

Testing Plan for Orinoco

Prepared for: Shiela, Orinoco

Prepared by: Shruti Balasa, Freelance Web Developer

ORINOCO

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# Overview

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## Introduction

This plan describes the testing approach that will serve as the fundamental strategy for our Orinoco eCommerce Website MVP. Orinoco is an eCommerce website that offers specific, themed apps which each sell one group of products. The theme of handmade teddy bears has been chosen for our MVP.

The MVP front end requirements are as follows:

- A list view page​, showing all items available for sale.

- A single product page​ to allow users to personalize the product and add to cart.

- A cart page,​ showing a summary of products in the cart, the total price, and a form with which to submit an order.

- An order confirmation page,​ thanking the user for their order, showing the total price and the order ID returned by the server.

## Front-end Features to Test

1. List view page, showing all items available for sale

* + - The count of items displayed appears
    - User can view the name, image thumbnail and price for all items
    - Each item is highlighted on hover, to indicate that it’s clickable
    - User can click anywhere on the item to view full product details.
    - Clicking on an item should redirect to the product page with correct query parameters

2. Single product page

* + - The ID that is passed as query parameter in URL is the same product that is displayed on page
    - User can view the name, description, image and price of the product
    - User can select from the available colors of that product using a dropdown
    - User can click on “Add to cart” button to add the product to cart
    - Once added:
      * An indication appears that product has been added to cart
      * An option to remove item from cart appears
      * The links “View cart” & “Continue shopping” appear
      * The cart count increases
      * The “Add to cart” button is disabled
    - When user navigates away from the page:
      * Cart count remains the same
    - When user comes back to the same product page:
      * “Add to cart” button still remains disabled
      * “Remove item from cart”, “View cart” & “Continue shopping” still appears

3. Cart page

* + - The contact form appears on the left and cart summary appears on the right, along with “Process Order” button
    - The cart summary contains exactly same number of items as shown in the cart counter
    - The cart summary contains correct items with corresponding prices
    - The cart summary displays the correct “Grand total”
    - Clicking on the product image in Cart summary redirects the user to product page
    - On blur of each input field, the field is validated and user is alerted if the field is left blank
    - The email field is validated for the right pattern of email (..@..dot..)
    - “Process order” button does not work if any of the fields are empty or incorrect
    - If all fields are correct, clicking on “Process order” button redirects to “Order confirmation” page
    - User is shown “Empty shopping cart” message if no product is added to cart

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4. Order confirmation page

* + - If the order is processed correctly
      * Order confirmation message is displayed thanking the user
      * The Order ID appears
      * The total price of the order appears
      * The shopping cart is emptied
    - If the order fails for some reason
      * Order failure message appears
      * Shopping cart remains as it is

5. Responsiveness

* + - All pages must display correctly for multiple device sizes and orientation

## Features not to Test

1. Clicking on “Vintage cameras” and “Oak furniture” links do not redirect the user anywhere.

2. If the URL on product page is manually edited (wrong product ID is entered), no error message is displayed.

3. The “Color” customization option is not functional. Only the dropdown appears, but input from the dropdown is not considered.

4. Contact form is only validated for blank fields and incorrect email field.