Day 6 - Deployment Preparation and Staging Environment Setup
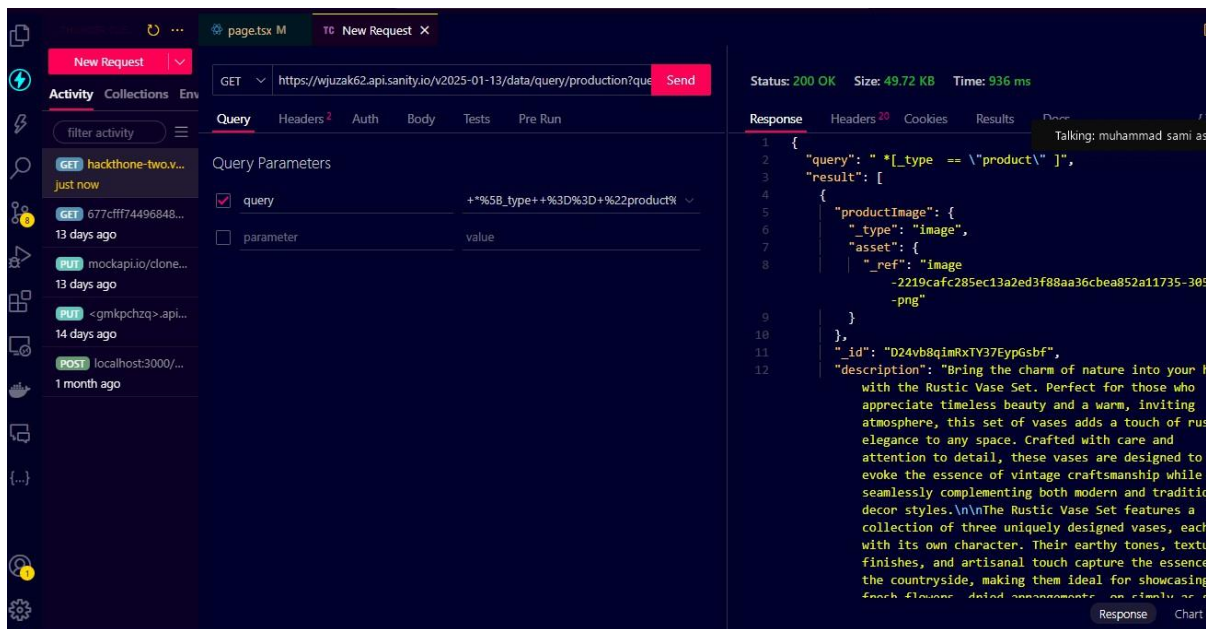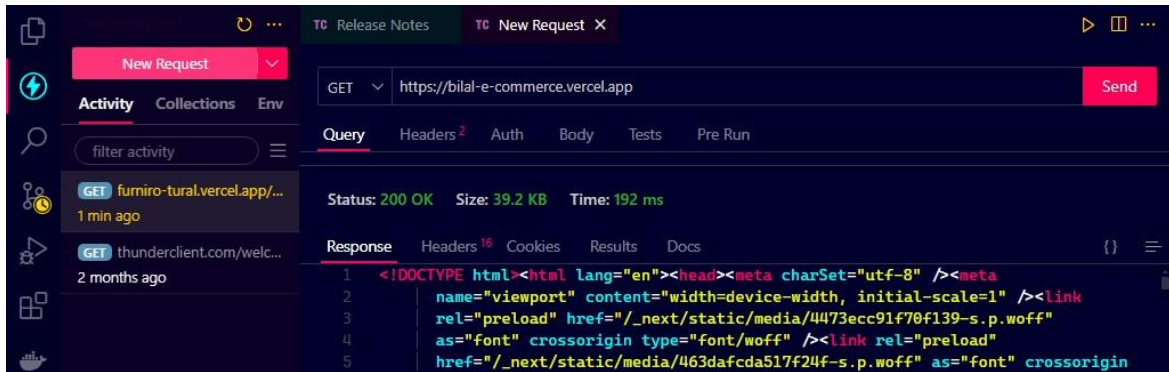
Performance Optimization:

Mobile | Desktop

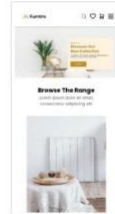| 95	90	96	100
Performance	Accessibility	Best Practices	SEO

