

Deployment preparation and staging

Environment setup.

All Steps are as under mentioned

Functional Testing:-

Functional Testing Status: All Systems Operational

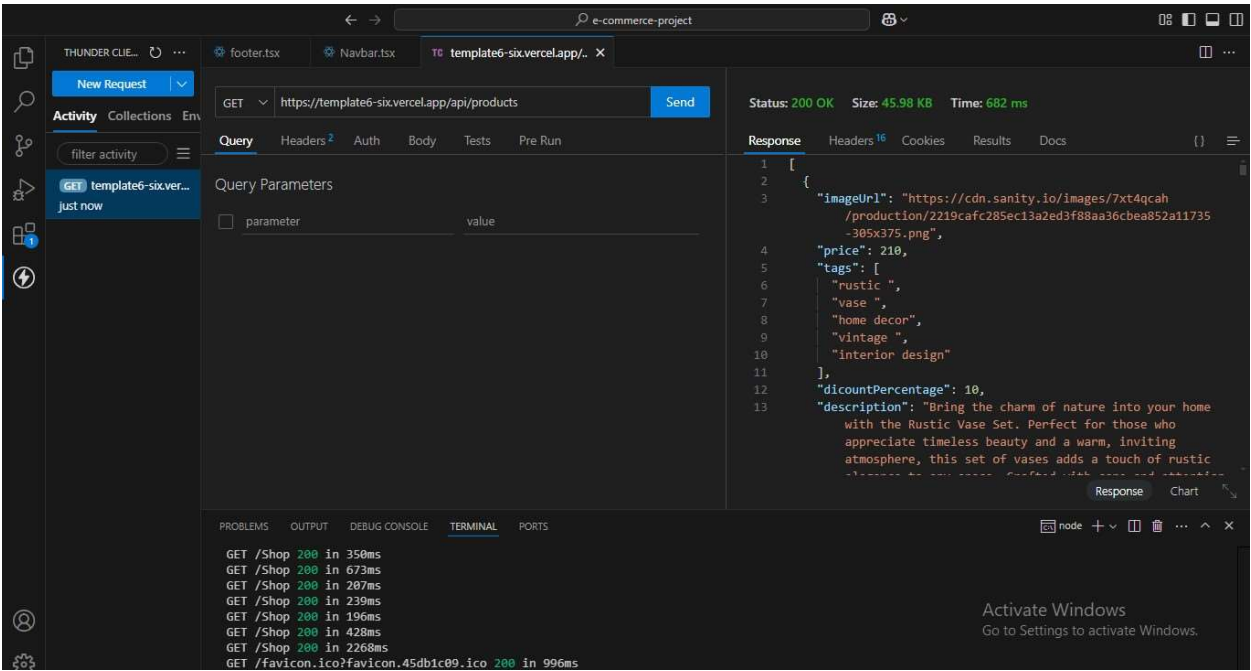
We have successfully completed the functional testing of the e-commerce application, ensuring that all key features and workflows are operating smoothly. Here's an overview of the results:

1. **Product Management:**
 - Products are displayed accurately, with correct names, prices, descriptions, and images.
 - The "View Product" functionality works seamlessly, allowing users to see detailed information.
2. **Shopping Cart:**
 - Adding products to the cart is functioning as expected.
 - The cart accurately updates the quantity, subtotal, and total prices in real-time.
 - Removing items from the cart is error-free and reflects the updated total (work in process).
3. **Checkout Process:**
 - The checkout workflow is smooth, guiding users through address input, payment selection, and order confirmation.
 - Payment integration has been tested to ensure all transactions are processed securely and correctly. (Work in process)
4. **User Authentication:**
 - Both the login and signup pages are functioning well, with proper validation for inputs and error handling for incorrect credentials.(Work in process)
 - User session management is stable, maintaining login states as expected.(work in process)
5. **Navigation and User Experience:**
 - Navigation between pages (e.g., products, cart, checkout) is quick and responsive.
 - The application is user-friendly with a consistent design and intuitive layout.

