Day 6 – Deployment Preparation and Staging Environment Setup

Deployment Details

- **Hosting Platform:** Vercel
- **Repository Link:** https://github.com/Muhammad-Sharjeel-Asif/hackathon-03
- **Staging URL:** https://marketplacerestaurantwebsite.vercel.app/

Environment Setup Process

1. Hosting Platform Setup:

- Selected hosting platform: **Vercel**.
- Connected GitHub repository to Vercel.
- Configured build settings and added environment variables for secure deployment.

2. Environment Variables:

- Created a .env file with the following variables:
  - **NEXT_PUBLIC_SANITY_PROJECT_ID**: Sanity project identifier.
  - **NEXT_PUBLIC_SANITY_DATASET**: Dataset name for production.

- Uploaded environment variables securely to Vercel.

1. Staging Deployment:

- Deployed the application to the staging environment.
- Verified the build process completed successfully.
- Validate that the site loaded correctly.

```
C:\ C:\Windows\system32\cmd.exe
F:\Programming\G.I\Next JS\hackathon-3\Marketplace_Restaurant_Website>npm run build

> marketplace_restaurant_website@0.1.0 build
> next build

 ▲ Next.js 14.2.17
 - Environments: .env.local

   Creating an optimized production build ...
 ▣ Compiled successfully
 ▣ Linting and checking validity of types
 ▣ Collecting page data
 ▣ Generating static pages (18/18)
 ▣ Collecting build traces
 ▣ Finalizing page optimization

Route (app)                                  Size       First Load JS
┌ o /                                        13.2 kB            153 kB
├ o /_not-found                              880 B             88.8 kB
├ o /AboutUs                                 3.23 kB            114 kB
├ o /Blog                                    1.32 kB            119 kB
├ o /BlogDetails                             1.15 kB            118 kB
├ o /Checkout                                3.17 kB            114 kB
├ o /Chef                                    1.38 kB            145 kB
├ o /Error                                   2.67 kB            114 kB
├ o /FaqPage                                 3.86 kB            115 kB
├ o /Menu                                    5.27 kB            116 kB
├ ƒ /product/[slug]                          4.92 kB            148 kB
├ ƒ /Searchpage                              2.81 kB            146 kB
├ o /ShopList                                4.89 kB            148 kB
├ o /ShoppingCart                            4.77 kB            116 kB
├ o /SignIn                                  241 B              115 kB
├ o /SignUp                                  543 B              115 kB
└ o /studio/[[...tool]]                      1.34 MB           1.46 MB
+ First Load JS shared by all                87.9 kB
  ├ chunks/2117-852c0f713de6f67c.js          31.8 kB
  ├ chunks/fd9d1056-3e984e8fe4b03ea3.js      53.6 kB
  └ other shared chunks (total)              2.49 kB


o  (Static)    prerendered as static content
ƒ  (Dynamic)   server-rendered on demand
```
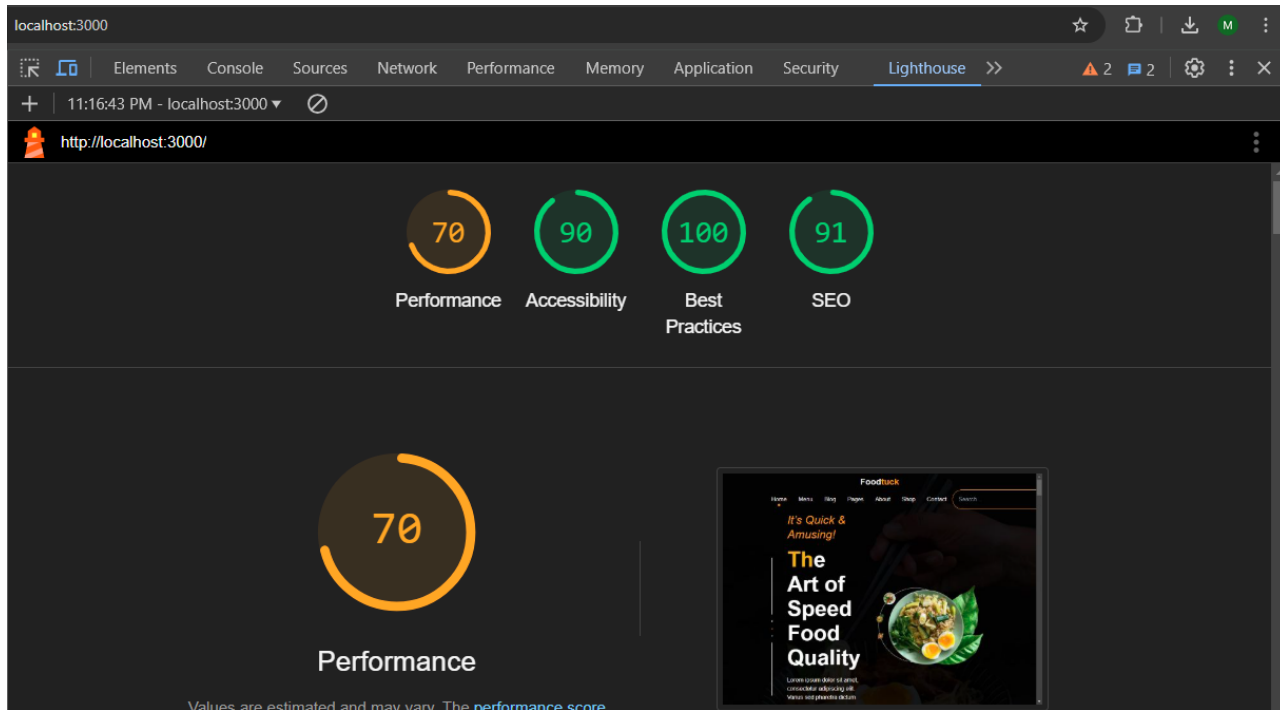
Performance testing report:

1. Desktop Performance:

2. Mobile Performance: