

Deployment Preparation and Staging Environment

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Deployment Preparation

1. Environment Configuration

- Environment Variables: Managed using Vercel's built-in environment variables option.
- Locally: Stored in .env.local file.

2. Build Optimization

- Build was optimized for performance.
- Accessibility optimized for screen readers.

3. Hosting and Deployment Service

- Hosting Service: Vercel.
- Continuous Deployment: Configured through Vercel.

4. Database Connection

- Database System: Sanity CMS.
 - Data Management: Filled with dummy data.
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Staging Environment Setup

1. Configuration Details

How the staging environment mirrors production.

2. Data Management

- Usage of Real or Mock Data: Dummy data used.
 - Data Synchronization Methods:
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Performance Optimization

1. Caching Strategies

- Implemented Caching Mechanisms:
- Details of Caching Strategies:

2. Code Splitting and Lazy Loading

- Usage of Code Splitting/Lazy Loading: Implemented dynamic routing, lazy loading, and splitting code into reusable components.
- Specific Implementation Details:

3. Performance Metrics

- Lighthouse Performance Metrics: [View Report](#)
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Testing Reports

1. Types of Tests Conducted

- Tests conducted on components and pages.
- Tests conducted on API endpoints.

2. Testing Tools and Frameworks

Tools and frameworks utilized.