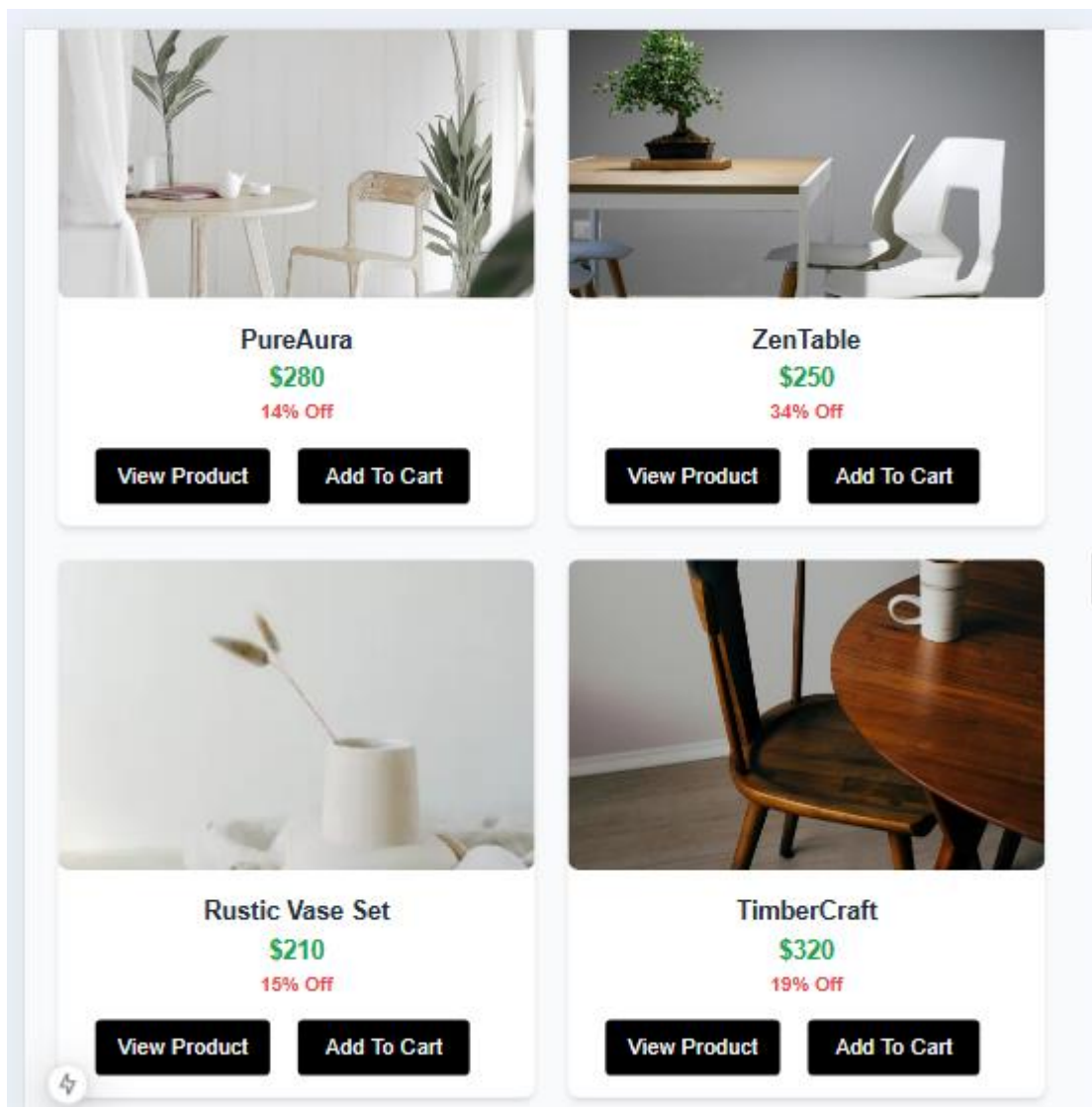
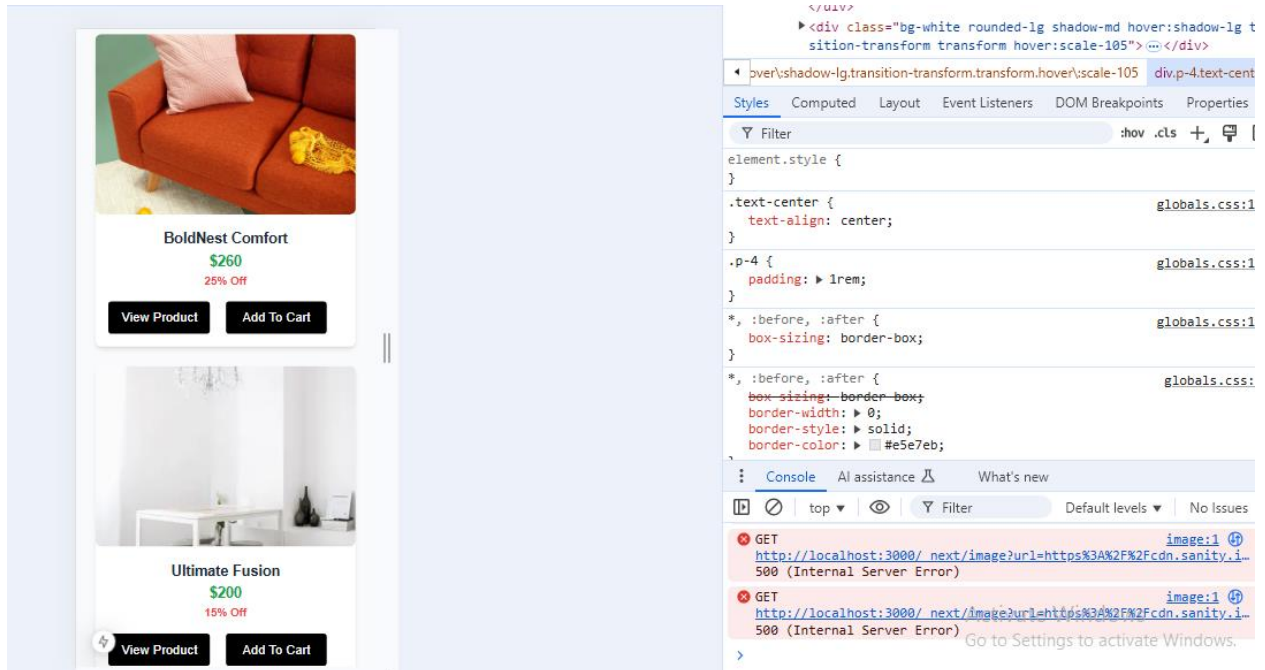