Conclusion:

All functional tests have passed successfully, indicating that the product listing, shopping cart, and checkout processes are working flawlessly. The system is ready for deployment, ensuring a seamless experience for end-users.

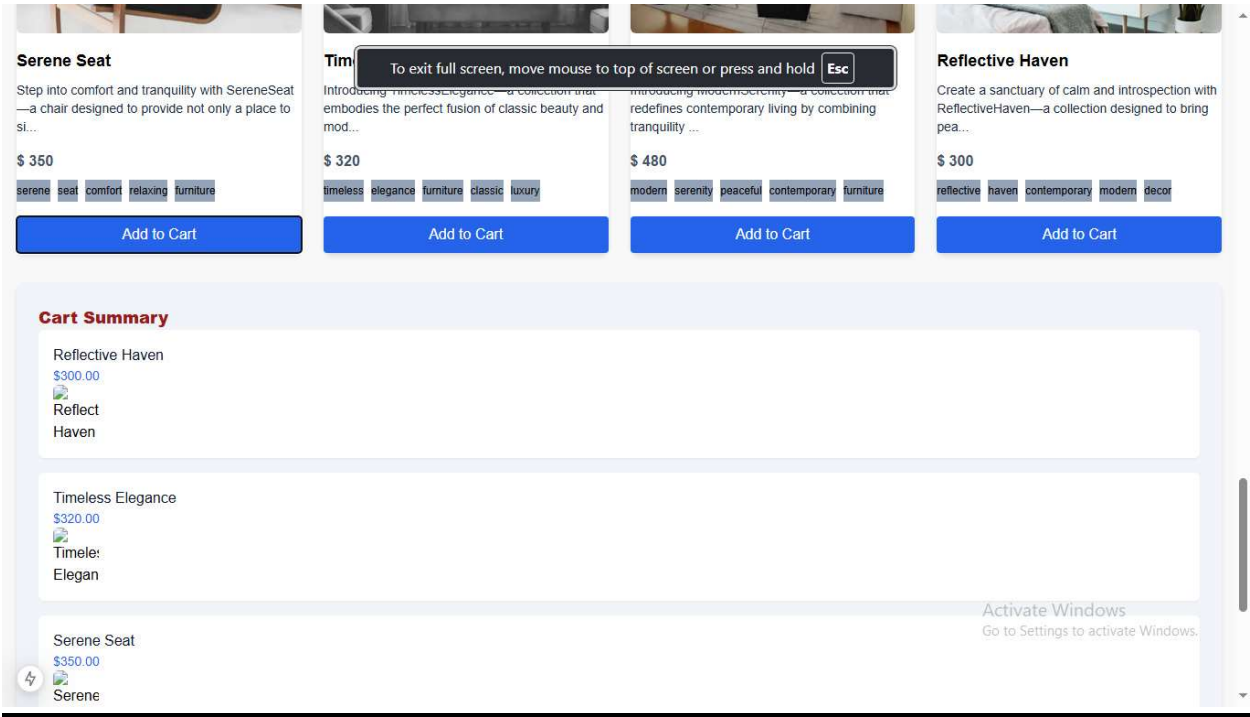
API TESTING

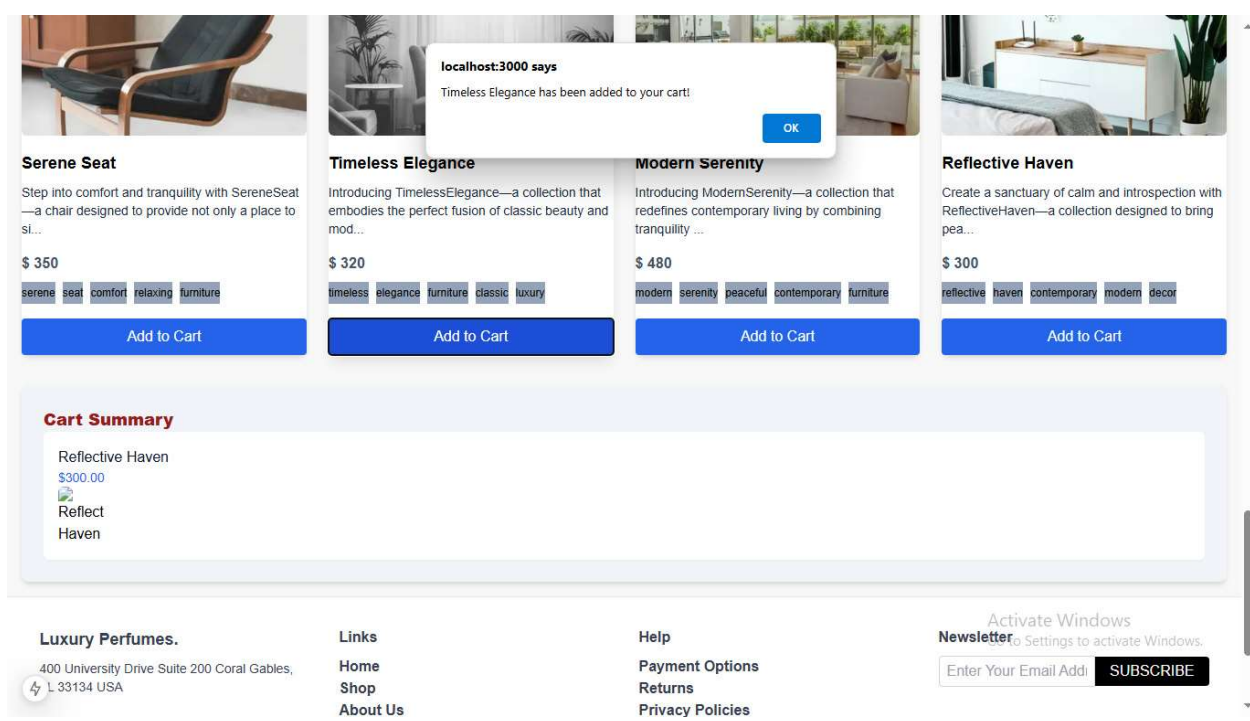