95

Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49   ■ 50–89   ● 90–100

METRICS   Expand view

● First Contentful Paint
0.9 s

● Largest Contentful Paint
2.4 s

● Total Blocking Time
0 ms

■ Cumulative Layout Shift
0.108

● Speed Index
1.6 s

📅 Captured at Jan 22, 2025, 9:52 PM GMT+5 🖵 Emulated Moto G Power with Lighthouse 12.2.3 🔎 Single page session
⏱ Initial page load 📶 Slow 4G throttling 🌐 Using HeadlessChromium 131.0.6778.264 with lr

🖽 View Treemap

Show audits relevant to: **All** FCP LCP TBT CLS

DIAGNOSTICS

▲ Avoid large layout shifts — 1 layout shift found ⌄

▲ Eliminate render-blocking resources — Potential savings of 130 ms ⌄

🟧 Largest Contentful Paint image was lazily loaded ⌄

🟧 Properly size images — Potential savings of 32 KiB ⌄

○ Initial server response time was short — Root document took 10 ms ⌄

○ Avoids enormous network payloads — Total size was 415 KiB ⌄

90

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.
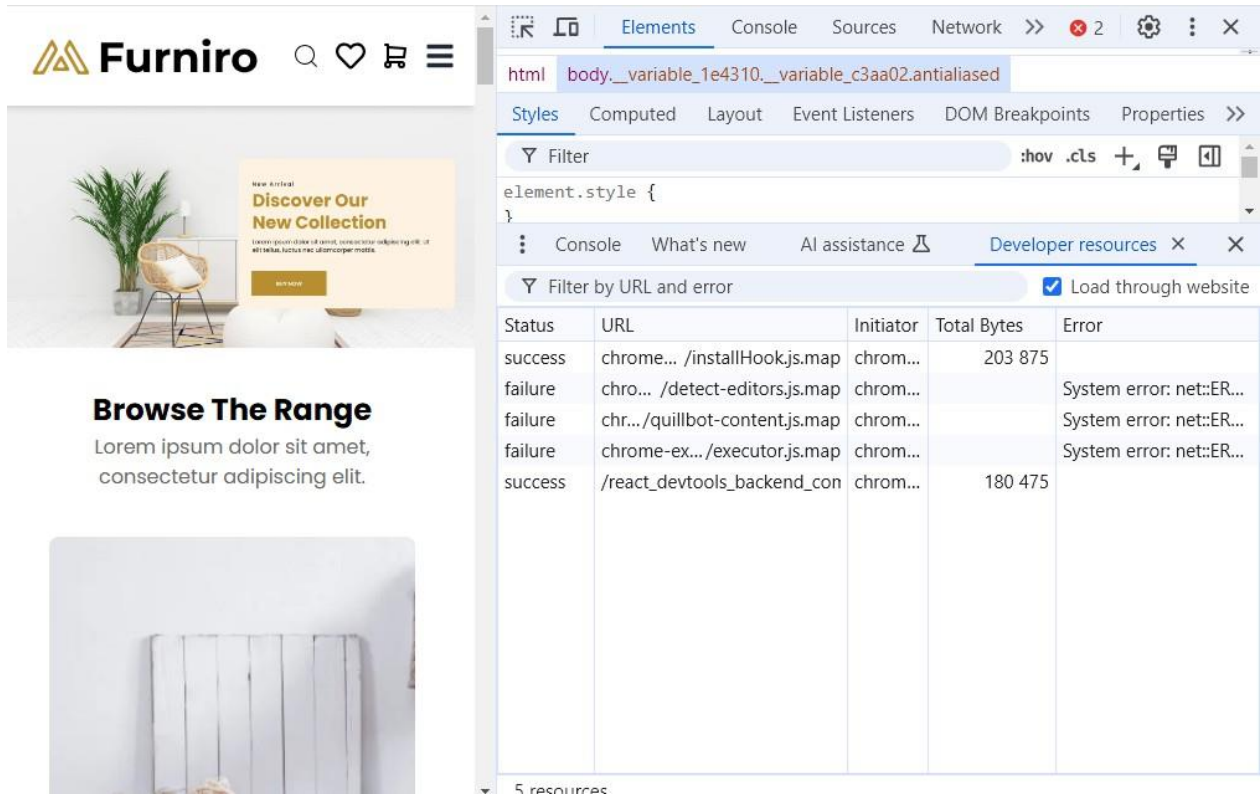
CONTRAST

