Hackathon 3 Day 5

Testing and Backend Refinement SadiChic E-Commerce Website

- ### Functional Testing

- **Product Browsing**:
  Verify the ability to browse categories, apply filters, and sort products.
    - Check if filters return accurate results.
    - Ensure pagination (if applicable) works as intended.
- **Cart and Checkout**:
    - Add, update, and remove products from the cart.
    - Test various payment scenarios (e.g., valid/invalid credit card, expired cards, etc.).
    - Verify tax and shipping calculations are accurate.
- **Search Functionality**:
  Test for exact matches, partial matches, case sensitivity, and no-result scenarios.
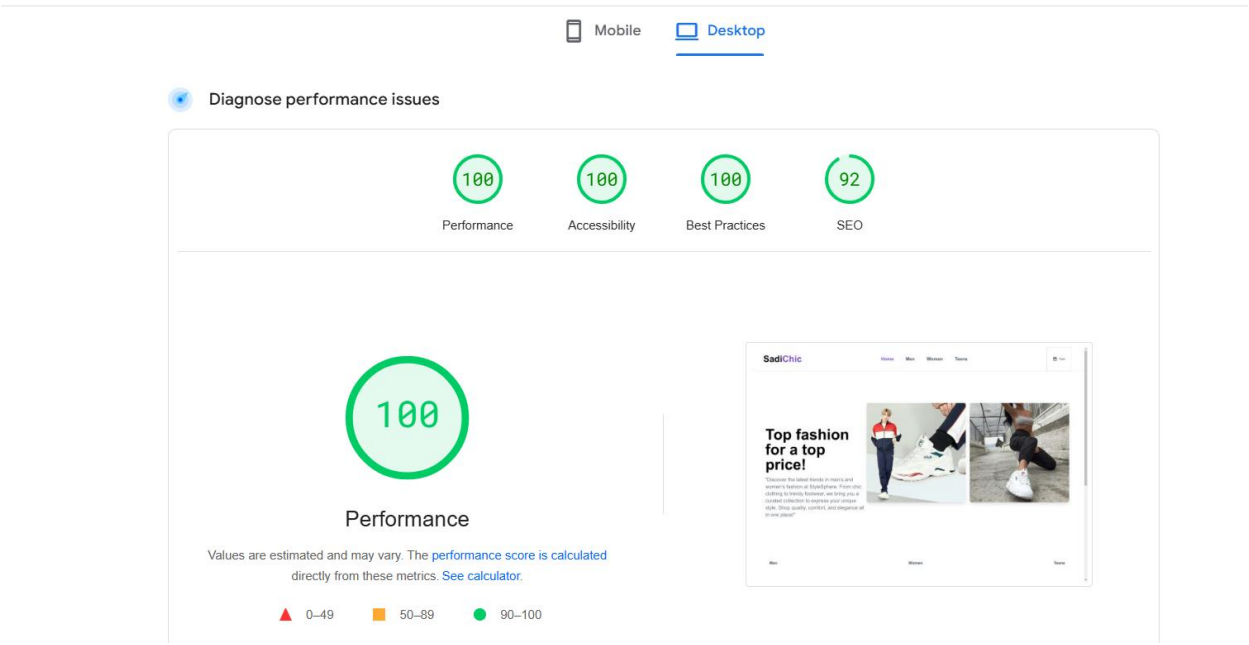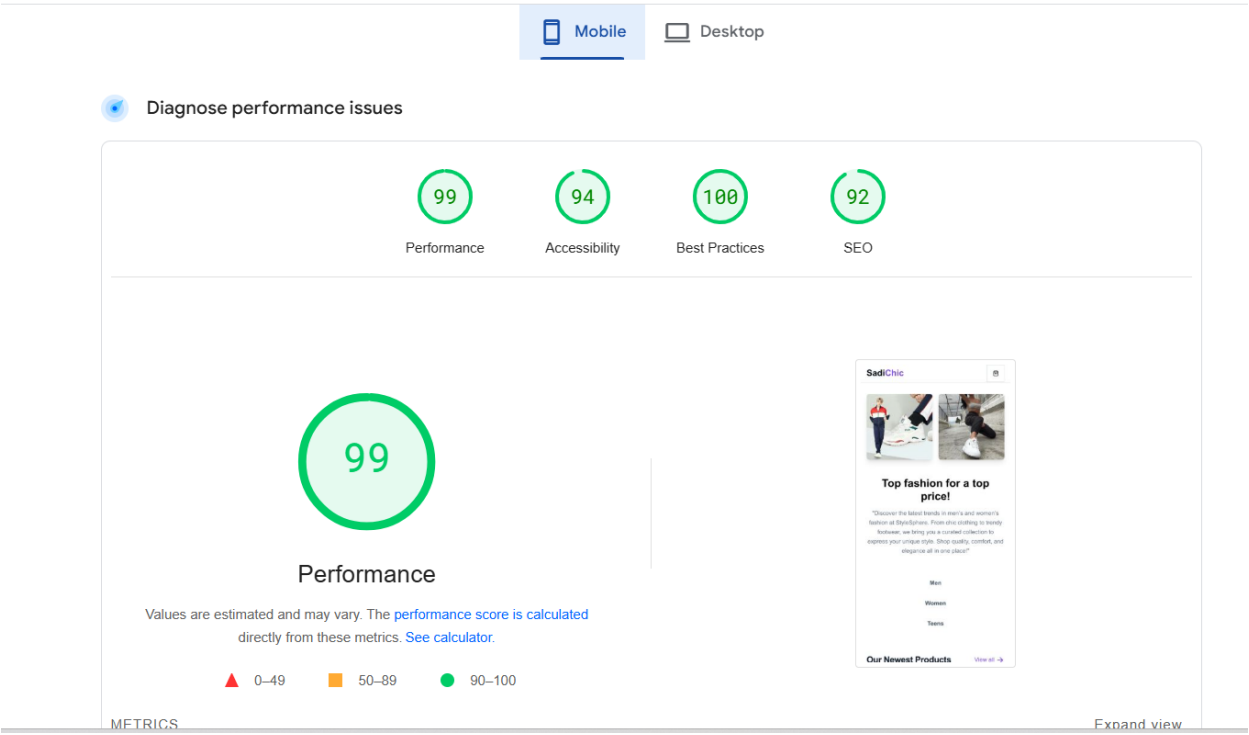
Error Handling