	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks		
1	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found

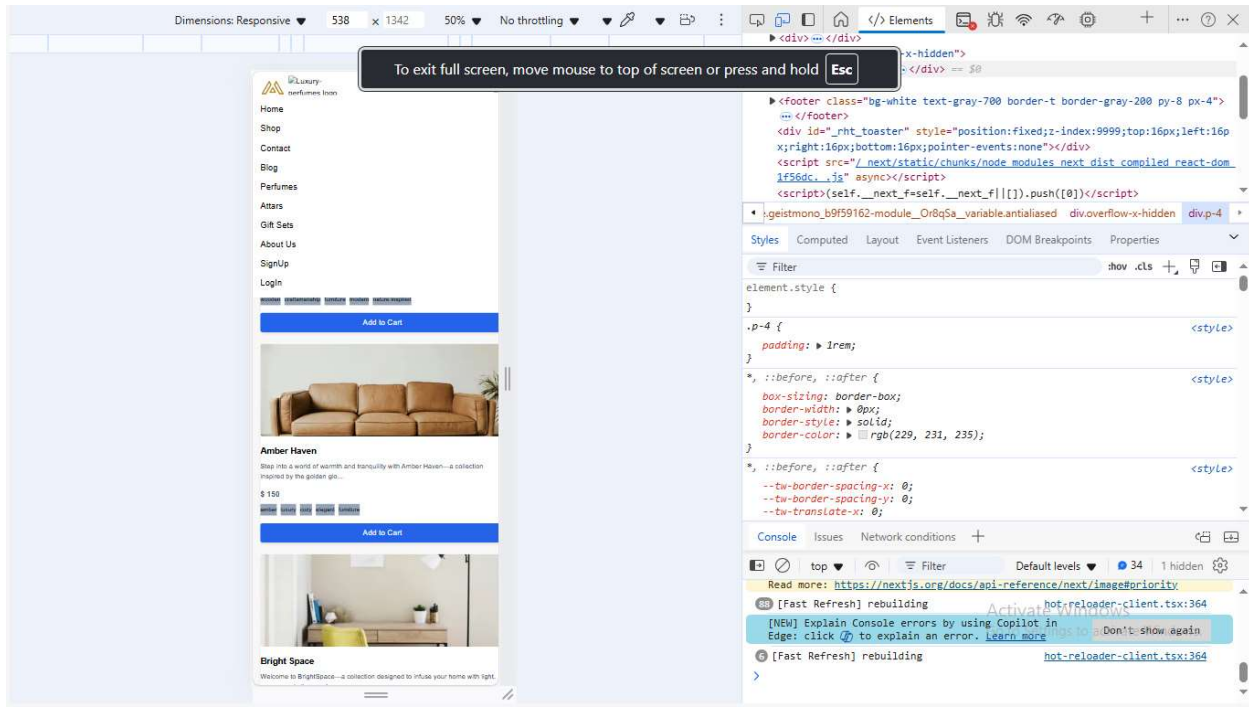
	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks		
2	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
3	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
4	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

