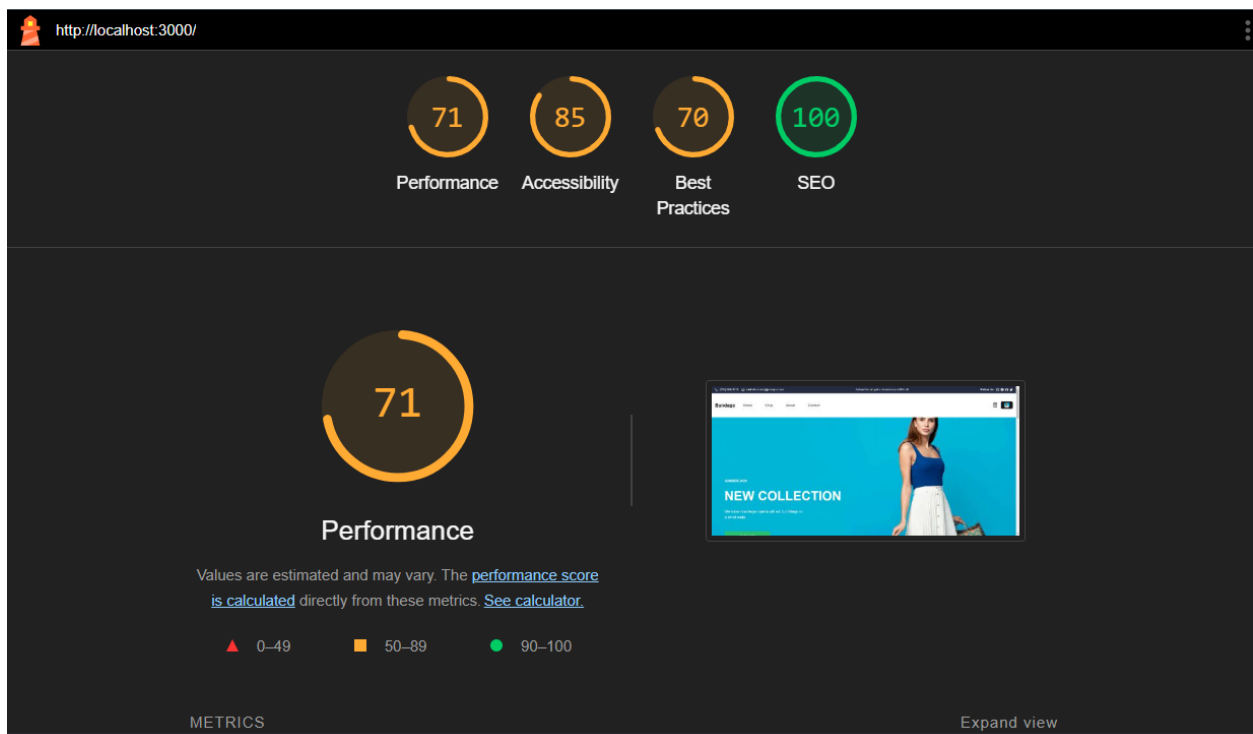# Marketplace Builder Day5

Functional Deliverables:

To test the functionality of my website I tested every component to make sure every component was ready to consume by users. I checked the website's responsive design and then tested it on multiple devices. To test the performance of my website I used Lighthouse where I found that the SEO of my website is good but there is room for betterment in other aspects. I tested multiple browsers (Chrome, Microsoft Edge, and Opera GX) to see how my site performs on them. The results of these tests were good but if we see the performance of the site there is room for betterment.

Error Handling:

To handle Errors efficiently I first categorized errors into groups "API errors and Technical errors" and then handled them separately.

API Errors:

The API errors a user could face in my site was that the products not being fetched on time and the user being ended up on a product page that does not exist. For the products not being fetched on time I have added a Loading message which will appear till the products are being fetched. For the second error "users ending up on a product that does not exist" I have added the below UI which tells the message "This product is not found".

Technical Errors:

To handle technical errors efficiently I have created an Error page which states something went wrong. Also If a user ends up on a non-existing page I have added the UI for 404 page.

Testing Report:

Test Case ID	Test Case Description	Test Steps	Expected Results	Actual Results	Status	Severity Level	Remarks
1	Product Listing API	Used Postman to test product API	Give Products	Gave Products	Passed	Low	No issue found
2	Fetching data from Sanity	Used fetch method get data	Display product listing	Displayed product list	Passed	Low	No issue found
3	Slug/Details page	Used fetch method get data	Display product details	Displayed product details	Passed	Low	No issue found
4	Add to cart	Tested the cart component by using it	Add products to cart and give a sub-total	Added products to cart and showed their sub-total	Passed	Low	No issue found
5	Signup/User profile/Signin	Tested clerk by using it	User must be able to signup, signin, manage profile, and	Users are able to make profile, manage profiles, login and logout	Passed	Low	