- **Form Validation**:
  Test all forms with incorrect, missing, or edge-case inputs.
    - Example: Leaving mandatory fields blank, entering invalid email formats.
- **API Response Validation**:
    - Simulate timeouts or failures from shipment or product APIs.
    - Ensure fallback messages and graceful error handling.

Performance Testing
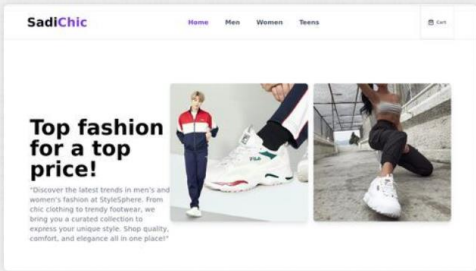
- Test load times on key pages (home, product details, checkout).
- Simulate traffic spikes (e.g., multiple users adding products to the cart simultaneously).
- Measure API response times and retry strategies.

Responsiveness Testing

- Test UI/UX across different devices and screen sizes (desktop, mobile, tablet).
- Verify that navigation menus, buttons, and images adapt properly.

Diagnose performance issues

99	94	100	92
Performance	Accessibility	Best Practices	SEO

99

Performance

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

🔺 0–49   🟧 50–89   🟢 90–100

SadiChic

Top fashion for a top price!

"Discover the latest trends in men's and women's fashion at StyleSphere. From chic clothing to trendy footwear, we bring you a curated collection to express your unique style. Shop quality, comfort, and elegance all in one place!"

Men

Women

Teens

Our Newest Products   View all →

METRICS   Expand view

Diagnose performance issues

100	100	100	92
Performance	Accessibility	Best Practices	SEO

100

Performance

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

🔺 0–49   🟧 50–89   🟢 90–100

SadiChic   Home   Men   Women   Teens

Top fashion for a top price!

"Discover the latest trends in men's and women's fashion at StyleSphere. From chic clothing to trendy footwear, we bring you a curated collection to express your unique style. Shop quality, comfort, and elegance all in one place!"

Men   Women   Teens

Latest Performance Report for:

https://bolg-web.vercel.app/

Report generated: Sat, Jan 25, 2025 3:29 AM -0800
Test Server Location: 🇨🇦 Vancouver, Canada
Using: 🌐 Chrome 117.0.0.0, Lighthouse 11.0.0

GTmetrix Grade ?

A	Performance ?	Structure ?
	100%	**99%**

Web Vitals ?

LCP ?	TBT ?	CLS ?
239ms	**2ms**	**0**

Summary	Performance	Structure	Waterfall	Video	History	Alerts

Speed Visualization ?