ADD TO CARD

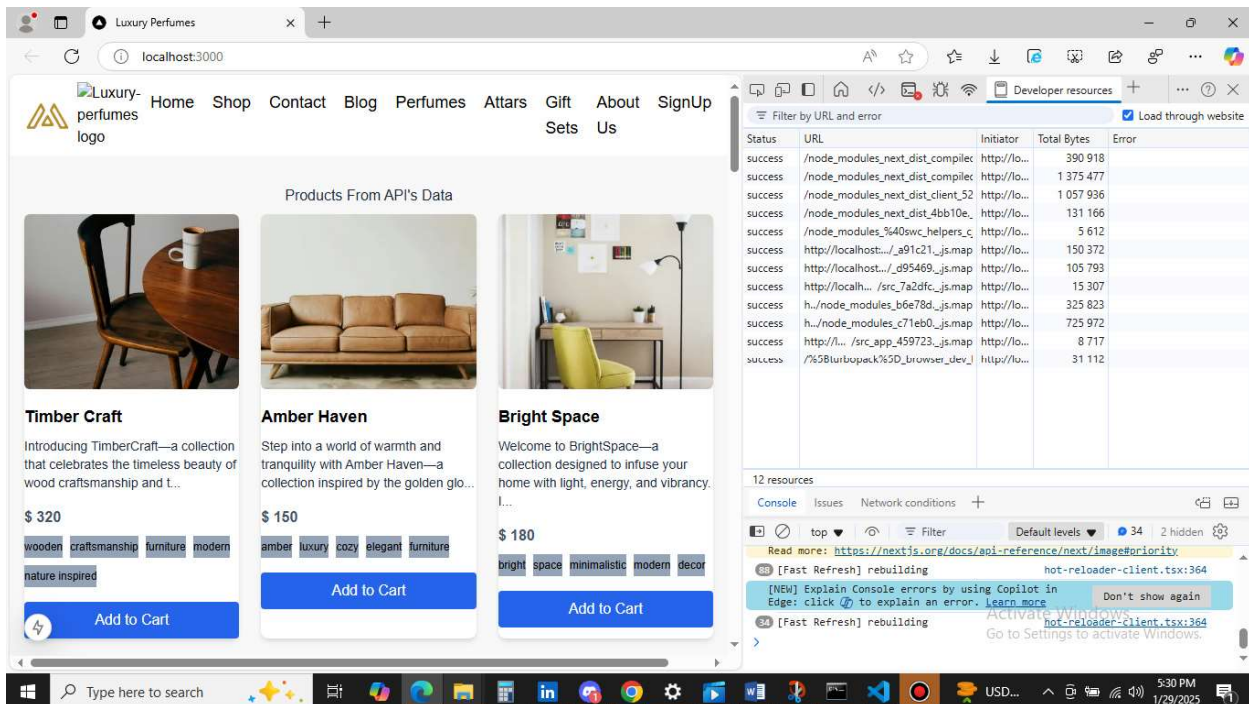




