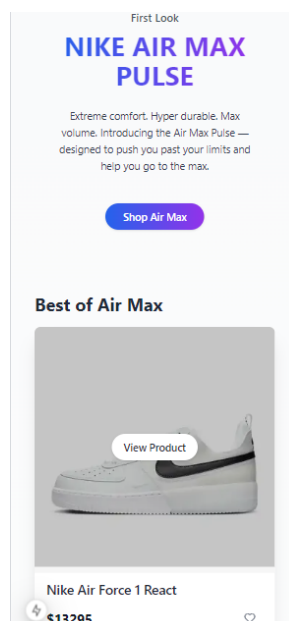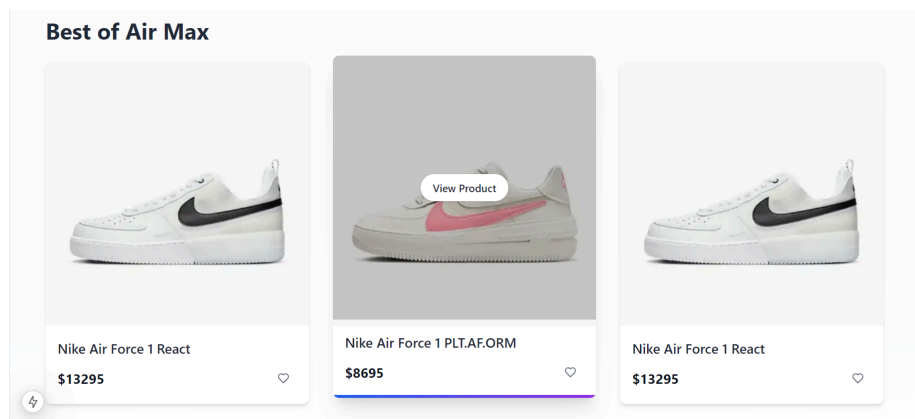# Day 5 - Testing and Backend Refinement:
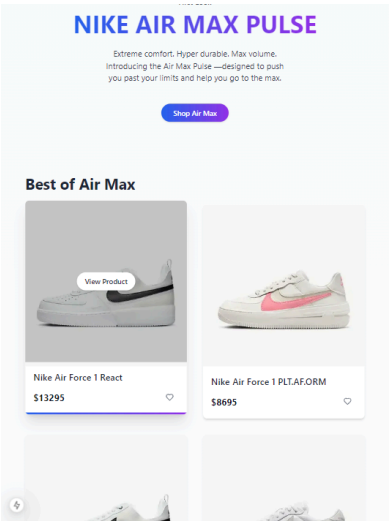
Functional Testing:

The navigational links are operational with enhanced UI, user can interact with each page using nav links in Header.

The components are fully functional,

there is a gradient and animation effect on hover.

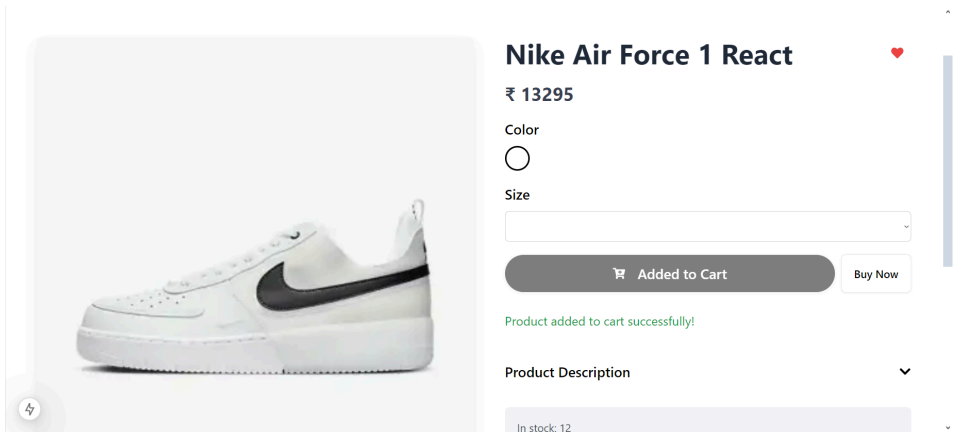On hover a button displayed "view product" linked to product detail page.

