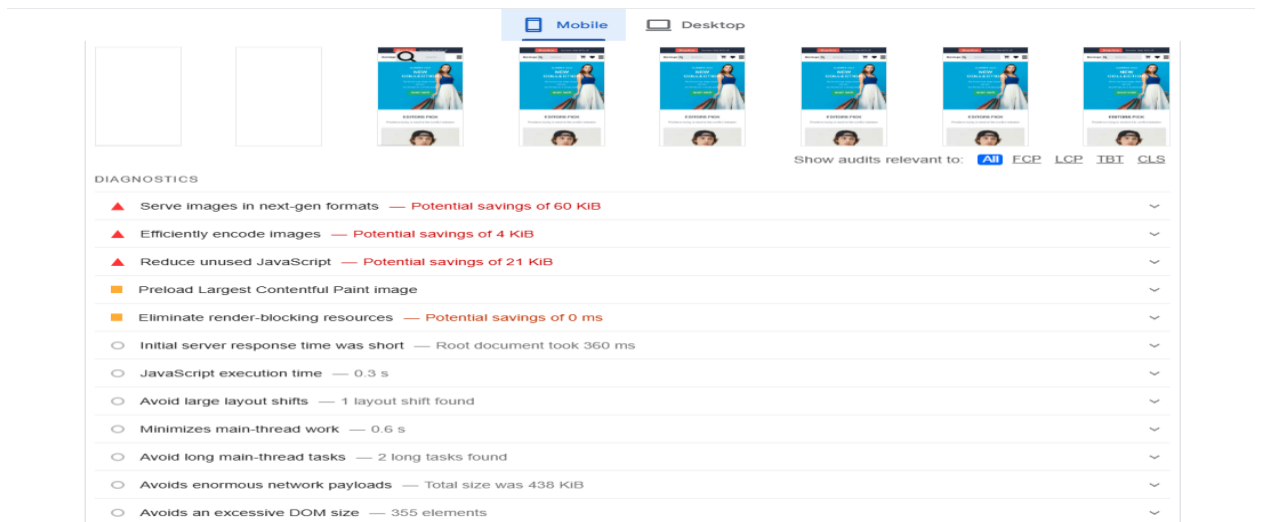
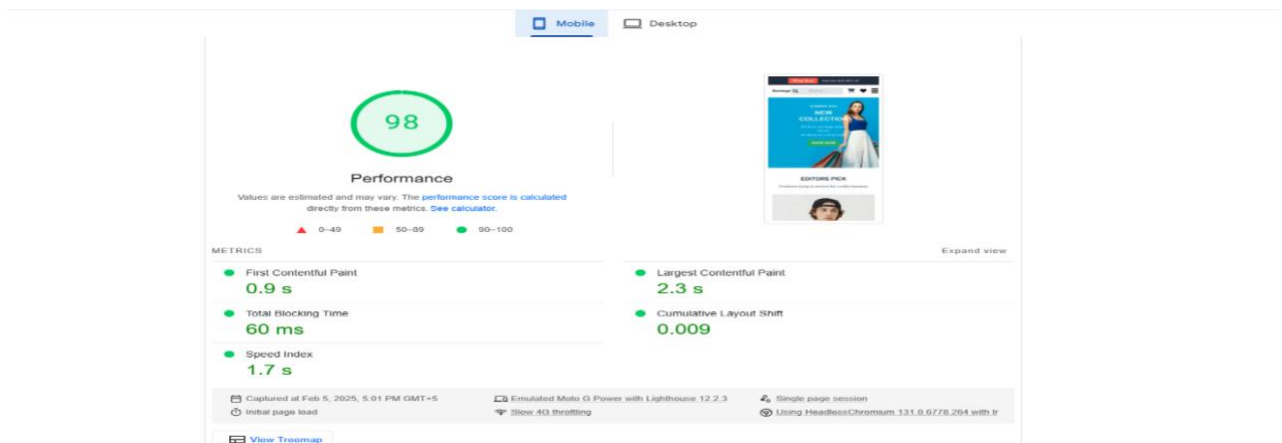
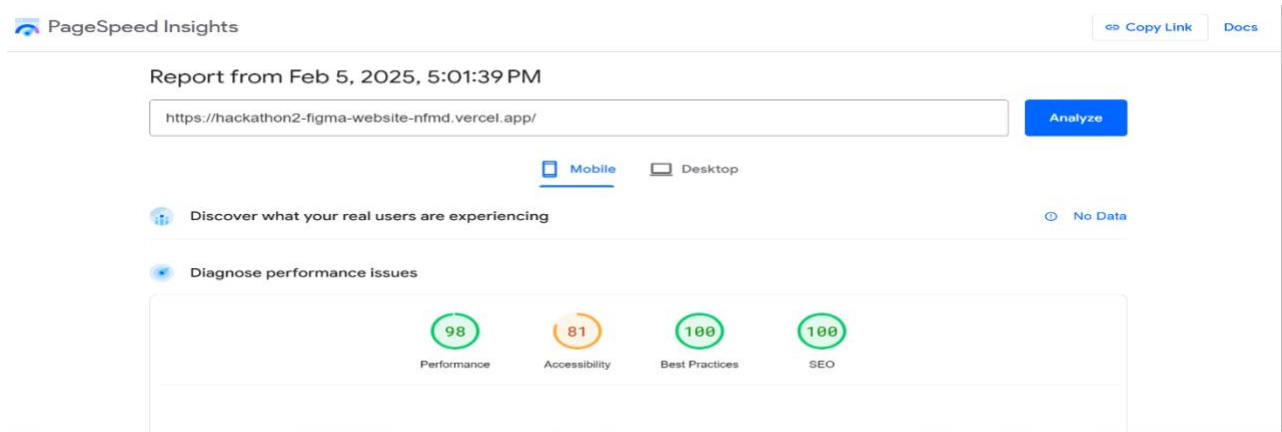


