selected order from the <i>Trash</i> section and adds the order in <i>Drafts</i>.</p>		

Post-conditions:

1. The web app displays the orders with updated status.
2. Order is moved to trash.
3. Order is restored from trash.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_6	Test Designed by: Nur Syarwarni binti Berjaya
Test Priority (Low/Medium/High): High	Test Designed date: January 7th, 2021
Module Name: Manage Product	Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam
Test Title: Manage Product Info	Test Execution date: January 12th, 2021
Description: Admin / Management shall be able to manage the product into the web app.	

Pre-conditions:

- 1) User is has logged in.
- 2) User is registered as an admin.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Login as administrator.	User able to log in	Result is as expected	Pass
2	Click on the <i>Product</i> icon on the sidebar.	Web app able to display a list of dropdowns which contains all product, add product, categories, tags and attributes.	Result is as expected.	Pass
3	Click on All product buttons from dropdown.	Web app displays all the product information.	Result as expected	Pass
4	Click on Add new product on the top web app or dropdown to add a new product.	Web apps display the form to add new products.	Result as expected	Pass

5	Users fill in the form and set necessary data for the new product information.	Web apps display the form.	Result as expected	
6	Save the product information by clicking on the publish button at the right side of form.	Added new product info will be saved in the database. Web apps display the successfully added product.	Result as expected	Pass
7	Click on the product name or edit button below the product name on the all product page.	Web apps display the product information form to update the data.	Result as expected	Pass
8	Edit the product information and click on the update button on the right side of the web app.	The product information updated in the database. Web app display message product successfully updated.	Result as expected	Pass
9	Click on the <i>Quick Edit</i> button below the product name and change the product info.	Web app will display mini form on the select product row table such as product name, product data and product categories	Result as expected	Pass
10	Click on the <i>Update</i> button on the right edge of the selected product row table.	The product is updated in the web app and database.	Result as expected	Pass
11	Click on the <i>Trash</i> button below the product name.	One product is deleted from the web app and database. The web app displays only the available product.	Result as expected	Pass
12	Clicks on the checkbox button of some product. Select option trash in the bulk actions dropdown button. Click on the <i>Apply</i> button beside the dropdown button.	The selected product deleted from the web app and database. The web app displays only the available product.	Result as expected	Pass
13	Clicks on the checkbox button of some product. Select option edit in the bulk actions dropdown button. Click on the <i>Apply</i> button beside the dropdown button.	Mini form will be displayed on the row table. The selected product able to edit in mini form from the web app and database. The web app displays only the available product.	Result as expected	Pass
14	Click on the <i>View</i> button below the product name.	The web displays how the product will be displayed on the customer perspective view for the product.	Result as expected	Pass

15	Click on the <i>Duplicate</i> button below the product name.	The product name and information will be duplicate with the selected product and make a new copy of the product. The web app and database save the information.	Result as expected	Pass
16	Click on the <i>Select a Category</i> dropdown button and choose the option. E.g : <i>Categories; Women, men, sale etc</i>	The product will be sorting using the selected categories. The web app displays the sorting product.	Result as expected	Pass
17	Click on the <i>Filter by product type</i> dropdown button and choose the option. Click on the <i>apply</i> button or the <i>filter</i> button. E.g : <i>Filter by product type; simple product, variable product etc</i>	The product will be filtered using the chosen filter product type. The web app display the filter product	Result as expected	Pass
18	Click on the <i>Filter by stock status</i> dropdown button and choose the option. Click on the <i>apply</i> button or <i>filter</i> button. E.g : <i>Filter by stock; In stock, Out stock etc</i>	The product will be filtered using the chosen filter stock status. The web app displays the filter product.	Result as expected	Pass
19	Type the product name on the search input placeholder on the right top table. Click on the <i>Search</i> button.	The web app displays the product by using the searched product.	Result as expected	Pass

Post-conditions:

- 1) Registered as an admin.
- 2) User successfully logs in and is directed to the admin website.
- 3) All available products can be viewed.
- 4) New products are added.
- 5) Products are removed to trash.
- 6) Product information is edited.
- 7) Product is duplicated from selected product.
- 8) Product sorting using selected categories.
- 9) Product filter using the selected product type.
- 10) Web display the search product.