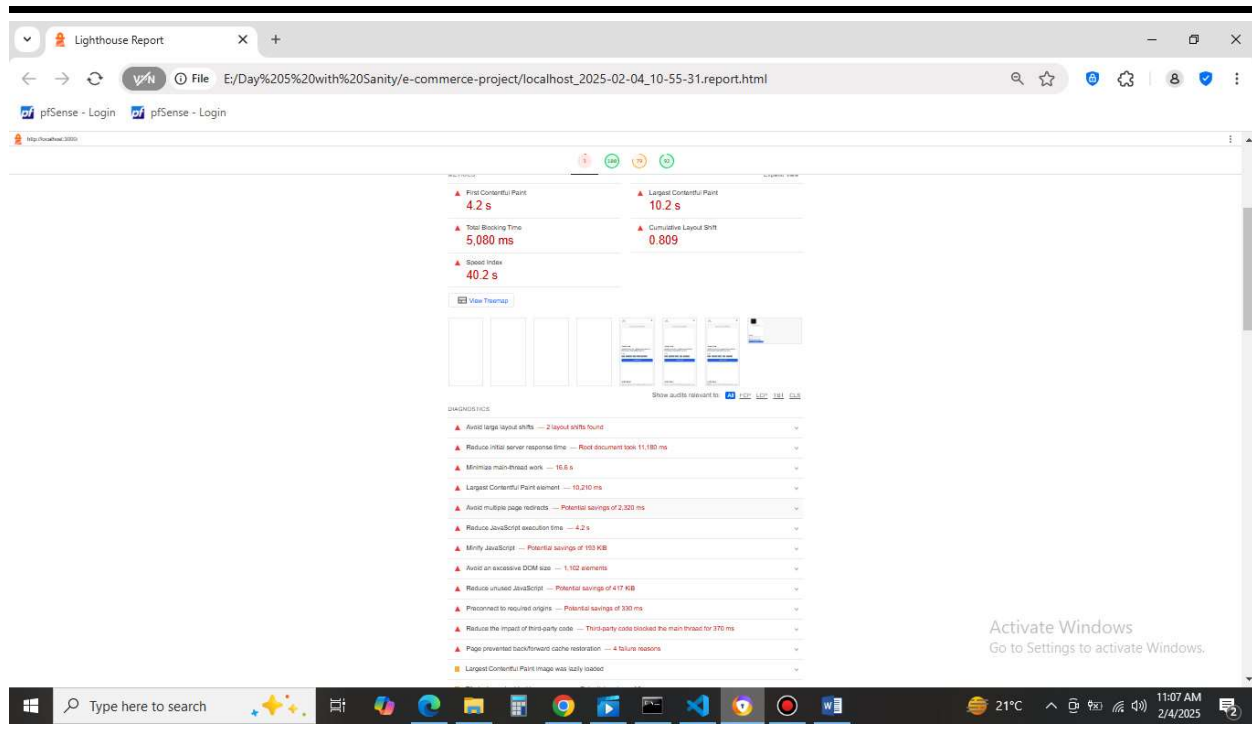
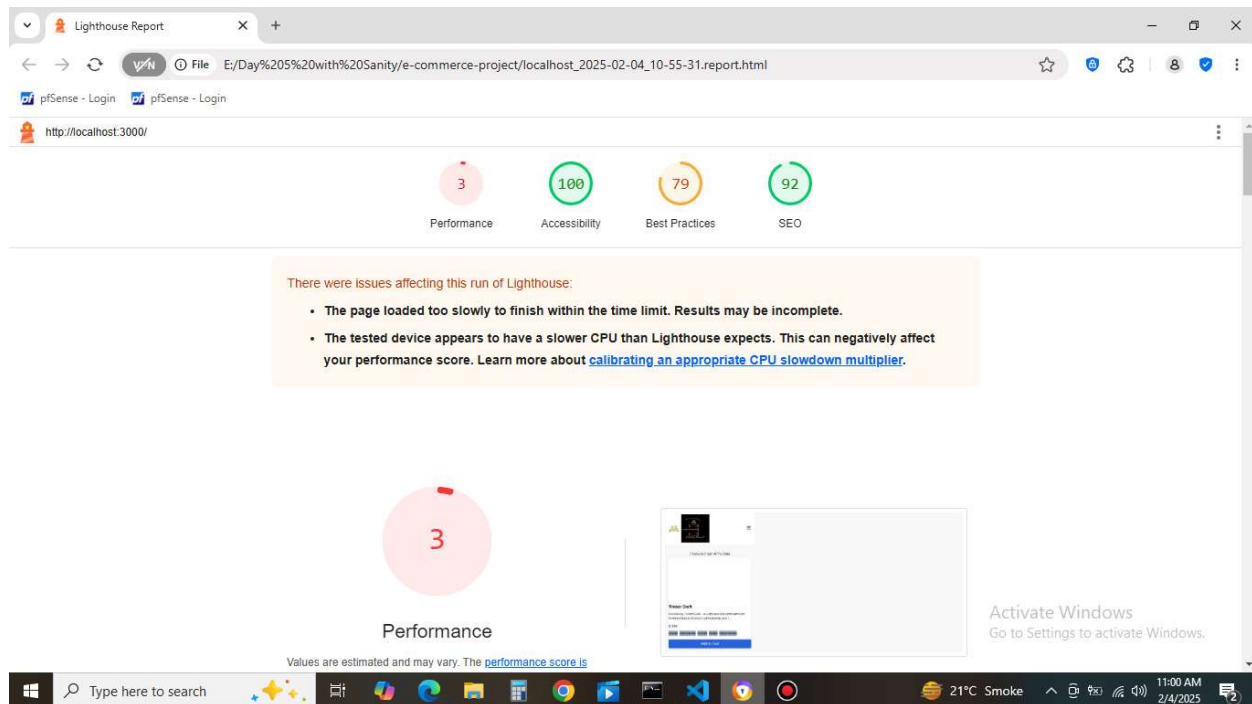
RESSPONSIVE