## DAY 5 - TESTING, ERROR HANDLING, AND BACKEND INTEGRATION REFINEMENT

### Step-1: Functional Testing:

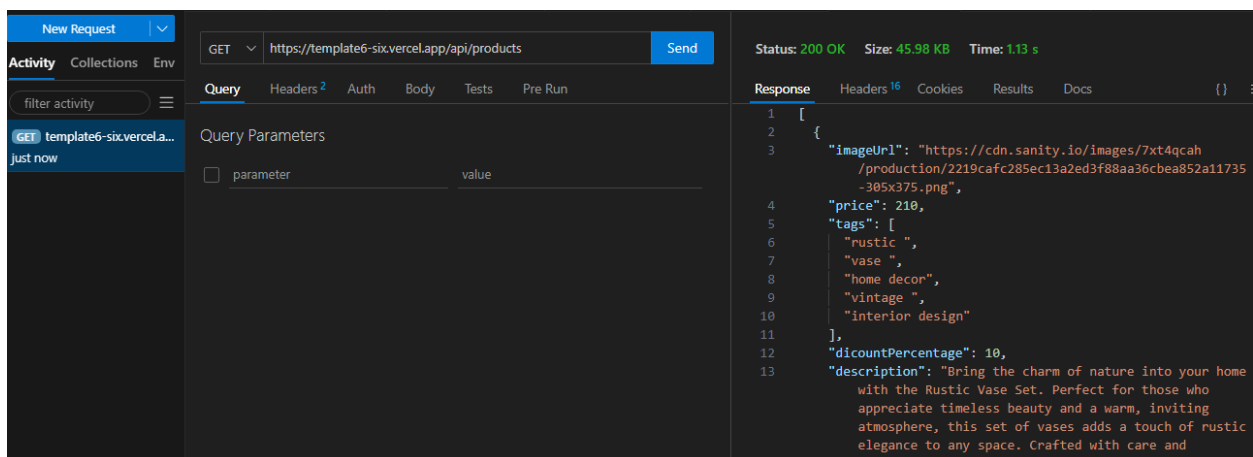
- a) Functional Test given found Sat.
- b) Things are working properly.
- c) Website is fully responsive.