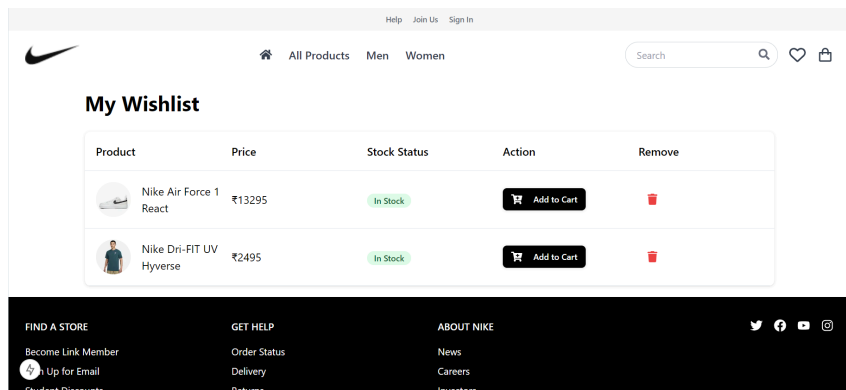and responsive on different screen sizes.

Cart Component with basic functionalities.

of addition , removal, and update. as well it allows user to select the size and color of the product, or if thy want they can add the product in Wishlist.
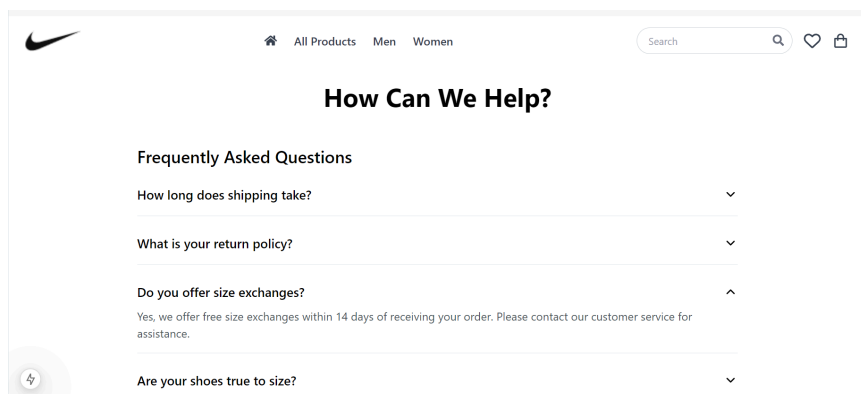

Wishlist component is fully responsive as well with fundamental functionalities.

such as (display "add to cart" when in stock, and display "Contact us" when unavailable stock of a product)
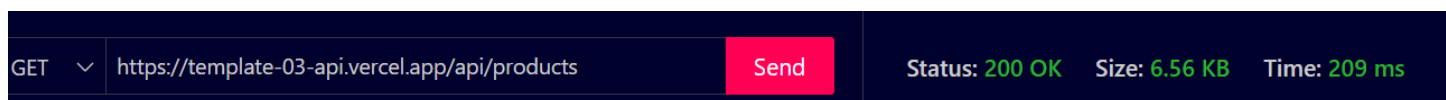
Help page with basic FAQs.

clicking on dropdown arrow displays the Frequently asked question's answer.
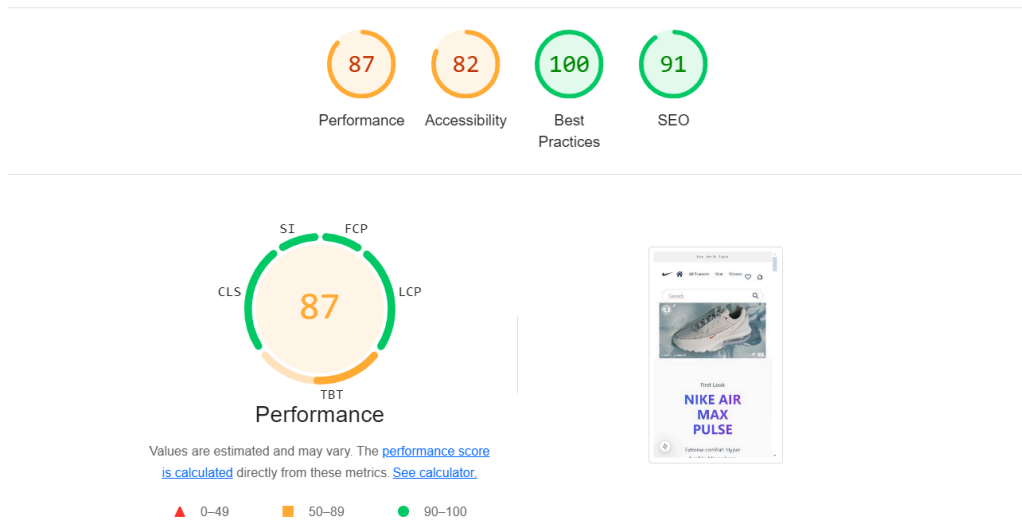