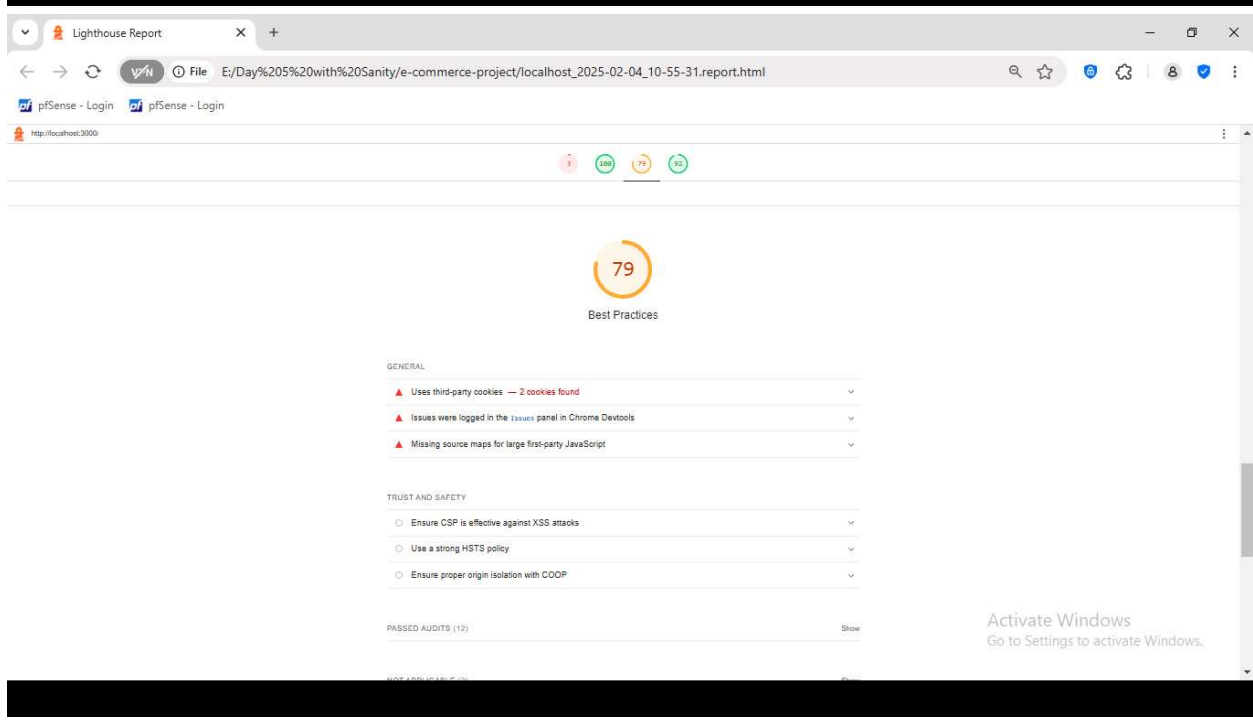