**Step-2 API Working Status:** It is working Properly and all the data have been fetched form API.


**Step-3 API testing on Thunder Client.**



## Testing Report

	Test Case Description	Test Steps	Expected Result	Actual result	Status	Severity level	Assigned To	Remarks
TC001	Validate Product Listing Page	Open product page > verify Products	Products displayed correctly	Products displayed correctly	Passed	Low	.	No issue found
TC002	Test API error handling	Disconnect API > Refresh page	Show Fallback UI with error message	Error message shown	Passed	Medium	.	Handled gracefully
TC003	Check cart functionality	Add product to cart > verify cart contents	Cart update with added product	Cart update as expected	Passed	High	.	Work as expected
TC004	Ensure responsiveness on Mobile	Resize Browser window > check layout	Layout adjust properly to screen size	Responsive layout working as intended	passed	High	.	Tested found Successful

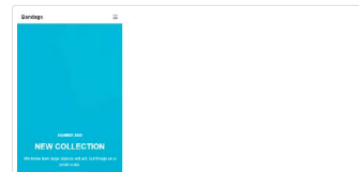
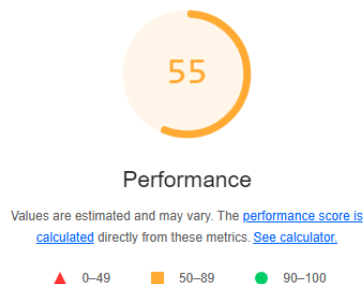
## Step-4 Performance Optimization: Light House Report:-

 http://localhost:3000/



There were issues affecting this run of Lighthouse:

- The tested device appears to have a slower CPU than Lighthouse expects. This can negatively affect your performance score. Learn more about [calibrating an appropriate CPU slowdown multiplier](#).



Activate Windows  
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▲ 0-49    ■ 50-89    ● 90-100

METRICS

Expand view

● First Contentful Paint

1.4 s

■ Largest Contentful Paint

4.0 s

▲ Total Blocking Time

6,610 ms

● Cumulative Layout Shift

0

■ Speed Index

4.2 s

 [View Treemap](#)



Show audits relevant to: **All** [FCP](#) [LCP](#) [TBT](#)

DIAGNOSTICS

▲ Minimize main-thread work — 9.9 s




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## Developer Resources:

Dimensions: Responsive ▾ 668 x 791 70% ▾


Problems trying to resolve the conflict between



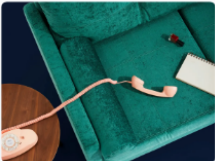
**Amber Haven**  
\$150  
45% Off  
[View Product](#) [Add To Cart](#)



