

Day5 : Testing and Backend Refinement

Overview:

So basically, day 5 is about error handling hoe to handle errors their solutions and testing our website and about the performance of it ..

Product Listing

Objective:

Verify that the product listing page is displaying correctly and the API is successfully fetching product data.

Test Summary:

1. Product Listing Page:

- Verified that the page loads correctly, displaying product details).
- **Status:** Passed

2. API Functionality:

- Tested API response for fetching product data. Data returned was valid,
- **Status:** Passed.

3. Error Handling:

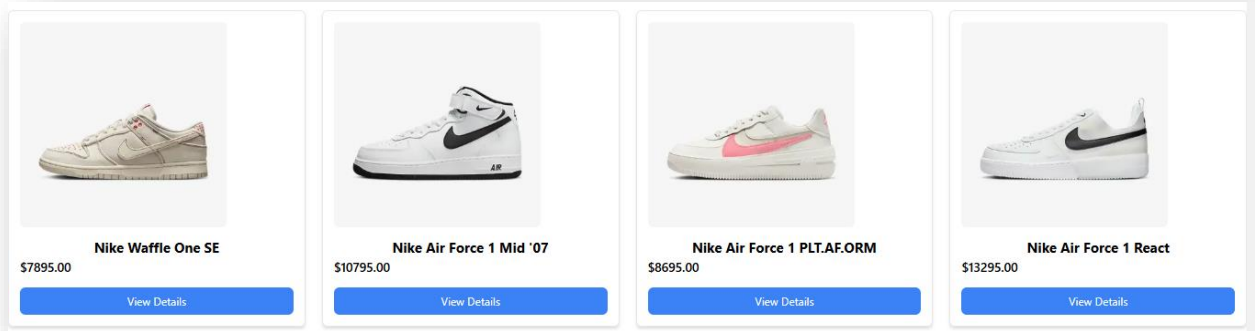
- Simulated API failure and ensured the system showed a proper error message.
- **Status:** Passed

Conclusion:

Both the product listing page and API are functioning correctly. No issues were found during testing.

Recommendation:

Ready for deployment.



Cart

Objective:

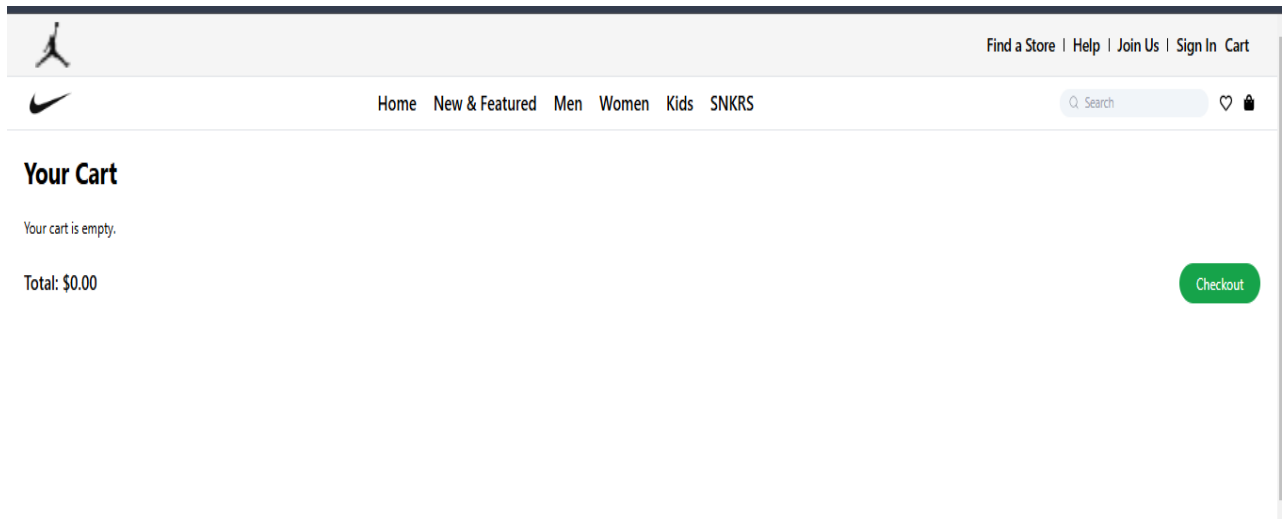
Verify the functionality of the cart page and identify issues related to dynamic access and image accessibility.