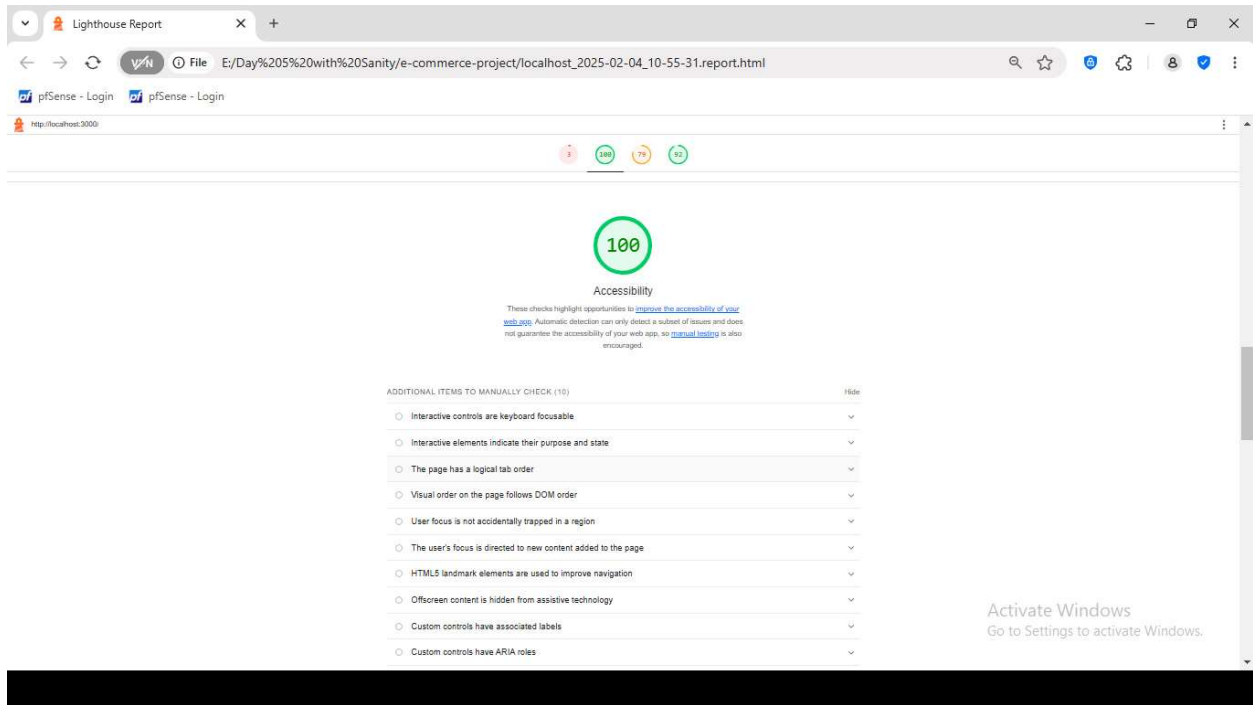


