

Day 5 – Deployment Preparations And Staging Environment Setup – [AuraBox]

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Slot: Tuesday (2 to 5)

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Step 1: Hosting Platform Setup

I chose **Vercel** for hosting my website and set up the hosting by connecting it to my GitHub repository.

Step 2: Configure Environment Variables

I saved my environment variables on the **Vercel** dashboard to configure my hosting platform.

Step 3: Deploy to Staging

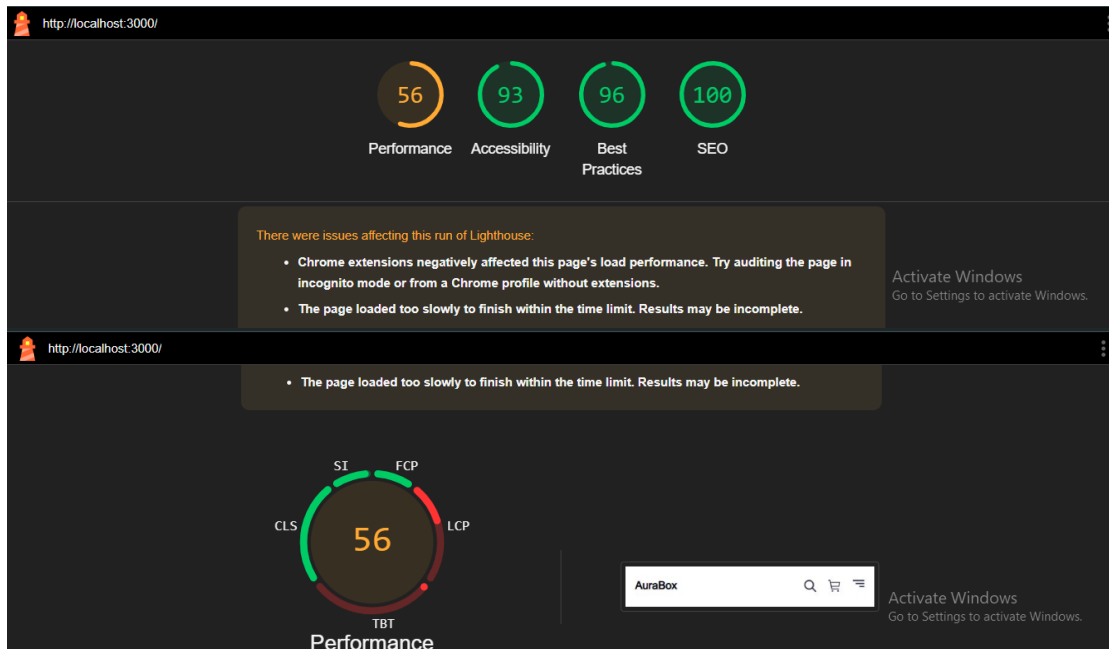
I deployed my general e-commerce website, **AuraBox**, on Vercel, ensuring there were no errors during the process.

Step 4: Staging Environment Testing

1. Testing Types:

I tested my website in three areas:

- **Functional Testing:** I checked all pages like the product listing page, product details page, cart, checkout, and others to ensure everything works properly.
- **Performance Testing:** I used Lighthouse to analyze the website's performance and here is the result:



- **Security Testing:** I validated input fields to ensure they are secure and error-free.

1. Test Case Reporting:

Column1	Column2	Column3	Column4	Column5	Column6	Column7
Test ID	Test Description	Test Steps	Result	Status	Severity level	Remarks
TC001	Product List Page	Opens Product List Page > Verify Products	Product displayed	Passed	High	Works as expected
TC002	API Checking	Through Thunder Client	Status OK	Passed	High	No error found
TC003	Cart functionality	Adds products to cart > check them properly	Work as expected	Passed	Medium	Test Successful
TC004	Responsiveness	Checks on multiple devices	Great !	Passed	Low	Test Successful
TC005	Filter Method	Use filter methods multiple times	As expected	Passed	Medium	Handled gacefully
TC006	Pagination	Use pagination on across devices	Worked	Passed	High	No error found
TC007	Search Bar	Use it	Not worked	Fail	Low	Error