Abella Scent's Web Application

Test Case

Test Case ID: TC_ADM_7

Test Designed by: Sarah Elena Binti Zamizan

Test Priority (Low/Medium/High): High

Test Designed date: January 7th, 2021

Module Name: Manage Users

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: Manage users' info

Test Execution date: January 12th, 2021

Description: Admin / Management shall be able to manage info of all registered users' of the web app.

Pre-conditions:

1. User is registered as an admin.
2. User has logged in.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on <i>Users</i> on the sidebar	Web app displays dropdown.	Result is as expected.	Pass
2	Click on <i>All Users</i> on the dropdown	Web app displays table of all registered users of the web app.	Result is as expected.	Pass
3	Hover on a row on the table. E.g: Row with user <i>Ali Ahmadi Ahmad's</i> info	Web app displays various actions to be taken for the user in the row. E.g: <i>Edit, Delete, View</i>	Result is as expected.	Pass
4	Click on <i>Edit</i> on the row.	Web app displays form with current user info to edit.	Result is as expected.	Pass

5	Click on the <i>Update User</i> button on the <i>Edit</i> form with updated input field values. Check post-condition 1	Web app displays a message on successful update.	Result is as expected.	Pass
6	Click on <i>Delete</i> on the row.	A message and a <i>Confirm Deletion</i> button is displayed for confirmation on user deletion.	Result is as expected.	Pass
7	Click on the <i>Confirm Deletion</i> button. Check post-condition 2	Web app displays a message on successful deletion.	Result is as expected.	Pass

Post-conditions:

1. The updated user info is stored in the database.
2. The selected user's info is deleted from the database. The selected user can no longer log in to the web app.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_8

Test Designed by: Nur Syarwarni binti Berjaya

Test Priority (Low/Medium/High): High

Test Designed date: January 7th, 2021

Module Name: View Performance

Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam

Test Title: View Analytics Performance info.

Test Execution date: January 12th, 2021

Description: Admin / Management shall be able to manage the product into the web app

Pre-conditions:

- 1) User has logged in.
- 2) User is registered as an admin.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Login as administrator.	Successfully login to web app	Result is as expected.	Pass
2	Click on the Analytics icon button on the sidebar of the web app.	Web app able to display a list of dropdowns which contain Overview, product, revenue etc.	Result is as expected.	Pass
3	Click on Overview button from dropdown button.	Web app displays the performance, chart and leaderboard section in the overview page.	Result is as expected.	Pass
4	Select the option of <i>Date In Range</i> button on the dropdown button in the Range date section. Select Then, click on the update	The web page will display the selected data by the selected date in the performance, chart, and leaderboard.	Results is as expected	Pass

	button on the dropdown button. E.g : today, yesterday, week, month or custom the date			
5	Click on the <i>Product</i> button on the analytics dropdown button.	The web page displays the product data in charts and tables. Chart will display the item sold, net sales, Orders by selected date. Table will display the product title, SKU, item sold, net sales, net sold, order, category, variations, status and stock.	Result is as expected	Pass
6	Click on the <i>single product</i> at the show dropdown button and type the product name.	The web displays the performance chart and table by the selected product title. Chart will display the item sold, net sales, Orders, selected date by the product type. Table will display the product title, SKU, item sold, net sales, net sold, order, category, variations, status and stock by the product type.	Result is as expected	Pass
7	Clicks on the <i>comparison</i> at the show dropdown button and type the product title which you want to compare in the compare placeholder. Click on the <i>compare</i> button below the compare placeholder.	The web app displays the performance comparison between the products. Chart will display the comparison of item sold, net sales, Orders, selected date by the product type. Table will display the comparison of the product title, SKU, item sold, net sales, net sold, order, category, variations, status and stock by the product type	Result as expected	Pass
8	Click on the <i>Revenue</i> button on the analytics dropdown button.	The web page displays the revenue of sales in chart and table. The chart and table displays the type of chart which is gross, sales, returns, coupon, net sales, taxes, shipping, selected date and total sales.	Result as expected	Pass
9	Select the type of revenue chart and date which you want to view.	The web displays the selected chart and date data.	Result as expected	Pass