▲ Background and foreground colors do not have a sufficient contrast ratio. ⌄

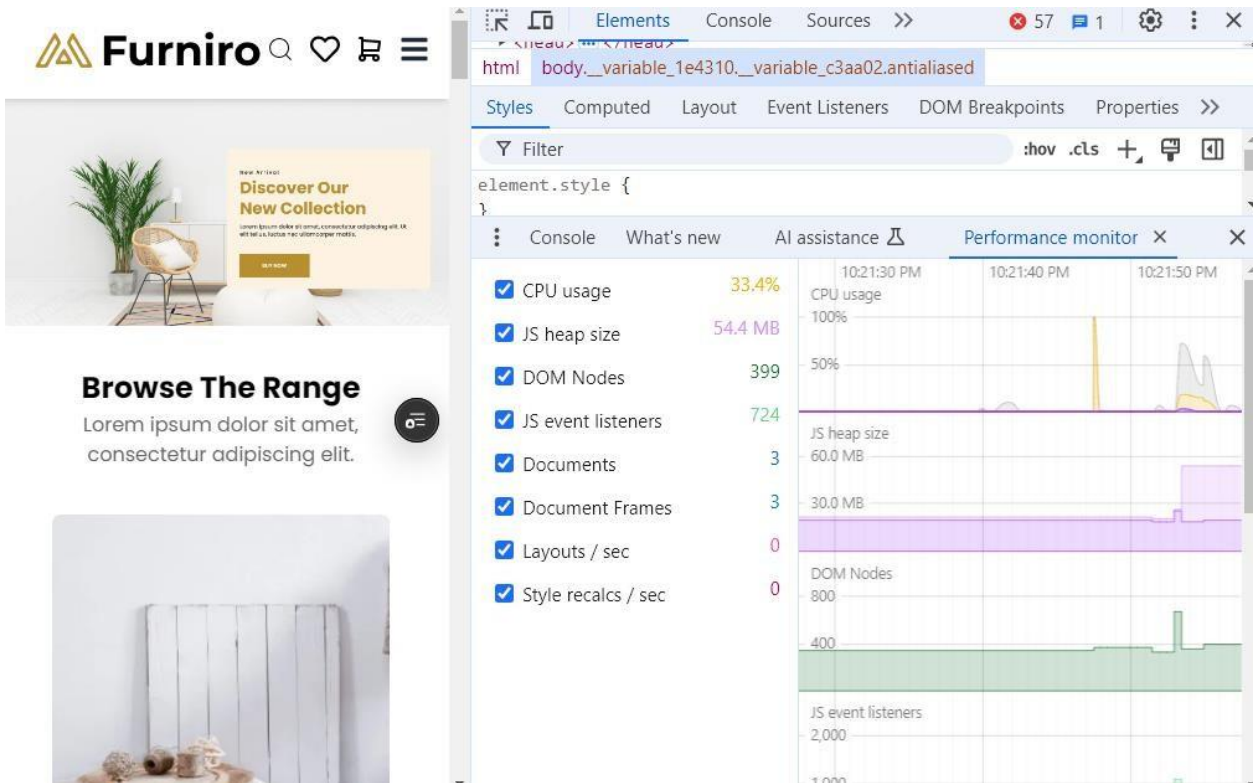These are opportunities to improve the legibility of your content.
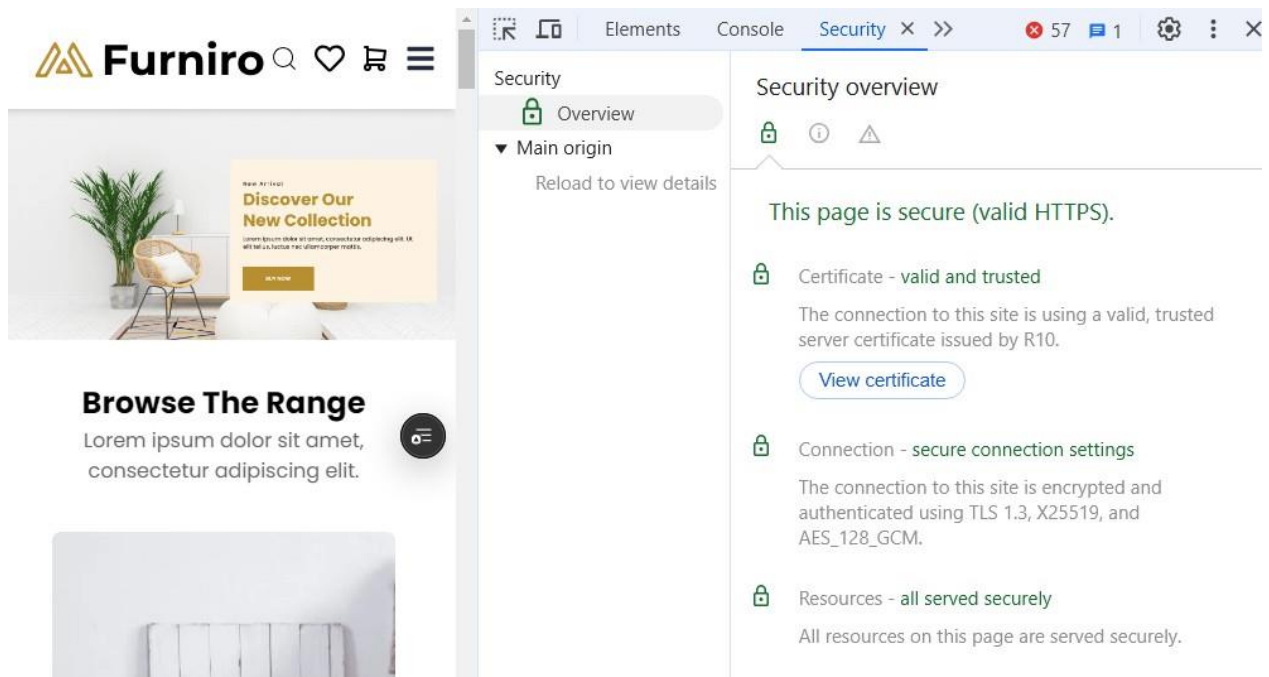
NAMES AND LABELS