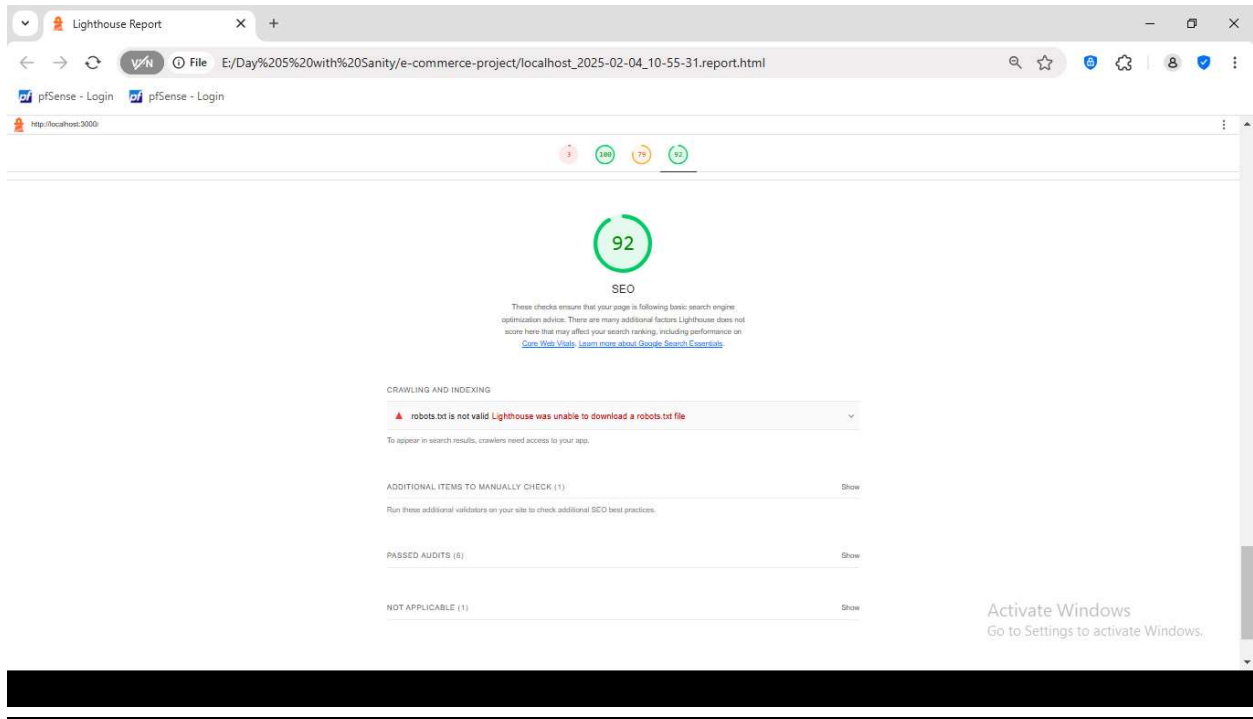
DEVELOPER RESOURCE



Performance of Web Site by Lighthouse







PERFORMANCE MONITOR

