

DAY-6

Deployment Preparation and Staging Environment Setup

Deployment Details:

Choose a Hosting Platform:

We will use Vercel for Deploying the application due to its seamless integration with Next.js and easy of use.

Deployment Link: <https://hackathone-tem6.vercel.app/>

Repository link: <https://github.com/Khizra098/hackathone-tem6.git>

Overview:

This report details the process and considerations for deploying a web application effectively and ensuring optimal performance. It includes selecting a deployment platform, connecting your GitHub repository, setting up your environment variable and performance testing.

Selecting a hosting environment:

For this project, we are going to use **Vercel** for the deployment of our application due to its simplicity, speed, and seamless integration with modern web development frameworks like Next.js. Vercel offers a hassle-free setup process, enabling us to connect our GitHub repository and automate the deployment pipeline efficiently. Its global Content Delivery Network (CDN) ensures fast load times and optimal performance for users across the globe. Additionally, Vercel's support for server-less functions, custom domains, and real-time preview links makes it a robust and developer-friendly choice for deploying modern web applications. With these advantages, Vercel provides the perfect platform to ensure our project is scalable, secure, and accessible to users everywhere.

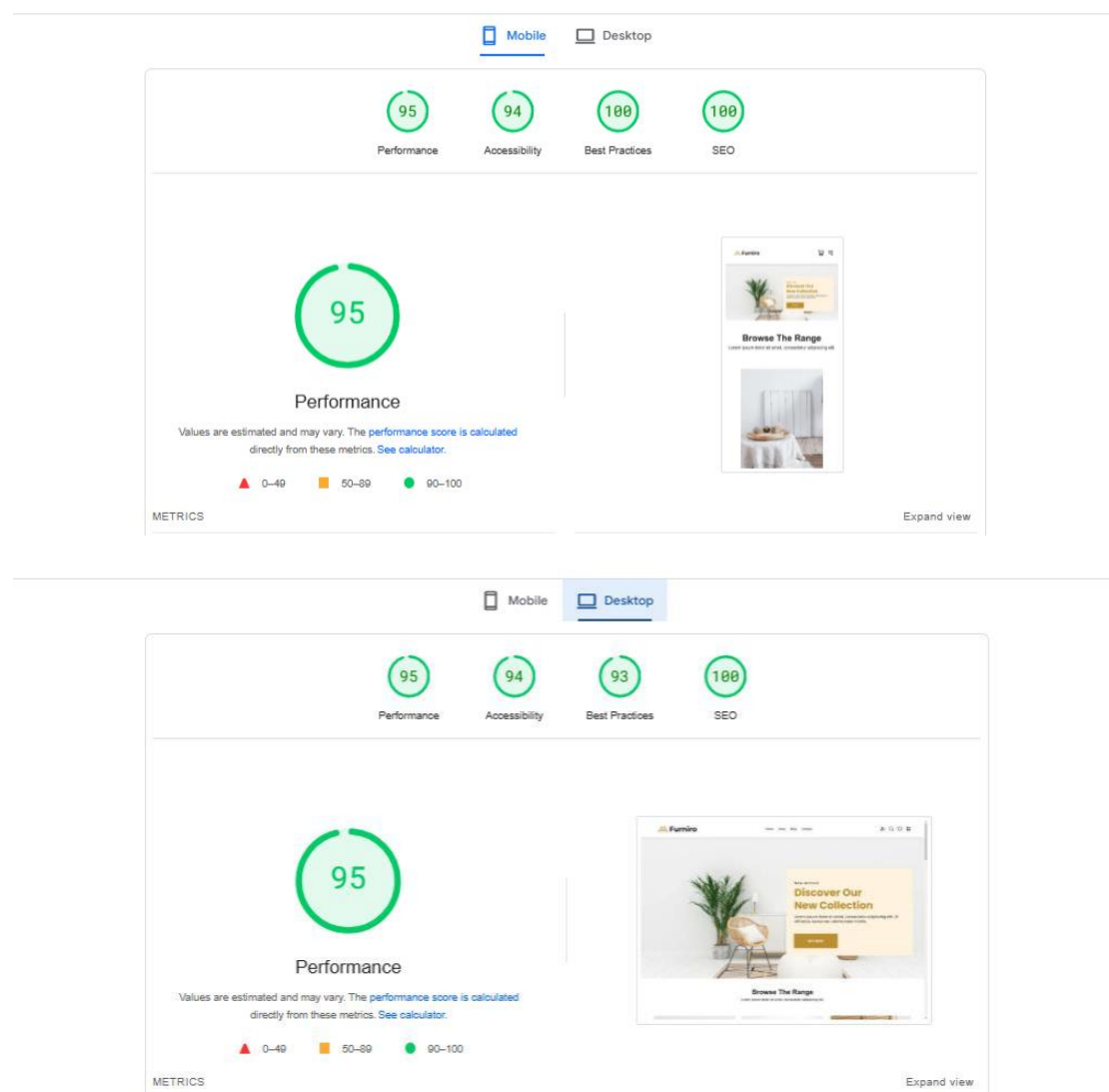
Checking Website functionality after deployment:

Check your website functionality like cart functionalities or

check if Your API is fetching data correctly notifications functionality and other functionality.

Performance testing:

After checking website functionality we are going to check our website performance. To check a website performance there are multiple website to check performance. But for our comforty I used lighthouse and these are the result I got of my website:



Conclusion:

Over the past six days, the **Furniro Marketplace** project has transformed from an idea into a fully functional application, ready for live deployment. This journey involved crafting a seamless user experience, integrating advanced features, and ensuring the platform is robust and production-ready. With a clear focus on scalability and efficiency, every step contributed to creating a reliable and dynamic marketplace solution.

