Day-6

Deployment Preparation and Staging Environment Setup

Table of Contents

Key Components:
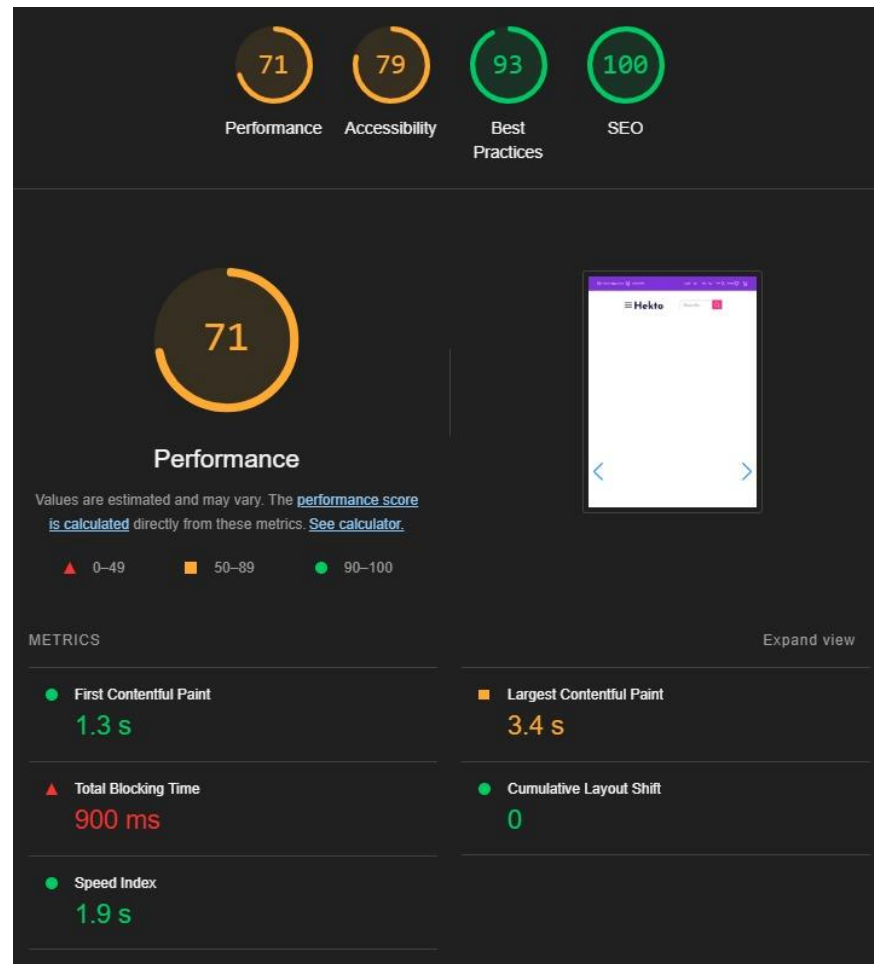
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	No error messages	Failed	Medium	-	No error message on API disconnect
TC003	Check cart functionality	-> Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	Low	-	Works as expected
		-> Increase the Product Quantity	product quantity in the cart should not exceed the stock level	product quantity in the cart is exceeding the stock level	Failed	Critical	-	Cart allows exceeding stock quantity; functionality to limit is missing
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Minor Improvement

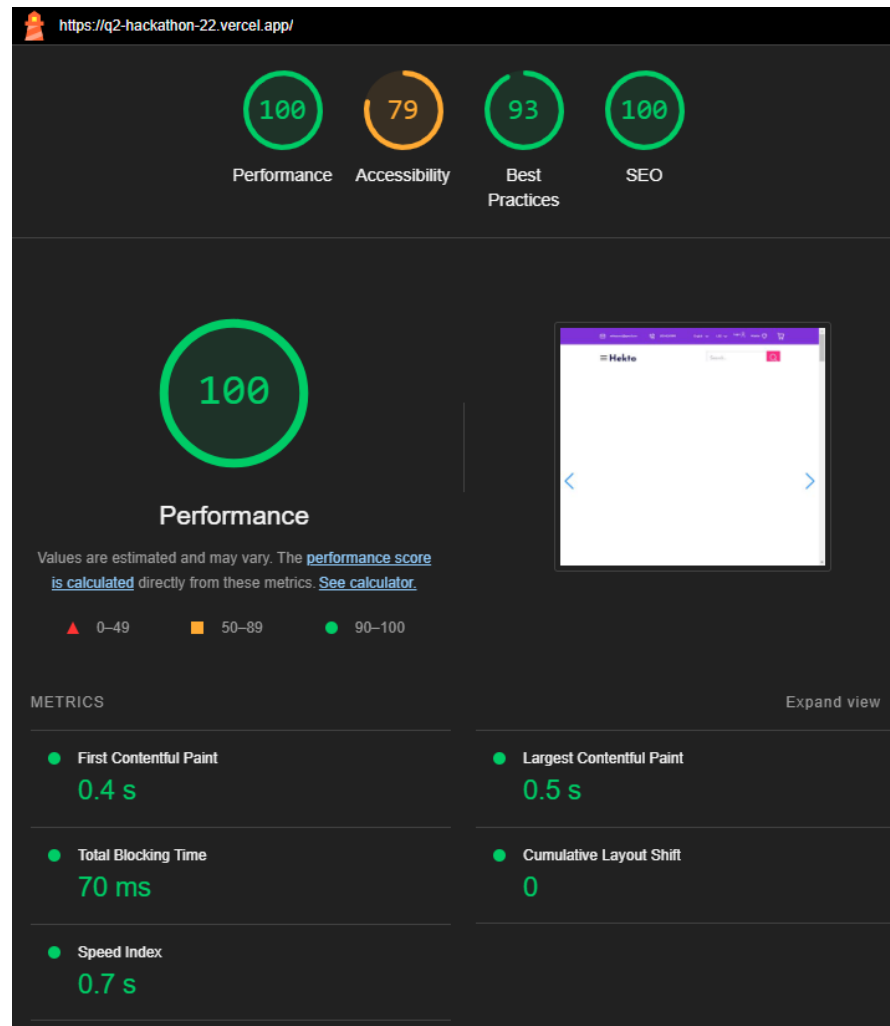| TC005	Speed between Navigation	Home > Navigate to other page	Fast	Slow	Not Sure	Medium	-	Not expected
TC006	Validate Search Bar	Search those items which has not in sanity	Showing dropdown > No product Found	Dropdown not showing while searching irrelevant items	Passed	Low	-	Works as expected
TC007	Validate Dynamic Product Detail Pages	Click to any Product	Open Dynamic Product Detail Pages	Open Dynamic Product Detail Pages	Passed	Low	-	Successful

Test website through Lighthouse:

1. Mobile

Note: The content of my page is not visible because of the slides.

2. Desktop

Note: The content of my page is not visible because of the slides.

3. Staging Environment Deployed:

The staging environment being used here is Vercel.
Link: https://q2-hackathon-22-bx5rfbzyw-maheen-zubairs-projects.vercel.app

> ∨ Environment Variables
>
> | Key | Value ⓘ | |
> |---|---|---|
> | NEXT_PUBLIC_SANITY_PROJECT_ID | I9JU23NF394R6HH | — |
> | NEXT_PUBLIC_SANITY_DATASET | I9JU23NF394R6HH | — |
> | SANITY_API_TOKEN | I9JU23NF394R6HH | — |
>
> ＋ Add More

Checklist

• *Deployment Preparation*	✓
• *Staging Environment Testing*	✓
• *Documentation*	✓
• *Form Submission*	✓
• *final review*	✓