10	Click on the <i>Orders</i> button on the analytics dropdown button.	The web page displays the product data in charts and tables. Chart will display the orders, net sales, average order value, average per order and selected date. Table will display the date, order id, status, customer, product, item sold, coupon and net sales.	Result as expected	Pass
11	Click on the <i>advance filter</i> at the show dropdown button. Select the type of filter, choose to include or exclude, type the thing you want to filter in the placeholder. Click on the <i>filter</i> button below the filter option.	The web app displays the selected type of performance chart and table.	Result as expected	Pass
12	Click on the <i>Variations</i> button on the analytics dropdown button.	The web page displays the product data in charts and tables. Chart will display the item sold, nets sales, orders and selected date. Table will display the variation title, SKU, Item sold, net sales, orders, status and stock.	Result as expected	Pass
13	Click on the <i>single variation</i> at the show dropdown button and type the variations name.	The web displays the performance chart and table by the selected variation title.	Results as expected	Pass
14	Clicks on the <i>comparison</i> at the show dropdown button and type the variation title which you want to compare in the compare placeholder. Click on the <i>compare</i> button below the compare placeholder.	The web app displays the performance comparison chart and table between the variation titles.	Results as expected	Pass
15	Click on the <i>advance filter</i> at the show dropdown button. Select the type of filter, choose to include or exclude, type the thing you want to filter in the placeholder. Click on the <i>filter</i> button below the filter option on the variation page.	The web app displays the selected type of performance chart and table by the variation type.	Result as expected	Pass
16	Click on the <i>Categories</i> button on the	The web page displays the product data in	Result as expected	Pass

	analytics dropdown button.	charts and tables. Chart will display the item sold, nets sales, orders and selected date by categories. Table will display the variation title, SKU, Item sold, net sales, orders, status and stock.		
17	Click on the <i>single category</i> at the show dropdown button and type the categories.	The web displays the performance chart and table by the selected variation title.	Results as expected	Pass
18	Clicks on the <i>comparison</i> at the show dropdown button and type the category which you want to compare in the compare placeholder. Click on the <i>compare</i> button below the compare placeholder on the category page.	The web app displays the performance comparison chart and table between the categories.	Results as expected	Pass
19	Click on the <i>Coupon</i> button on the analytics dropdown button.	The web page displays the product data in charts and tables. Chart will display the discounted orders, amount by coupon. Table will display the coupon code, orders, amount discounted, created, expired and type.	Result as expected	Pass
20	Click on the <i>single coupon</i> at the show dropdown button and type the categories.	The web displays the performance chart and table by the selected coupon type.	Results as expected	Pass
21	Clicks on the <i>comparison</i> at the show dropdown button and type the coupon type which you want to compare in the compare placeholder. Click on the <i>compare</i> button below the compare placeholder on the coupon page.	The web app displays the performance comparison chart and table between the coupon type.	Results as expected	Pass
22	Click on the <i>Taxes</i> button on the analytics dropdown button.	The web page displays the product data in charts and tables. Chart will display the total tax, order tax, shipping tax and orders. Table will display the tax code, rate, total tax, order, tax, shipping tax and orders.	Result as expected	Pass
23	Clicks on the <i>comparison</i> at the show dropdown button and type the tax title	The web app displays the performance comparison chart and table between the	Results as expected	Pass

	which you want to compare in the compare placeholder. Click on the <i>compare</i> button below the compare placeholder on the tax page.	tax type.		
24	Click on the <i>Download</i> button on the analytics dropdown button.	The web page displays the download data in charts and tables. Chart will display the downloaded file and date. Table will display the date, product title, file name, order id and username.	Result as expected	Pass
25	Click on the <i>advance filter</i> at the show dropdown button. Select the type of filter, choose to include or exclude, type the thing you want to filter in the placeholder. Click on the <i>filter</i> button below the filter option on the download page.	The web app displays the selected type of performance chart and table by the download type.	Result as expected	Pass
26	Click on the <i>Stock</i> button on the analytics dropdown button.	The web page displays the stock data in tables. Table will display the product name, SKU, status and stock.	Result as expected	Pass
27	Click on the type <i>stock</i> at the show dropdown button and type the stock. E.g : instock, out of stock, low stock etc	The web displays the performance table by the selected stock type.	Results as expected	Pass
28	Click on the <i>three dots</i> on the top of the table. Select the switch button to enable or disable the column needed.	The table only displays the enable columns in the web page.	Results as expected	Pass
29	Click on the <i>Download</i> button at the top of the table.	Admin able to download the product report in excel doc.	Result as expected	Pass
30	Click on the <i>Setting</i> button on the analytics dropdown button.	The web page displays the analytics setting which content the excluded status, actionable status, default data range, and import historical data.	Result as expected	Pass
31	Select the checkbox excluded status and actionable statuses. Then click on the <i>date range</i> option and click on the save setting	Reset will reset all the selected action before saving it. Setting will save for the analytics part. The web app will only	Results as expected	Pass

	button or reset button.	display the selected action on all the analytics parts.		
32	Select the days you want to Import the Historical data. Then, click the start button. E.g : 24 hours, 7 days, 30 days etc	The web app will start to import all the historical data on the web app.	Results as expected	Pass