Test Summary:

1. **Cart Page Functionality:**
 - The cart page displays added items with correct details (name, quantity, price).
 - **Status:** Passed
2. **Dynamic Access Issue:**
 - The cart page cannot be accessed dynamically (e.g., via direct URL or external navigation).
 - **Status:** Failed
3. **Image Accessibility:**
 - Images on the cart page are not accessible or are not loading correctly.
 - **Status:** Failed

Conclusion:

- The cart page displays items correctly, but dynamic access and image loading are not functioning as expected.
- **Result:** Investigating and fixing issues with dynamic access and image loading.



Product Detail

Objective:

Verify the functionality of the product detail page, focusing on data display and image accessibility.

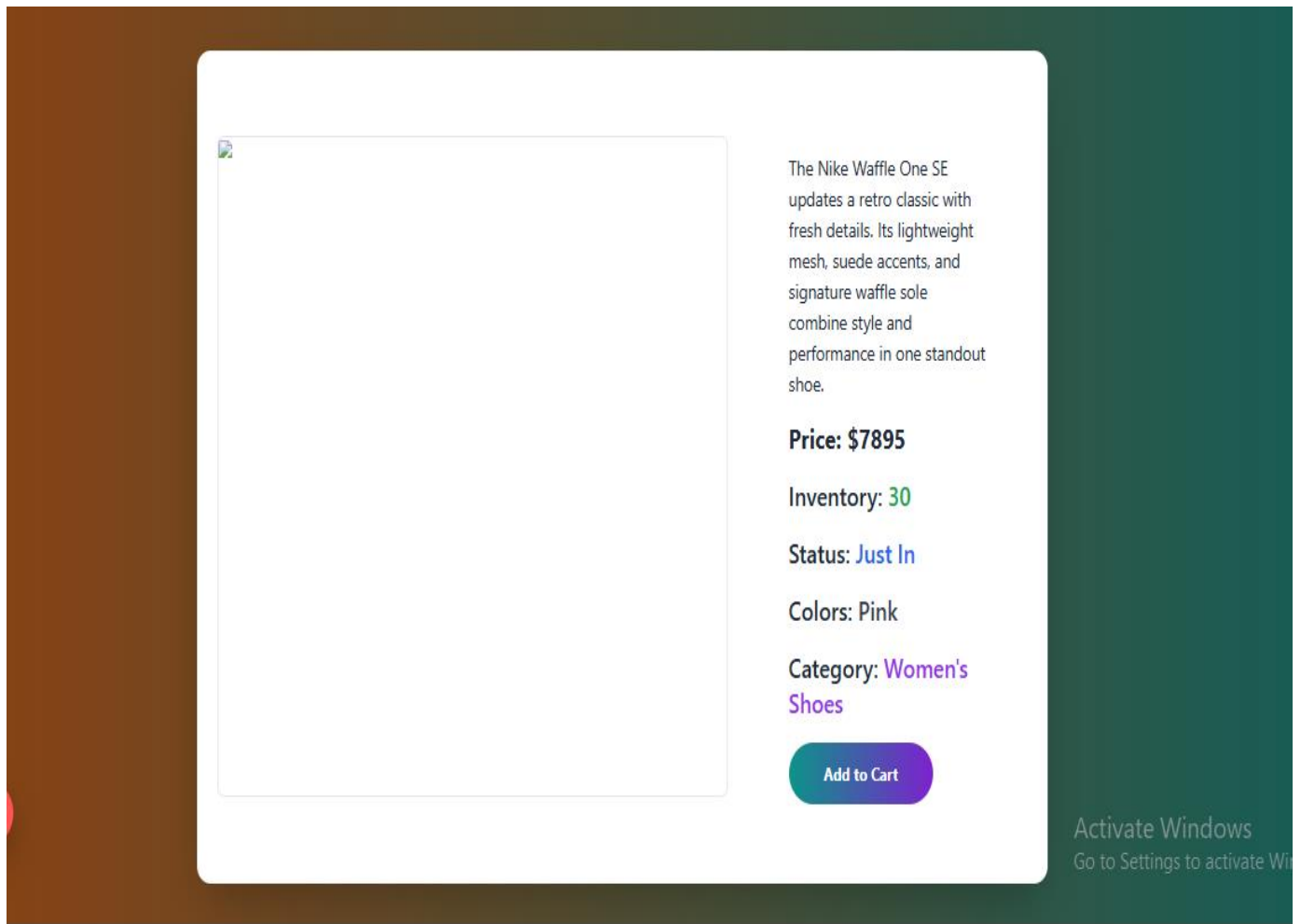
Test Summary:

1. **Product Detail Page Functionality:**
 - The product detail page displays all relevant information (name, price, description) correctly.
 - **Status:** Passed
2. **Image Accessibility:**
 - The product image is not accessible or failing to load on the page.
 - **Status:** Failed

Conclusion:

- The product detail page is functioning as expected, with correct product information displayed.
- **Issue:** The product image is not loading or accessible.

Result: Investigating and resolving the image loading issue.



CheckOut

Objective:

Verify the functionality of the checkout page, including button navigation and dynamic access.

Test Summary:

1. Checkout Page Access:

- The checkout page is accessible via the button and can be dynamically accessed without issues.

- **Status:** Passed

2. Checkout Page Functionality:

- The checkout page works perfectly, displaying all necessary fields
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 - **Status:** Passed
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Conclusion:

- The checkout page is fully functional, and dynamic access via the button is working as expected.

Result: No issues found; ready for deployment.

Responsiveness

Objective:

Verify the responsiveness and functionality of the product list, cart, checkout pages, header, and product detail page.

Test Summary:

1. Product List Page:

- The product list page is fully responsive across desktop, tablet, and mobile devices. Elements resize and adjust correctly for all screen sizes.
- **Status:** Passed

2. Cart Page:

- The cart page is responsive, adjusting layout and elements for various screen sizes, ensuring a smooth user experience.
- **Status:** Passed

3. Checkout Page:

- The checkout page is fully responsive and displays all necessary fields and buttons correctly on all devices.
- **Status:** Passed

4. Footer:

- The footer is fully responsive, adjusting its layout appropriately for different screen sizes without breaking.
- **Status:** Passed

5. Header:

- The header is not fully responsive and does not adjust correctly on smaller screen sizes (e.g., mobile). Some elements overlap or don't scale properly.
- **Status:** Failed

6. Home Page:

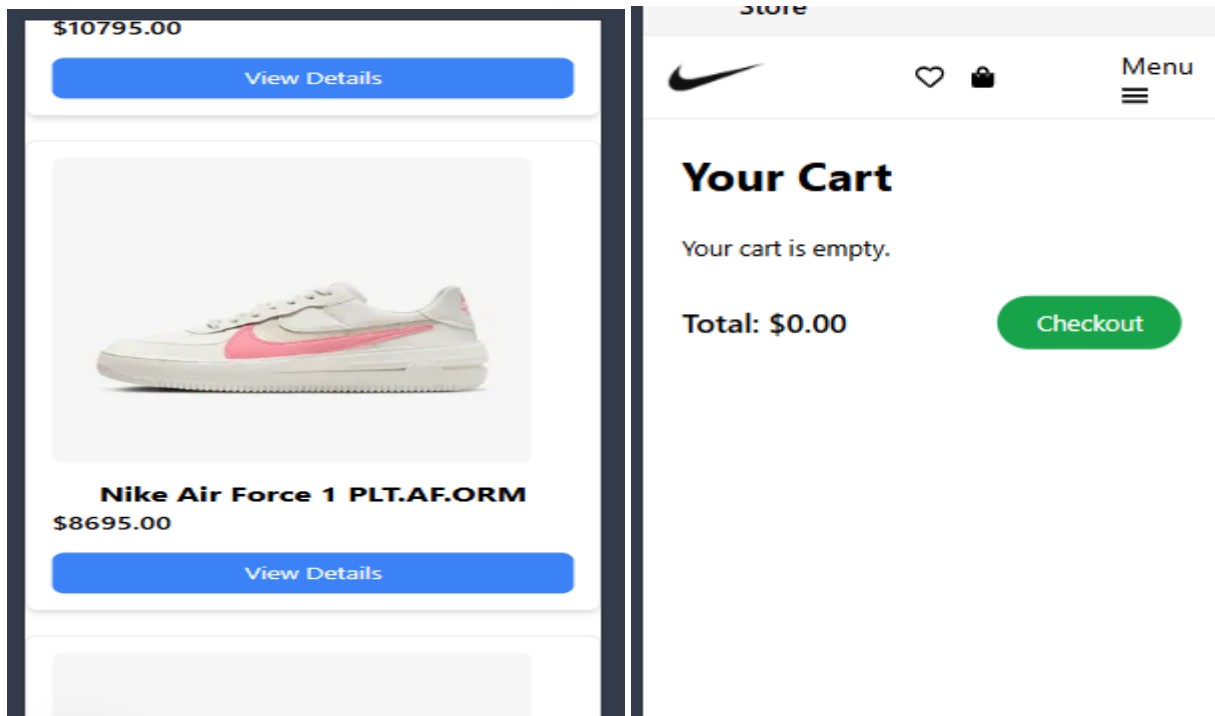
- The home page is mostly responsive but has minor layout issues in some areas (e.g., misalignment or broken layout on certain screen sizes).
- **Status:** Failed