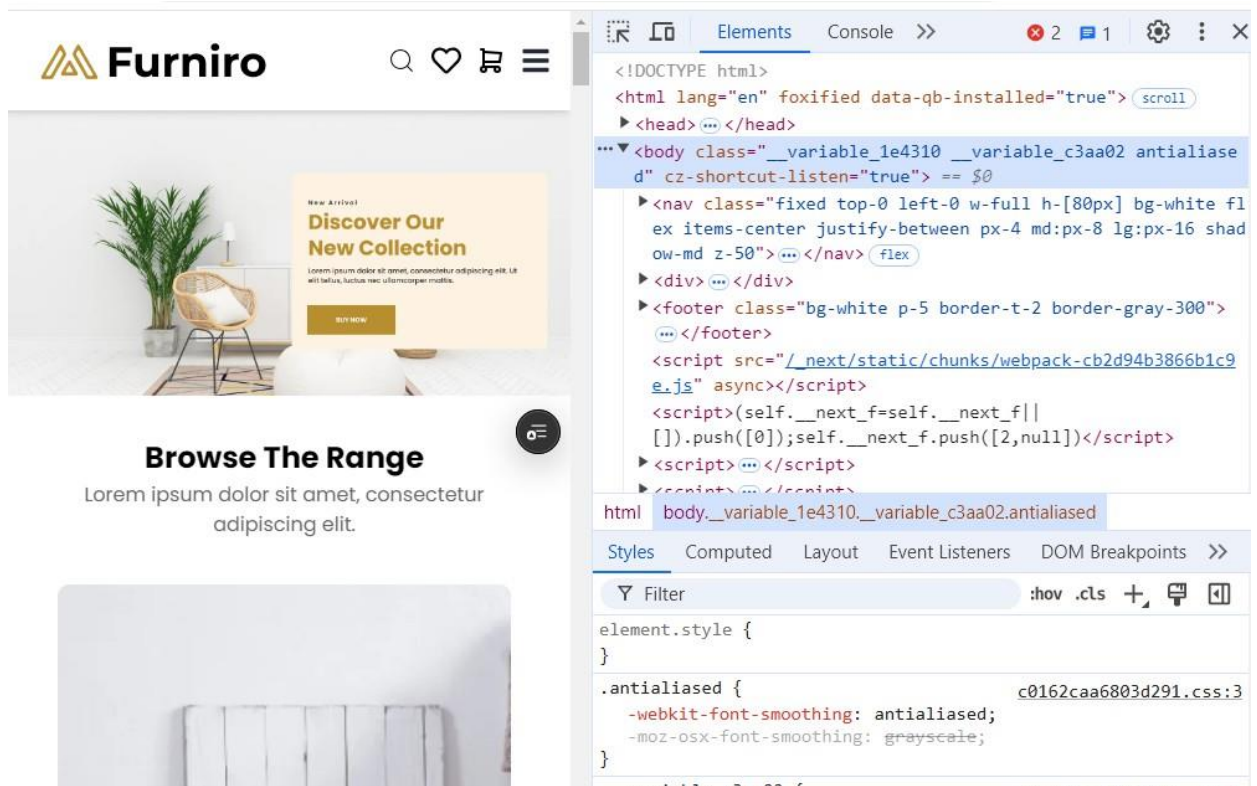▲ Links do not have a discernible name ⌄

Developer Resources:
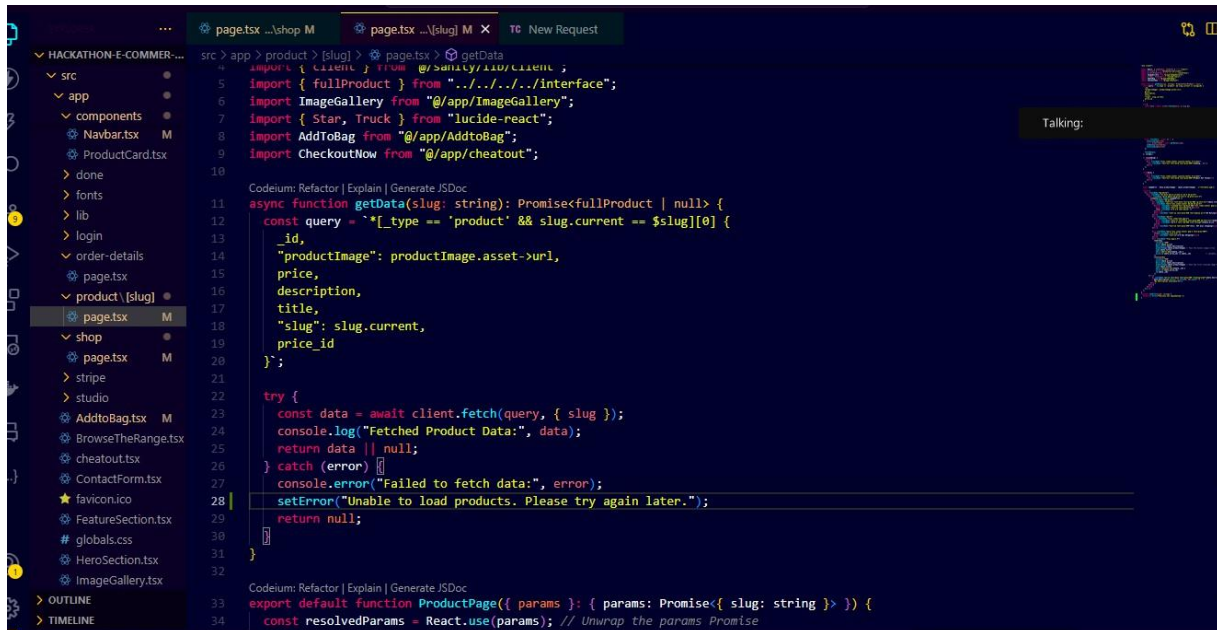

Performance Monitor:

Security:

Responsive Website:

CSV Content

Test Case ID,Description,Expected Result,Actual Result,Status,Severity,Remarks

TC001,Validate product listing page,Products displayed correctly,Products displayed correctly,Pass,High,No issues found

TC002,Test API error handling,Show fallback UI with error message,Error message shown,Pass,Medium,Handled gracefully

TC003,Check cart functionality,Cart updates with added product,Cart updates as expected,Pass,High,Works as expected

TC004,Ensure responsiveness on mobile,Layout adjusts properly to screen size,Responsive layout working as intended,Pass,Medium,Test successful