Post-conditions:

- 1) Display the overview data.
- 2) Display the product data.
- 3) Display the revenue data.
- 4) Display the orders data.
- 5) Display the variations data
- 6) Display the categories data.
- 7) Display the Coupon data.
- 8) Display the Taxes data.
- 9) Display the Downloads file data.
- 10) Display the Stock data.
- 11) Set the analytics web application part.
- 12) Imported the Historical data of the web app.

Abella Scent'z Web Application

Test Case

Test Case ID: TC_ADM_9	Test Designed by: Nur Syarwarni binti Berjaya
Test Priority (Low/Medium/High): High	Test Designed date: January 7th, 2021
Module Name: Manage Coupon	Test Executed by: Muhammad Iz'aan Fahmi bin Badrusam
Test Title: Manage Coupon Info functionalities	Test Execution date: January 12th, 2021
Description: User able to manage coupon.	

Pre-conditions:

1. User has logged in.
2. User is registered as an Admin.

Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1	Click on the <i>Marketing</i> icon on the sidebar.	Web app displays the <i>Marketing</i> dropdown list.	Result is as expected.	Pass
2	Click on the <i>Coupon</i> button on the dropdown list.	Web app displays a list of table coupon	Result is as expected.	Pass
3	Clicks on the <i>Add Coupon</i> button on the top left of the website.	Web app displays the <i>Coupon Data</i> section. E.g section contain : General, Usage, Restriction	Result is as expected	Pass
4	Click on the <i>Generate Coupon Code button</i> .	Web app auto generate the coupon code	Result is as expected	Pass

5	Fill up the <i>Coupon Data</i> section and click on the <i>publish</i> button on the right side website.	Web apps save the new data on the web app and database. Web app successfully displays the new coupon name on the table .	Result is as expected	Pass
6	Click on the coupon name or edit button below the product name on the coupon page.	Web apps display the coupon information form to update the data.	Result as expected	Pass
7	Edit the product information and click on the <i>update</i> button on the right side of the web app.	The coupon information updated in the database. Web app display message coupon successfully updated.	Result as expected	Pass
8	Click on the <i>Trash</i> button below the coupon name.	One product is deleted from the web app and database. The web app displays only the available product.	Result as expected	Pass
9	Clicks on the checkbox button of some coupon. Select option trash in the bulk actions dropdown button. Click on the <i>Apply</i> button beside the dropdown button.	The selected product deleted from the web app and database. The web app displays only the available coupon.	Result as expected	Pass
10	Clicks on the checkbox button of some coupon. Select option edit in the bulk actions dropdown button. Click on the <i>Apply</i> button beside the dropdown button.	Mini form will be displayed on the row table. The selected coupon able to edit in mini form from the web app and database. The web app displays only the available coupon.	Result as expected	Pass
11	Click on the <i>Select all type</i> dropdown button and choose the option. E.g <i>Coupon type: Percentage discount, fixed cart discount, fixed product discount</i>	The coupon type will be sorting using the selected coupon type. The web app displays the sorting product.	Result as expected	Pass

Post-conditions:

- 1) New coupon is added to the web app.
- 2) Coupon data is updated.
- 3) Coupon is removed to the trash.
- 4) Sorting the coupon by coupon type.

REQUIREMENTS TRACEABILITY MATRIX (RTM)

Requirements Traceability Matrix (RTM)														
System: Abella Scent’z Web Application System Start Date: 19/10/2020														
Client: Linda Jantin (Founder and Owner of Abella Trigona) System Scheduled Delivery Date : 18/1/2021														
Filling sequence														
S/W Development Phase														
Requirement					Design		Implementation			Testing				
Req #	Req Name	Priority	Analyst	User Case#Story#	Architectures/ W Subsystem/ Module	Diagram Class/ Sequence/ State	Source file	(Class/ Method/ Function/ Procedure)	Programmer	Unit/ System test	Test Case #	Pass/ Fail test	Tester	Test Comments