**Timeless beauty**  
\$150  
19% Off  
[View Product](#) [Add To Cart](#)



**Bed—your sanctuary**  
\$250  
[View Product](#) [Add To Cart](#)



**RetroVibe**  
\$340  
[View Product](#) [Add To Cart](#)

18 resources

Elements Console Sources Network Performance Memory Application >>

Styles Computed Layout Event Listeners >>

Filter

element.style {

@media (width >= 640px) {

.sm\:px-8 {

.text-white {

.px-4 {

.gap-4 {

.justify-center {

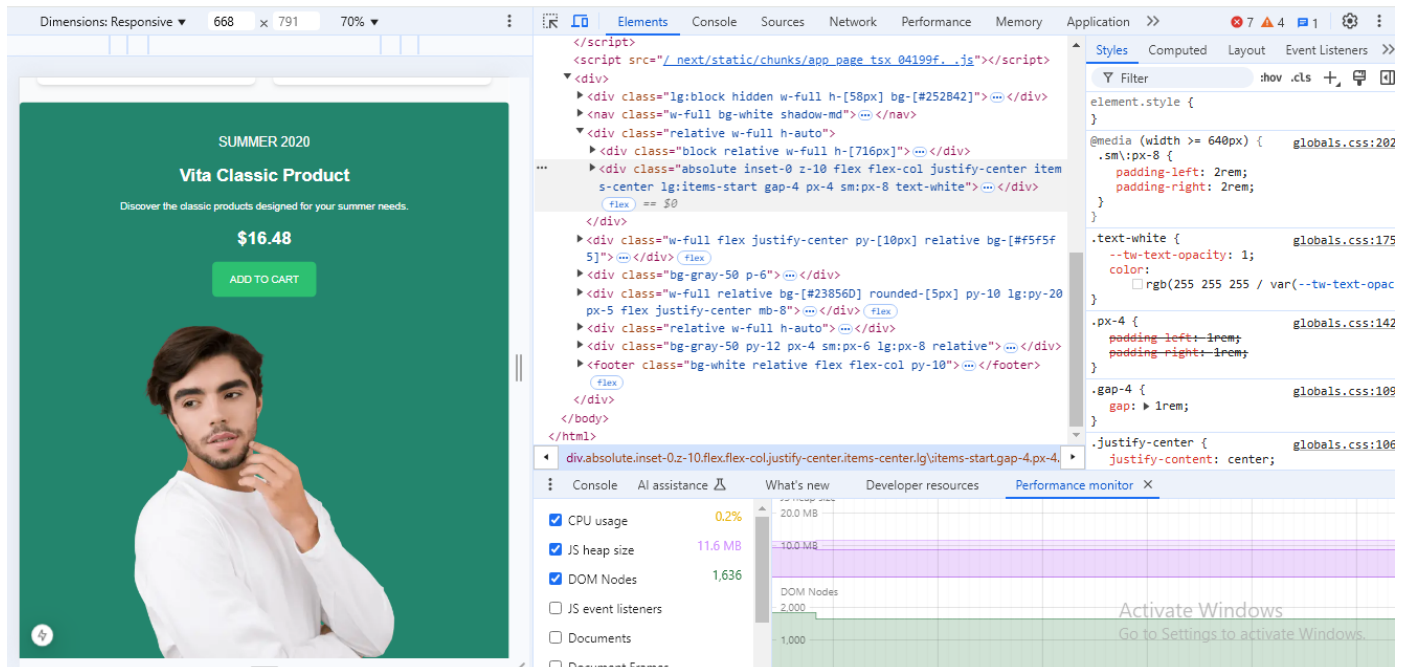
div.absolute.inset-0.z-10.flex.flex-col.justify-center.items-center.lg\:items-start.gap-4.px-4

Filter by URL and error

Status	URL	Initiator	Total Bytes	Error
success	/%5Broot%20of%20the%20server%5D_9d1267_.css.map	http://localhost...	55 751	
success	http.../node_modules_next_dist_compiled_107ce8_.js.map	http://localhost...	389 626	
success	http.../node_modules_40swc_helpers_cjs_00636a_.js.map	http://localhost...	5 272	
success	http://localh.../node_modules_next_dist_4bb10e_.js.map	http://localhost...	128 446	
success	http://localhost:3000/_next/static/chu.../_d95469_.js.map	http://localhost...	105 793	

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## Performance Monitor:



Dimensions: Responsive 668 x 791 70%

Elements

```
<script>
<script src="/next/static/chunks/app_page_tsx_04199f...js"></script>
<div>
  <div class="lg:block hidden w-full h-[58px] bg-[#252B42]"></div>
  <nav class="w-full bg-white shadow-md"></nav>
  <div class="relative w-full h-auto">
    <div class="block relative w-full h-[716px]"></div>
    <div class="absolute inset-0 z-10 flex flex-col justify-center items-center lg:items-start gap-4 px-4 sm:px-8 text-white">
      <div>
        <div class="w-full flex justify-center py-[10px] relative bg-[#f5f5f5]"></div>
        <div class="bg-gray-50 p-6"></div>
        <div class="w-full relative bg-[#23856D] rounded-[5px] py-10 lg:py-20 px-5 flex justify-center mb-8"></div>
        <div class="relative w-full h-auto"></div>
        <div class="bg-gray-50 py-12 px-4 sm:px-6 lg:px-8 relative"></div>
        <div class="bg-white relative flex flex-col py-10"></div>
      </div>
    </div>
  </div>
</body>
</html>
```