Report from Thunder Client

Error Handling:

Add fallback options for API failures.

Display descriptive message "Product currently unavailable".

Testing report:

Test Case ID	Tested Feature	Expected Result	Actual Result	Status	Level	Remarks
TC001	Validate product listing page	Products displayed correctly	Products displayed correctly	Passed	high	No issues found
TC002	Test API error handling	Show fallback UI with error message	Error message shown	Passed	Medium	Handled gracefully
TC003	Check cart functionality	Cart updates with added product	Cart updates as expected	Passed	High	No issues found
TC004	Ensure responsiveness on mobile	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	Test successful
TC005	Dynamic Working	Pages rendering without issue.	Functional	Passes	High	No issues found

Performance Optimization:
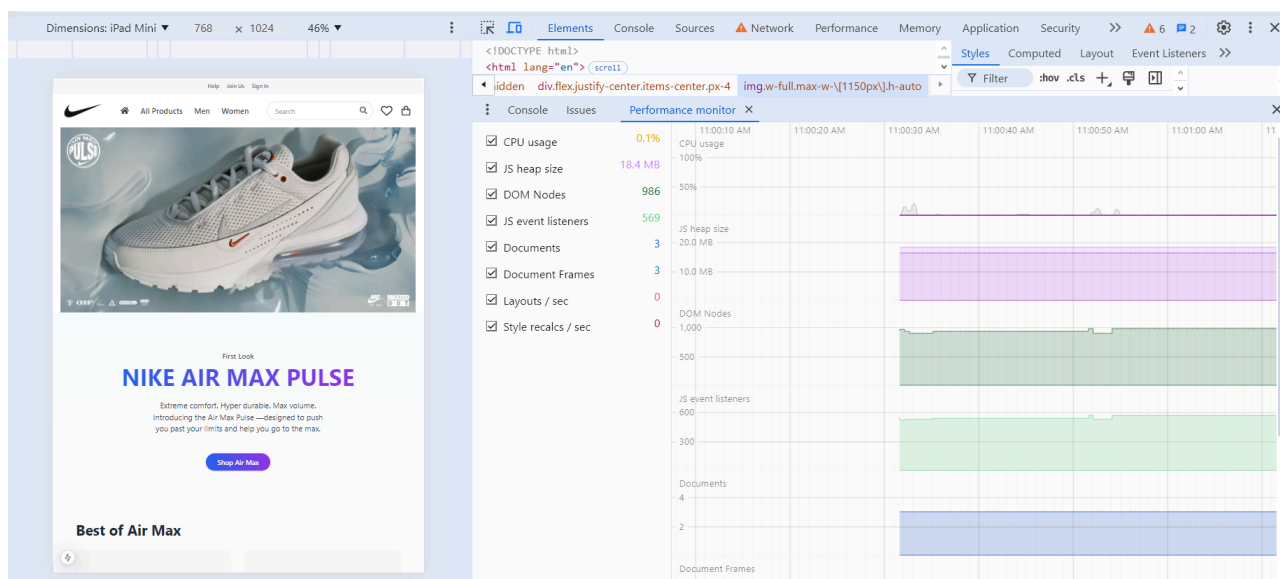
Device compatibility:

Ensure cross-platform reliability.

Tested Browsers: Chrome, Firefox, Safari, Edge (Via Browser Stack).

Tested Devices: Smartphone, Tablets, and Desktop.

Maintain responsiveness across resolutions.

Performance Monitor:

Created by **ARISHBA KHAN -SENIOR STUDENT**

SUNDAY 2 TO 5PM.