



FINAL PROJECT

SDA TesterRemote EE38
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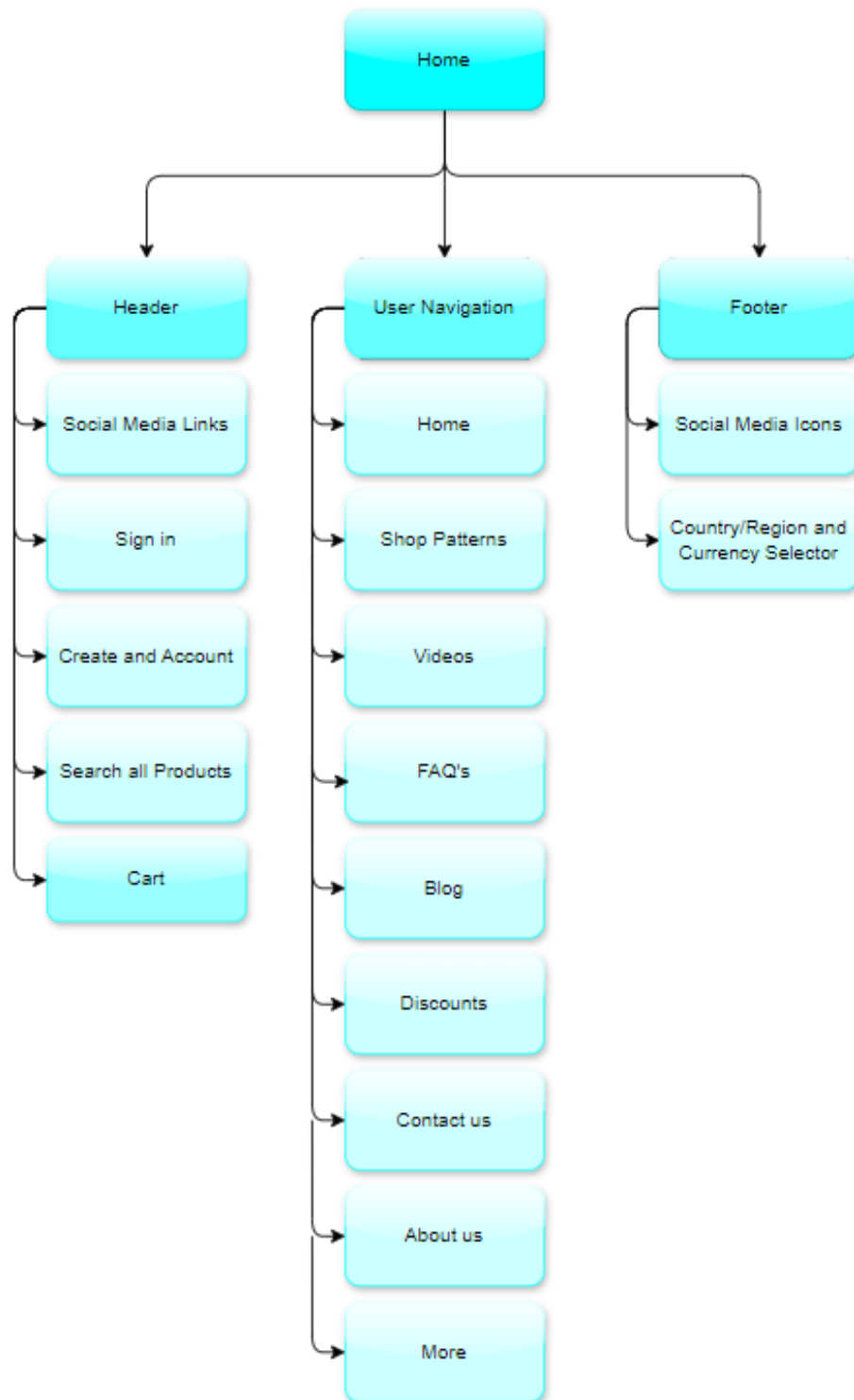
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Document purpose


The purpose of this Final Project is to use my software testing knowledge that I gained during the training by testing out the peonypatterns.com page.

Peony Patterns is a digital sewing patterns company based in Northern NSW, Australia. Peony Patterns include clear step by step instructions, colour photographs, video tips, layered sizing and helpful techniques to construct the garment with ease. Metric and Imperial measurements are provided to cater to sewists all over the world.