Styles

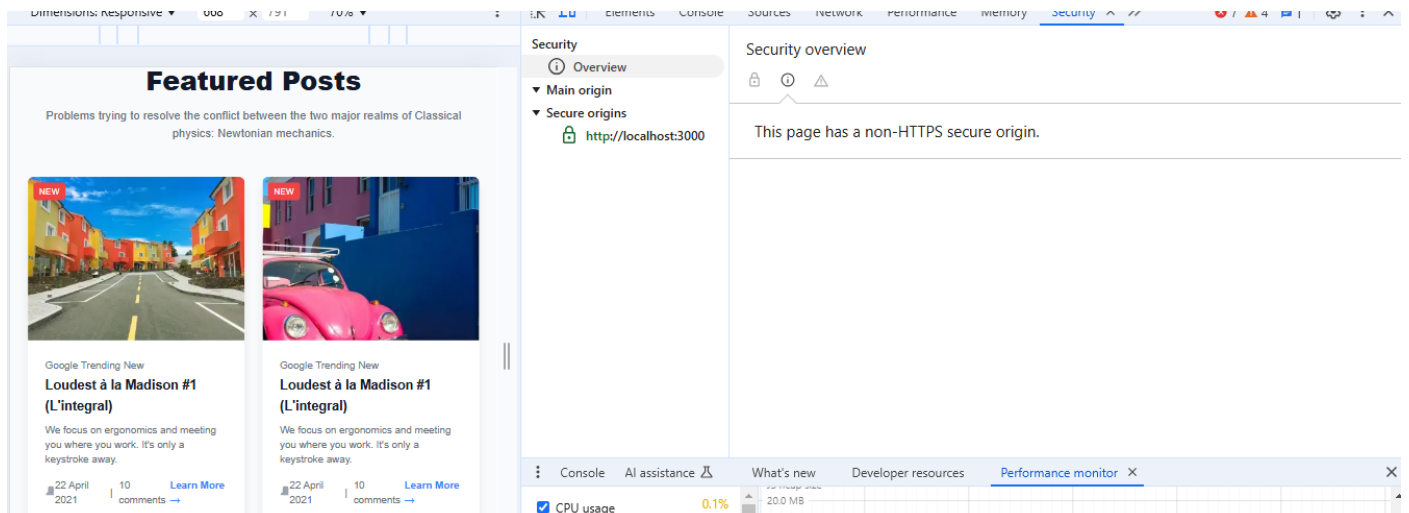
```
element.style {
}
@media (width >= 640px) {
  .sm\:px-8 {
    padding-left: 2rem;
    padding-right: 2rem;
  }
}
.text-white {
  --tw-text-opacity: 1;
  color:
    rgb(255 255 255 / var(--tw-text-opac
  )
}
.px-4 {
  padding-left: 1rem;
  padding-right: 1rem;
}
.gap-4 {
  gap: 1rem;
}
.justify-center {
  justify-content: center;
}
```

Performance monitor

Metric	Value
CPU usage	0.2%
JS heap size	11.6 MB
DOM Nodes	1,636
JS event listeners	
Documents	
Document Frames	

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## Security:



Dimensions: Responsive 668 x 791 70%

Elements

Security

Security overview

Overview

Main origin

Secure origins

http://localhost:3000

This page has a non-HTTPS secure origin.

Featured Posts

Problems trying to resolve the conflict between the two major realms of Classical physics: Newtonian mechanics.

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Loudest à la Madison #1 (L'integral)

We focus on ergonomics and meeting you where you work. It's only a keystroke away.

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Performance monitor

Metric	Value
CPU usage	0.1%
JS heap size	20.0 MB
DOM Nodes	
JS event listeners	
Documents	
Document Frames	