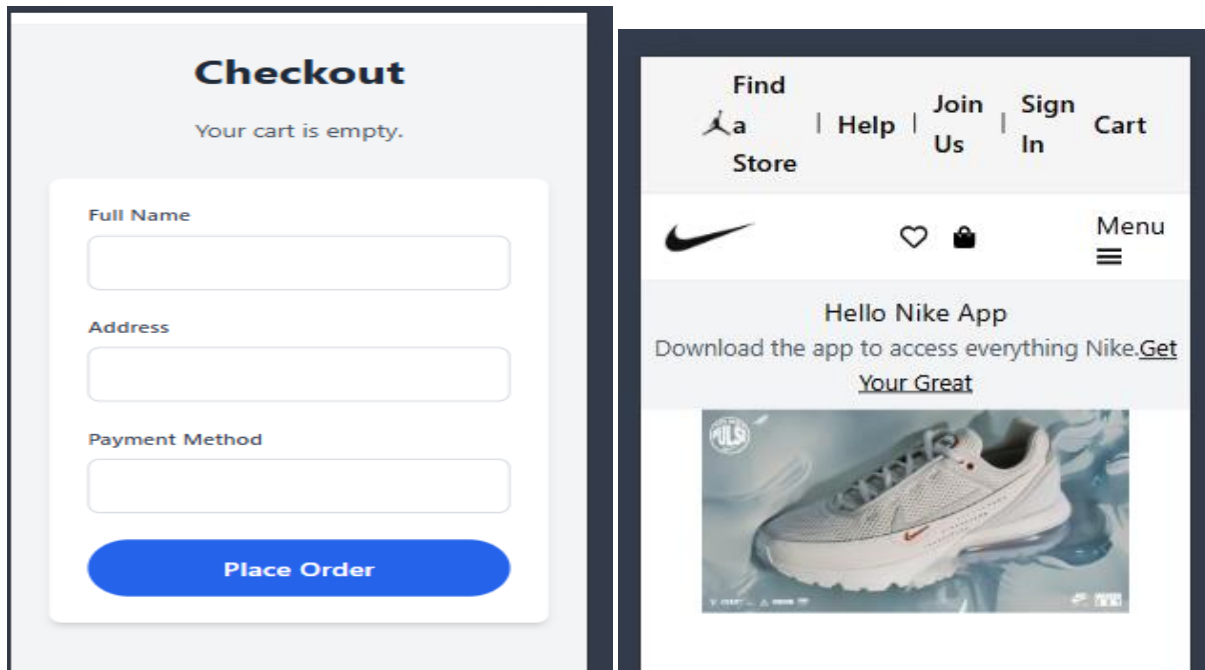
7. Product Detail Page:

- The product detail page functions well, but there is a minor issue (e.g., a small alignment problem or missing detail) that needs attention.
- **Status:** Failed

Conclusion:

- Most pages (Product List, Cart, Checkout, and Footer) are fully responsive and functioning well. However, the **Header**, **Home Page**, and **Product Detail Page** have some responsiveness issues that need to be addressed.
- **Result:** Reviewing and fixing the responsiveness issues with the Header, Home Page, and Product Detail Page.