Testing section (diagram)



Checklist

Test Cases 13 

 ID	Title
 C1	Verify Website Navigation and Usability
 C2	Automatic opening of Country/Region and Currency selector
 C3	Image size consistency check
 C4	Website load time verification
 C5	Presence of Home button on every page
 C6	Verify that all links and banners redirect to the correct product/category pages and that none of the links are broken
 C7	Check if all texts and images are aligned and displayed properly
 C8	Check if all text fonts, sizes, and colors are consistent
 C9	Check if buttons format and size are consistent
 C10	BDD Verify that the user is able to select and add items to their cart
 C11	BDD Verify correct display of selected items in the user's cart
 C12	BDD Test adding multiple items to the cart
 C13	BDD Verify that the user is able to view their cart and update the quantity and remove items
Add Case Add Subsection	

Test cases

C1 Verify Website Navigation and Usability

Test Cases

Type Usability	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Navigate to the homepage of the website [Peony Patterns](www.peonypatterns.com)
2. Inspect the navigation menu or elements available for users to move around the website.
3. Click on each navigation item (e.g., menu items, links) to explore the different sections of the website.
4. Verify that the navigation is intuitive and consistent throughout the website.
5. Check for the presence of breadcrumbs or other navigational aids to help users understand their current location within the website.
6. Verify that important information, such as contact details, search functionality, and key features, are easily accessible and prominently displayed.
7. Test the responsiveness of the website by resizing the browser window or using different devices to ensure the layout adapts correctly.
8. Check for the presence of clear calls to action (CTAs) guiding users on what actions to take next.
9. Attempt to perform common tasks or find specific information on the website to evaluate the ease of use.
10. Record any issues or areas of improvement regarding navigation and usability.

Expected Result

- The website's structure should be intuitive and easy to navigate, allowing users to find information easily.
- Navigation should be consistent, with clear paths to different sections of the website.
- Essential information and features should be readily accessible and appropriately highlighted.
- The website should be responsive and adapt well to different screen sizes and devices.
- Calls to action should be clear and guide users on what steps to take next.

C2 Automatic opening of Country/Region and Currency selector

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Preconditions

Open browser in Incognito mode
OR
Delete web browser cookies before opening the website

Steps

1. Open the website [Peony Patterns](#)
2. Observe the landing page where the country/region and currency selector expected to appear.

Expected Result

The country/region and currency selector opens within a reasonable timeframe after accessing the application.
The selector displays options for selecting the country/region and currency
The selector does not require any additional action from the user to open.
The country/region and currency selector automatically selects the country/region and currency in which the user is in.

C3 Image size consistency check

Test Cases

Type Functional	Priority Medium	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Open the web application [Peony Patterns](#)
2. Inspect the web application to identify the product images.
3. Measure the dimensions (width and height) of the first image.
4. Compare the dimensions of the first image with the subsequent images.
5. Repeat steps 3-4 for all the product images on the web application.

Expected Result

All Images on the web application have the same dimensions (width and height).

C4 Website load time verification

Test Cases

Type Performance	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Access the website [Peony Patterns](#)
2. Start a timer as soon as the website begins to load.
3. Monitor the loading progress and note the time taken for the website to fully load.
4. Record the total time for the website to load completely.

Expected Result

The website loads within an acceptable time frame, meeting the specified performance criteria.

C5 Presence of Home button on every page

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Preconditions

The navigation structure includes a Home button that redirects users to the homepage.

Steps

1. Navigate to the page [Peony Patterns](#)
2. Explore each page or section of the website.
3. Look for the presence of a home button/link on each page.
4. Click on the home button to ensure it redirects to the homepage.
5. Repeat steps 2-4 for all the pages or sections of the website.

Expected Result

A Home button/link is present and accessible on every page of the application.
Clicking on the Home button redirects the user to the homepage without any errors.

C6 Verify that all links and banners redirect to the correct product/category pages and that none of the links are broken

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Identify all links and banners on the website [Peony Patterns](#).
2. Click on the first link/banner.
3. Verify that the destination page is the correct product/category as intended.
4. Check for any error messages indicating a broken link (e.g., 404 Page Not Found, 500 Internal Server Error).
5. Repeat steps 2-4 for each link/banner.

Expected Result

Expected Result: All links and banners should redirect to the correct product/category page without any errors.