REQ1	Home page	L	NS SMA			Custo mer	index.php		SE	Unit and system	TC_CUST_1	P	MIF	
REQ2	Abella Scent'z web app Header	L	NS SMA	Website header			header.php		SE	Unit and system	TC_CUST_2	P	MIF	
REQ3	Abella Scent'z web app Footer	L	NS SMA	Website footer			footer.php		SE	Unit and system	TC_CUST_3	P	MIF	
REQ4	View Product info	M	NS SMA	View product		Custo mer	Meta.php Photoswipe.php Price.php Product-attributes.php Product-image.php Product-thumbnails.php p Rating.php Related.php Review.php Review-meta.php Review-rating.php Sale-flash.php Share.php Short-description.php Stock.php Title.php Up-sells.php Single-product file		SE	Unit and system	TC_CUST_4	P	MIF	
REQ5	View Company Info	L	NS SMA	View Company Info		Custo mer	infobox.php			Unit and system	TC_CUST_5			

REQ6	Contact Page	H	NS SMA	View "Contact Us"		Company Info	Contact.php Mail.php		SE	Unit and system	TC_CUST_6	P	MIF	
REQ7	Purchase Products	H	NS SMA	Order Products		Orders and purchase	Class-wcj-purchase-data.php Cart.php Cart-empty.php Cart-item-data.php Cart-shipping.php Cart-totals.php Cross-sells.php Mini-cart.php Proceed-to-checkout-button.php shipping-calculator.php		SE	Unit and system	TC_CUST_7	P	MIF	
REQ8	Checkout	H	NS SMA	Checkout		Checkout and Payment	Cart-errors.php Form-billing.php Form-checkout.php Form-coupon.php Form-login.php Form-pay.php Form-shipping.php Order-receipt.php Checkout file Payment.php Payment-method.php Review-order Terms.php Thankyou.php		SE	Unit and system	TC_CUST_8	P	MIF	
REQ9	Login	M	NS SMA	Login		Customer and management staff	Wp-login.php admin.php		SE	Unit and system	TC_CUST_9	P	MIF	

REQ10	Register	M	NS SMA	Request as team member		Custo mer	mail.php		SE	Unit and system	TC_CUST_10	P	MIF	
REQ11	Log out	L	NS	Log out		Custo mer and manag ement staff	logout.php		SE	Unit and system	TC_CUST_11	P	MIF	
REQ12	Manage web	H	NS	Manage web Info		Manag ement staff	menu.php edit.php Dashboard-charts.js Customizable-dashboar d.js		SE	Unit and system	TC_ADM_1	P	MIF	
REQ13	Manage Company	L	NS	Manage company info		Manag ement staff	export.php Import.php Post.php contact.php		SE	Unit and system	TC_ADM_2	P	MIF	
REQ14	Change password	M	NS	Password change		Manag ement staff	profile.php		SE	Unit and system	TC_ADM_3	P	MIF	
REQ15	Manage Profile	M	NS	Manage profile info		Manag ement staff	profile.php		SE	Unit and system	TC_ADM_4	P	MIF	

REQ16	Manage Orders	M	NS	Manage order receiver		Management staff	orders.php OrderScheduler.php OrdersProvider.php Order-summary-item.js		SE	Unit and system	TC_ADM_5	P	MIF	
REQ17	Manage Product	H	NS	Manage product Info		Management staff	edit.php erase.php Upload.php edit-tags.php		SE	Unit and system	TC_ADM_6	P	MIF	
REQ18	Manage user	H	NS	Manage User Role		Management staff	User-role-editor.php User-role-editor file user-edit.php Users.php user-edit.php role-additional-options.php Role-view.php Profile.php		SE	Unit and system	TC_ADM_7	P	MIF	
REQ18	View performance Analytics	H	NS	View performance		Management staff	Analytics-report-orders.js Chart.js ChartController.php Analytics-report.js		SE	Unit and system	TC_ADM_8	P	MIF	
REQ20	Manage coupon	H	NS	Manage Coupon		Management staff	Coupons.php Totals-coupon-code-input file Coupons file Wcj-coupon-code-generator.js		SE	Unit and system	TC_ADM_9	P	MIF	

Test Case ID: TC_1	Test Designed by:
Test Priority (Low/Medium/High):	Test Designed date:
Module Name:	Test Executed by:
Test Title:	Test Execution date:
Description:	

Pre-conditions:
Dependencies:

Step	Test Step	Expected Result	Actual Result	Status (Pass / Fail)
1				
2				

Post-conditions:
