Day 6 - Deployment Preparation and Staging Environment Setup

Deployment Details:

Hosting Platform: **Vercel**

Repository Link: **https://github.com/codeofkamlesh**

Environment Setup Process

1.Hosting Platform Setup:

o Selected hosting platform: **Vercel.**

o Connected GitHub repository to **Vercel.**

o Configured **build settings** and **added environment variables** for secure deployment.

2. Environment Variables:

o Created a **.env file** with the following variables:

- NEXT_PUBLIC_SANITY_PROJECT_ID: **Sanity project identifier.**

- NEXT_PUBLIC_SANITY_DATASET: **Dataset name for production.**
- API_KEY: API key **for third-party services.**
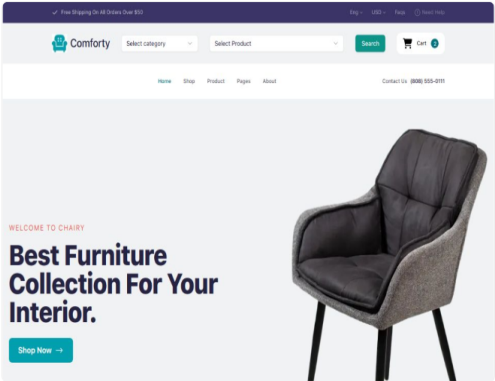- Uploaded environment variables securely to **Vercel.**

Shared Environment Variables

3. Staging Deployment:

o Deployed the application to the staging environment.

o Verified the build process completed successfully.

o Validated that the site loaded correctly.

```
C:\Windows\System32\cmd.e   ×    +   ∨

   Creating an optimized production build ...
 ✓ Compiled successfully
 ✓ Linting and checking validity of types
 ✓ Collecting page data
 ✓ Generating static pages (12/12)
 ✓ Collecting build traces
 ✓ Finalizing page optimization

Route (app)                               Size          First Load JS
┌ o /                                     2.33 kB             142 kB
├ o /_not-found                           880 B              88.6 kB
├ o /About                                1.74 kB             126 kB
├ o /Cart                                 180 B                93 kB
├ o /ContactUs                            28.7 kB             125 kB
├ o /FAQ                                   1.93 kB             604 kB
├ o /Product                              3.45 kB             135 kB
├ o /shop                                 11.7 kB             626 kB
├ o /Singlepageproduct                    3.1 kB              128 kB
└ o /studio/[[...tool]]                    1.33 MB            1.46 MB
+ First Load JS shared by all             87.7 kB
  ├ chunks/2117-70917620a1d8bbf3.js       31.8 kB
  ├ chunks/fd9d1056-52cfd83d721f4d43.js   53.6 kB
  └ other shared chunks (total)           2.33 kB


o   (Static)   prerendered as static content
```

Performance Testing Report

Desktop Results

100	86	96	100
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

METRICS   Expand view

● First Contentful Paint

0.6 s

● Largest Contentful Paint

0.7 s

● Total Blocking Time

60 ms

● Cumulative Layout Shift

0

● Speed Index

Mobile Phone Results

80	86	96	100
Performance	Accessibility	Best Practices	SEO

80

Performance

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

▲ 0–49   ■ 50–89   ● 90–100
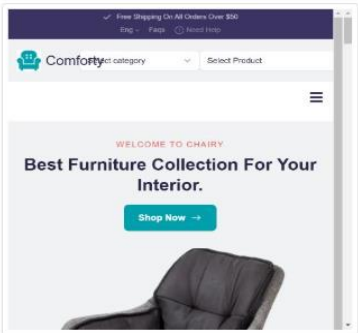
METRICS   Expand view

■ First Contentful Paint

2.2 s

● Largest Contentful Paint

2.2 s

▲ Total Blocking Time

650 ms

● Cumulative Layout Shift

0

● Speed Index