Sprints 3 and 4: Responsive Web Page Report

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February 13, 2026

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1 Introduction

This report documents the development of a fully responsive web page built using HTML, CSS and Javascript. The objective of this project was to understand layout structuring, responsive design principles, and UI component implementation step by step.

Technologies used:

- HTML5
- CSS3 (Flexbox Grid)
- Javascript for the interactions
- Responsive Design (Media Queries)
- Deployment via Vercel

2 Top Bar

2.1 Description

The top bar contains contact information and quick-access links. It is positioned at the top of the page and designed using Flexbox for horizontal alignment.

2.2 Screenshot

Figure 1: Top Bar Section

3 Navigation Bar

3.1 Description

The navigation bar provides access to different sections of the website and a light/dark mode button switcher. It is fully responsive and transforms into a mobile-friendly layout.

3.2 Screenshot

Figure 2: Navigation Bar

4 Hero Section

4.1 Description

The hero section introduces the website with a strong visual impact. It includes:

- Background image
- Heading and description

4.2 Screenshot

Figure 3: Hero Section

5 Contact Section

5.1 Description

The contact section contains a form for user interaction. It includes:

- Input fields

- Email field
- Message textarea
- Submit button

5.2 Screenshot

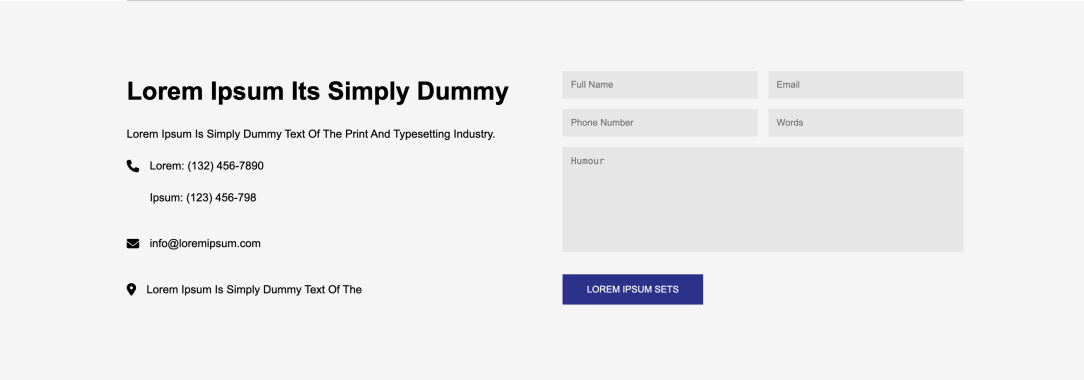

Figure 4: Contact Section

6 Accordion Component

6.1 Description

The accordion component allows users to expand and collapse content dynamically. It improves content organization and user experience.

6.2 Screenshot

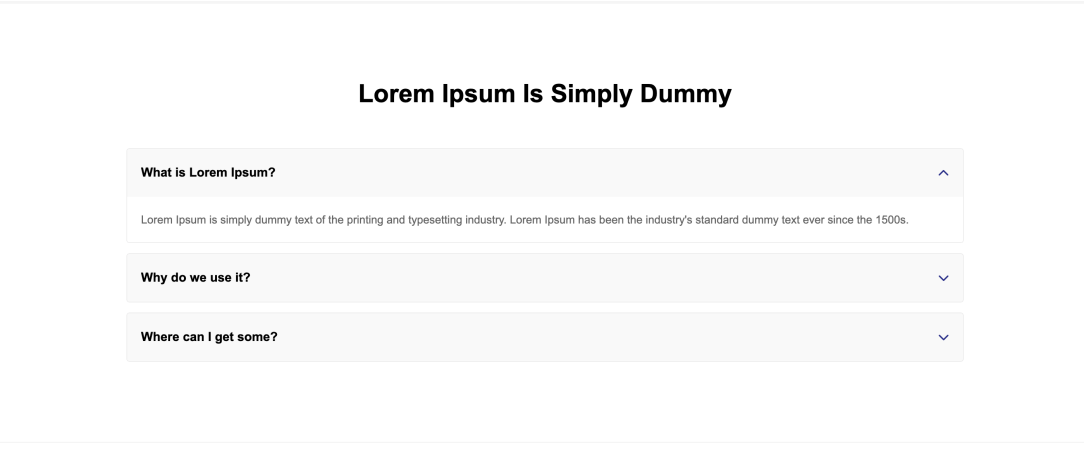

Figure 5: Accordion Component

7 Swipe Card Section

7.1 Description

The swipe card section presents information in interactive cards. It enhances visual engagement and supports responsive behavior.

7.2 Screenshot

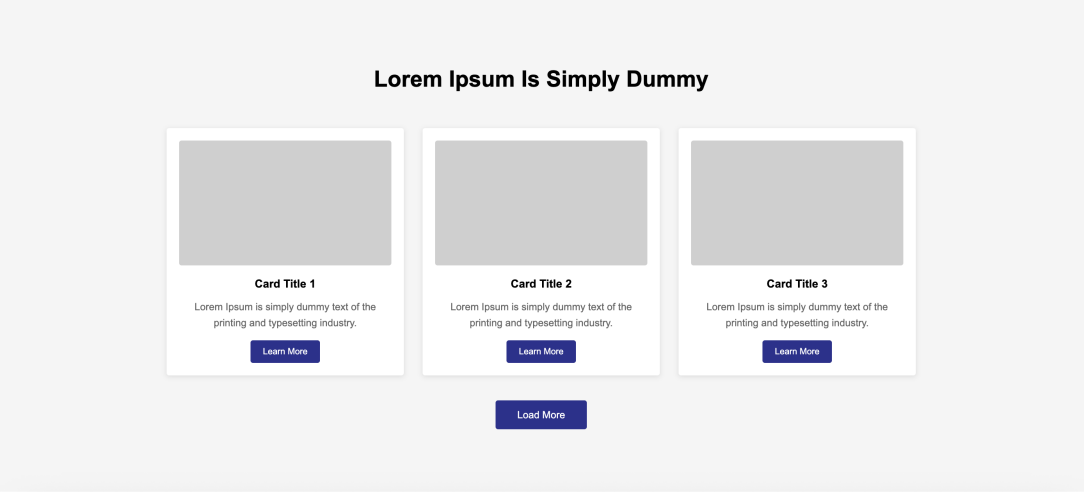

Figure 6: Swipe Card Section(1)

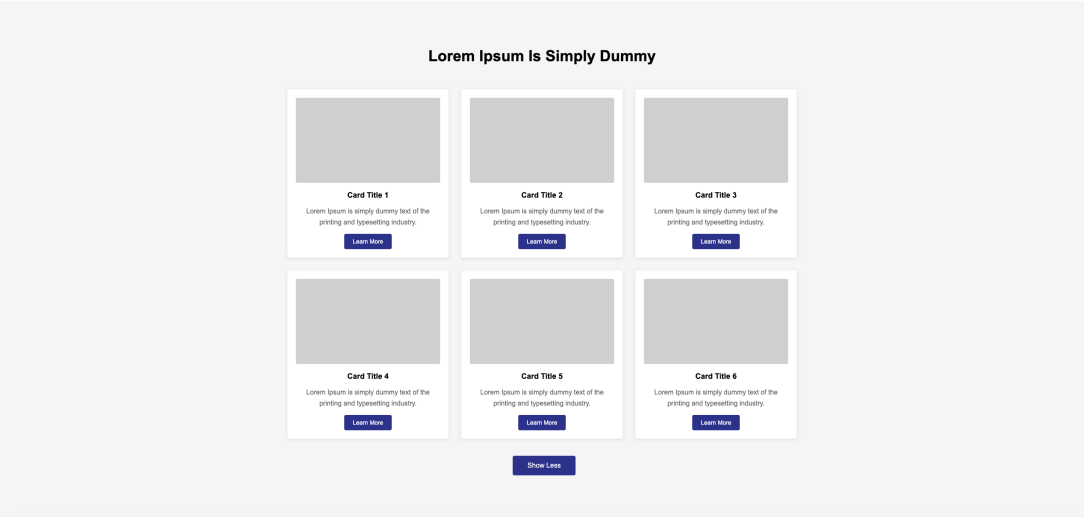

Figure 7: Swipe Card Section(2)

8 Quotes Auto Scroll with Rows and Switch Buttons

8.1 Description

This section displays testimonials or quotes in an auto-scrolling format and also a manual scrolling with arrows. Features include:

- Automatic horizontal scrolling

- Multiple rows
- Switch buttons for manual control

8.2 Screenshot

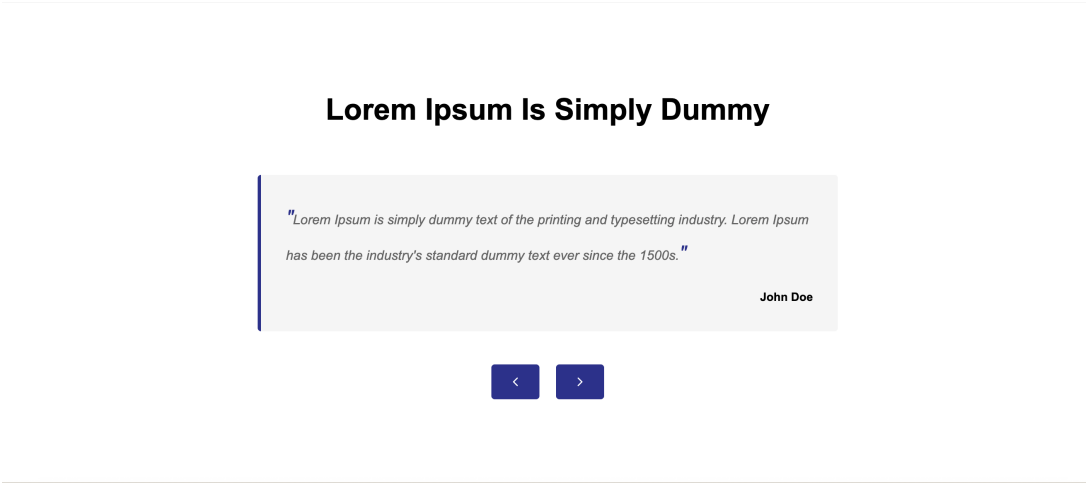

Figure 8: Quotes Auto Scroll Section

9 Footer

9.1 Description

The footer contains:

- Contact information
- Useful links
- Social media icons

It is responsive and structured using Flexbox.

9.2 Screenshot

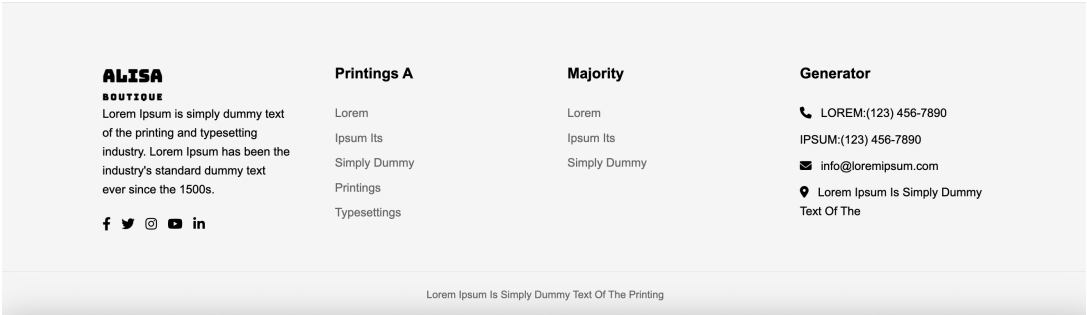

Figure 9: Footer Section

10 Results

This screenshot shows the lighthouse analysis results:

10.1 Screenshot

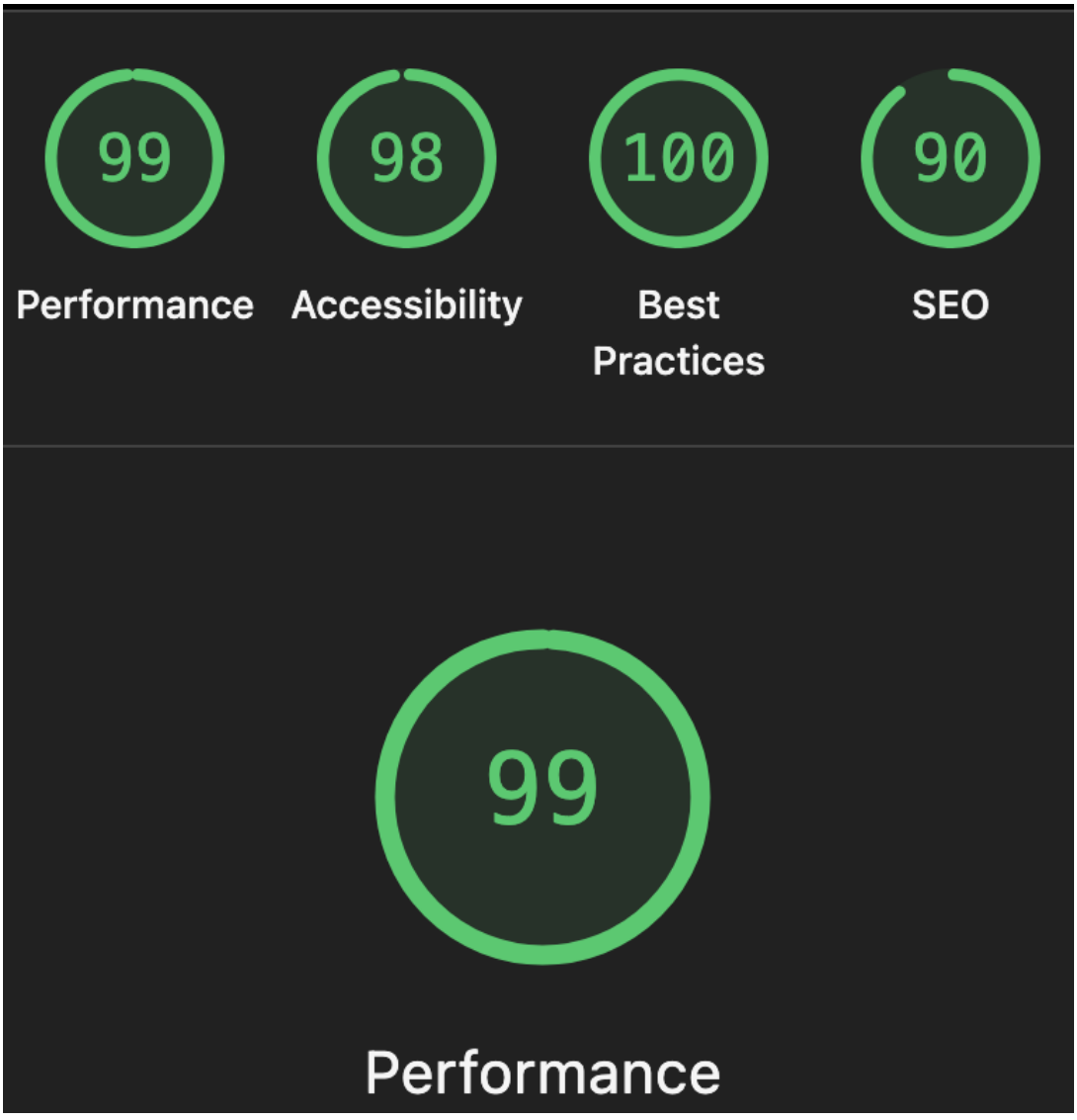

Figure 10: Caption

11 Conclusion

This project demonstrates the implementation of a complete responsive landing page using modern HTML CSS and JS practices. It showcases layout structuring, component-based thinking, and deployment workflow using Git and Vercel.

Future improvements may include:

- Adding more JavaScript animations and features
- Have hands on Tailwind CSS

- Improving accessibility
- SEO optimization
- Performance enhancements