C7 Check if all texts and images are aligned and displayed properly

Test Cases

Type Usability	Priority Medium	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Navigate to the webpage [Peony Patterns](#)
2. Visually inspect all text elements for proper alignment (left, right, center, justified).
3. Check the alignment of images with respect to the text and other elements on the page.
4. Verify that all text is fully visible and not cut off or overlapping with other elements.
5. Confirm that images load correctly and are of the correct resolution and aspect ratio.

Expected Result

Texts and images should be aligned as per the design specifications and should be displayed correctly.

C8 Check if all text fonts, sizes, and colors are consistent

Test Cases

Type Usability	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Navigate to the webpage [Peony Patterns](#)
2. Compare the font type of the text on the "Account" section to the design specifications.
3. Measure the font sizes and verify they match the predefined sizes in the design specifications.
4. Check the font color of all text elements and confirm they are consistent with the design guidelines.
5. Look for any deviations in font styles, such as bold or italic, and ensure they are applied as per design requirements.

Expected Result

Text fonts, sizes, and colors should be consistent throughout the web application section and match the design specifications.

C9 Check if buttons format and size are consistent

Test Cases

Type Usability	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Steps

1. Navigate to the webpage [Peony Patterns](#) where buttons are displayed.
2. Inspect each button on the webpage.
3. Verify that all buttons have the same format, such as:
 - Same font style
 - Same font size
 - Same font color
 - Same background color
 - Same border style
 - Same border radius
 - Verify that all buttons have the same size in terms of:
 - Width
 - Height
 - Record any discrepancies found.

Expected Result

- All buttons on the webpage should have consistent format and size as per the defined criteria.
- If any buttons are found to have different format or size, the test should fail, and the discrepancies should be documented for further review and correction.

C10 BDD Verify that the user is able to select and add item/s to their cart

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Preconditions

Navigate to the product page of [Peony Patterns](#)

BDD Scenarios

- 1 Given the user is on the Products page
When the user opens an item
And adds it to the Cart
Then the item should be added to the cart successfully
- 2 Given the user is on the Product page
When the user opens different items
And the user adds multiple items to the Cart
Then all the added items should show on the Cart

C11 BDD Verify correct display of selected items in the user's cart

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Preconditions

1. Navigate to the [Peony Patterns](#) webpage
2. User has products added to the cart

BDD Scenarios

- 1 Given the user has added items to their cart
When the user views their cart
Then the selected items should be displayed correctly in the cart

C12 BDD Test adding multiple Items to the cart

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		

Preconditions

1. Navigate to the product page of [Peony Patterns](#)

BDD Scenarios

- 1 Given the user is on the product page
When the user adds multiple items to the cart
Then all selected items should be added to the cart

C13 BDD Verify that the user is able to view their cart and update the quantity and remove items

Test Cases

Type Functional	Priority High	Assigned To None	Estimate None
References None	Automation Type None		


Preconditions

- Go to the product page for [Peony Patterns](#)
Add multiple items to the cart

BDD Scenarios

- 1 Given the user has items in their cart
When the user views their cart
Then the user should be able to update the quantity and remove items as desired

Issues/Bugs

 Add parent /  FP-1


Social Media Clickable buttons (and text) in the header not fully visible when the screen is narrow

 Attach  Add a child issue  Link issue  Create  

Description

Description: When the screen dimensions are smaller than 757x925, the Social Media link buttons (Watch Now, Join Now, Join Us) are not fully visible.

Steps to reproduce:

- Open webpage Peony Patterns  [Peony Patterns](#)
- Start scaling the screen size narrower than 757x925
- As the text goes on another line, the buttons (Watch Now, Join Now, Join Us) are not fully visible, however the buttons function as they should

Expected result: Scaling the screen smaller and/or larger does not effect the button visibility

Actual result: When screen is smaller than 757x925, the buttons (Watch now, Join Now, Join Us) are half visible, as the banner background does not change in size and text and buttons do not fully fit on the banner. When the text is longer it also is not fully visible on the narrower screen.

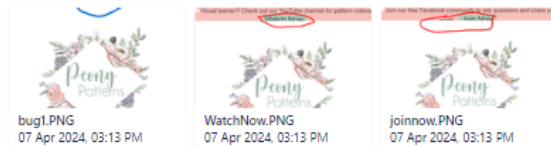
Tested on: Lenovo ThinkPad T470p Signature Edition

OS: Windows 10 Pro


Environment: Production


Browser: Google Chrome 123.0.6312.59

Attachments (3)



Activity

Show:  All  Comments  History

Newest first 

While using a mobile phone the shopping Cart logo not visible with longer product names

📎 Attach 👤 Add a child issue 🔗 Link issue ▾ Create ▾ ⋮

Description

Description: When using the mobile phone Website for Peony Patterns and choosing an older product with longer name, the cart logo is moved to the right side of the screen and is not automatically visible without moving the screen to the right.