# Day 5 - Testing and Backend Refinement – Bandage Rental Product Web

## 1. Functional Deliverables



MobileDesktop

PASSED AUDITS (21)Show

81

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.

NAMES AND LABELS

▲ Buttons do not have an accessible name

▲ Links do not have a discernible name

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

CONTRAST

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

These are opportunities to improve the legibility of your content.

TABLES AND LISTS

▲ Lists do not contain only `<li>` elements and script supporting elements (`<script>` and `<template>`).

These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

NAVIGATION

▲ Heading elements are not in a sequentially-descending order

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

MobileDesktop

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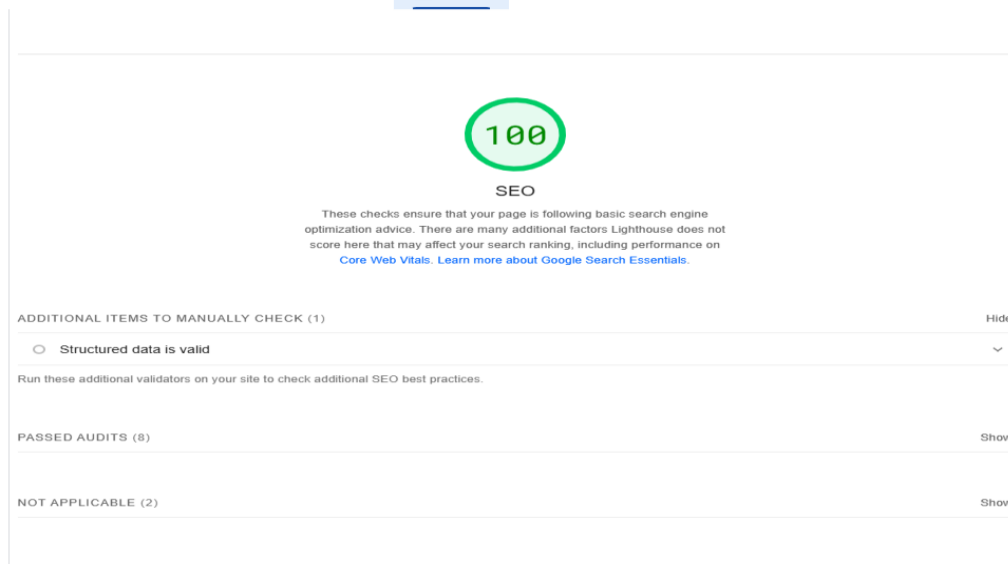
Best Practices

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks

PASSED AUDITS (15)Show

NOT APPLICABLE (2)Show



### **Objective:**

To document the challenges faced during testing, error handling, and backend integration, along with the solutions implemented to address these issues.

### **Key Learning Outcomes:**

1. Gained insights into the critical role of functional testing in identifying and resolving issues before deployment.
2. Developed effective error handling strategies to enhance user experience and system reliability.

### **Key Areas of Focus:**

#### **1. Functional Testing:**

- Faced challenges in ensuring all features worked as intended. Some functionalities, like user registration and login, had bugs that prevented successful execution. I created detailed test cases to identify these issues and ensure all features were functioning correctly.

#### **2. Error Handling:**

- Encountered various errors during testing, such as invalid input and server errors. I implemented user-friendly error messages to guide users in resolving these issues, which improved the overall user experience.

#### **3. Performance Testing:**

- Identified performance bottlenecks that caused slow load times. I used performance testing tools to analyze the website and optimized images and scripts to enhance loading speed.

#### **4. Cross-Browser and Device Testing:**

- Faced inconsistencies in how the website displayed across different browsers and devices. I conducted thorough testing and made necessary adjustments to ensure a consistent user experience.

### **5. Security Testing:**

- Discovered potential vulnerabilities, such as SQL injection risks. I implemented security measures, including input validation and sanitization, to mitigate these risks.

### **6. User Acceptance Testing (UAT):**

- Engaged real users for testing and received valuable feedback. Some features were not intuitive, leading to confusion. I made adjustments based on user input to improve usability.

### **7. Documentation Updates:**

- Realized that the documentation was outdated and did not reflect recent changes. I updated the technical documentation to ensure it accurately represented the current state of the website.