Sign-Up/Login Pages:

- Responsive, but not accessible due to issues with form submission and page navigation.
- **Status:** Failed

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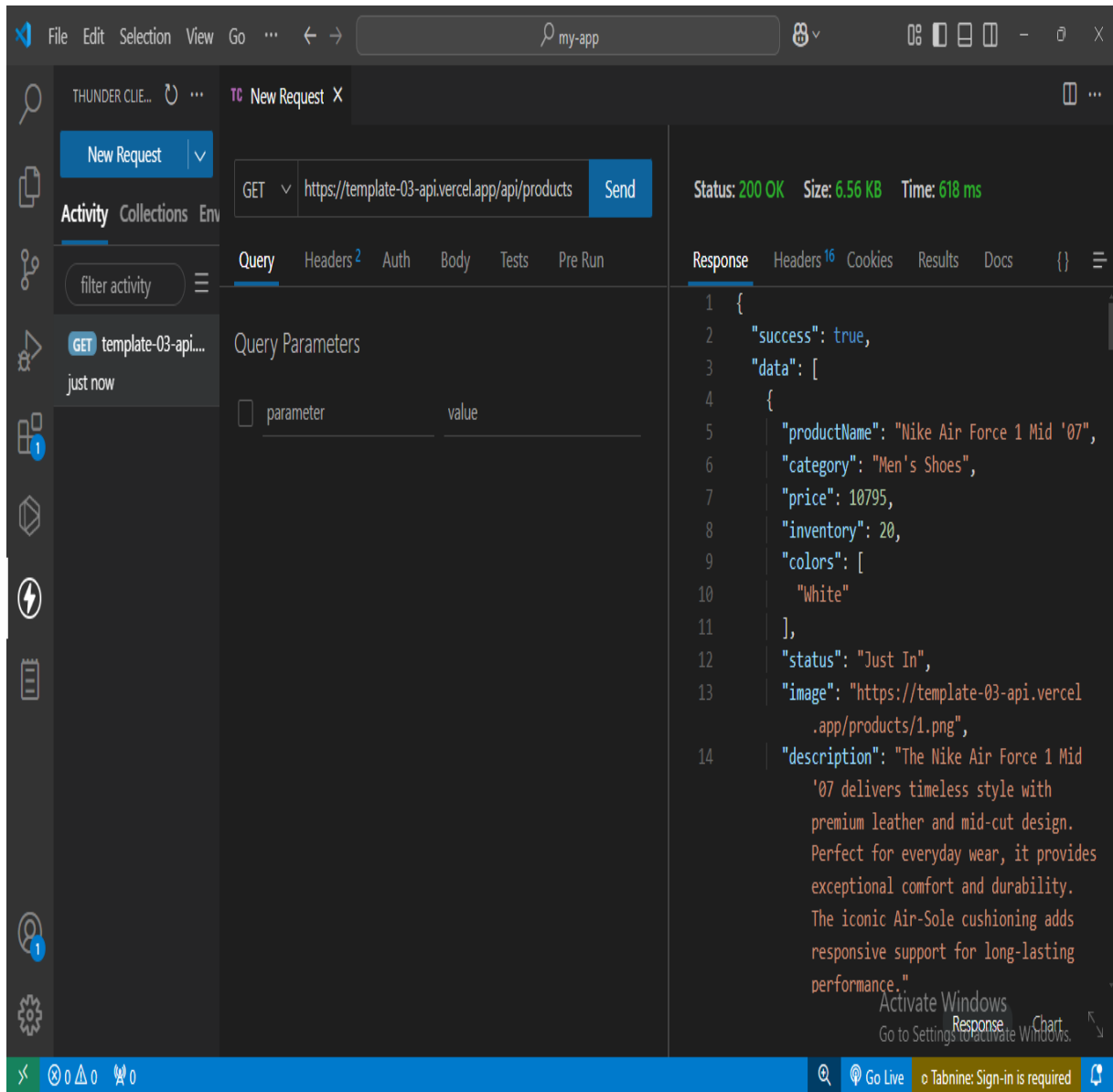
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Tested API'S with Thunder Client



Table

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	High		No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	Low	-	Not working properly
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

Conclusion

Overall, the product listing and checkout pages are ready for deployment, while further work is required on the cart page, product detail page, header, home page, and sign-up/login pages. Once the identified issues are resolved, the website will be closer to a successful deployment.

The END..!