Steps to reproduce:

- Open the product page for Peony Patterns [Products](#)
- Choose Bundle Doll and Child Rosemary Dress PDF Sewing Pattern [Bundle Doll and Child Rosemary Dress PDF Sewing Pattern](#) or older product on the list
- The Cart on the upper right corner is not fully visible and user needs to move the screen to the right side to access Cart.

Expected result: Cart remains visible at all times on all devices used

Actual result: Shopping Cart logo is moved to the right side of the screen when opening an older product with longer name and is not visible without moving the screen to the right

Tested on: Samsung Galaxy S20

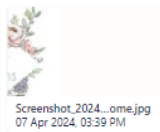
OS: Android 13

Environment: Production

Browser: Google Chrome 123.0.6312.99

Attachments (2)

⋮ +



Activity

Show: [All](#) [Comments](#) [History](#)

Newest first 45


While using a mobile phone and downloading purchased products you can only download one product

 Attach  Add a child issue  Link issue  Create  

Description

Description: When using the mobile phone to download digital products from order history, user is redirected to SendOwl and can only download one of the digital products listed and automatic download does not start with other products when tapping on "Download" button. When user refreshes the SendOwl page, it shown one less download available for the product that did not start to download. However, when user taps on "Download" button longer and has the option to "Open in a new tab", the download starts automatically.

Steps to reproduce:

- Open the product page for Peony Patterns  [Products](#)
- Log in with an existing and valid account that has order history with at least 2 products in the same purchase ID
- Tap on "Download here" to start downloading the digital products
- User is redirected to SendOwl page
- Tap on Download button to start downloading the product, make sure the product started to download
- Tap on another product's Download button and the product does not start downloading automatically, as the first product did
- Refresh the SendOwl page to see one less download left on the product.
- A workaround is to tap and hold longer o the Download button to choose "open in new tab" and the product starts downloading

Expected result: All purchased products start to download while tapped on the Download button

Actual result: User can only download 1 digital product automatically without having to either refresh SendOwl page or open the "Download" in a new tab

Tested on: Samsung Galaxy S20

OS: Android 13

Environment: Production


Browser: Google Chrome 123.0.6312.99

Link to the screen recording video where the bug is visible:

 [Bug on PeonyPatterns.com while using a mobile phone with downloading products](#)

Activity

Show:  All  Comments  History

Newest first 

Improvements

During listing the checkpoints and testing the page I observed and collected some suggestions that could improve the user experience of Peony Patterns website.

- Image consistency: Standardize the image and aspect ratio of product photos to create a more cohesive and visually appealing layout. This can help improve the overall aesthetics and user experience.
- Mobile-Friendly Navigation: Button positioning – move buttons to a more accessible location where they are fully visible and easy to tap on mobile devices (the Cart)

Overall, the webpage is easy to navigate and visually pleasing.

Test design techniques

In this Final project I focused on the usability, functionality and security of the Cart and overall user navigation. I focused on experience-based testing techniques such as

- Error guessing: I used experience and previous knowledge about the web application to try and guess where I could find bugs
- Exploratory testings: exploring the usability of the webpage and exploring the website without any scripts
- Checklist-based testing: I created a checklist to help me test the webpage

Summary

For my Final Project I chose to test www.peonypatterns.com webpage. I decided to an experience-based testing approach. I also wanted to test myself, to see if I notice any bugs.

I decided to use experience-based testing techniques, such as error guessing, exploratory testing and checklist-based testing.

I encountered some difficulties during the project, such as for what to concentrate on and what is critical and what is important but can still wait. To determine priority levels was also difficult, as everything seems important. Also, at first the project seemed very overwhelming. Once I chose a website and started working on this project step by step, it was more manageable. I learned about my own skills, what I should improve and got confirmation that I can overcome my own personal difficulties, as the project seemed very overwhelming at first.

I am pleased with the Final project outcome. Through uncovering bugs and issues, I believe Peony Patterns will gain valuable insights into potential issues their clients might encounter.