

CAP785: WEB PERFORMANCE OPTIMIZATION

CONTINUOUS ASSESSMENTS (C.A)-2

ST_NAME : - EKHLAKH AHMAD
REG NO. : - 12209166
ROLL NO. : - 65
GROUP : - 2

Page Speed Before Sprite Image Apply

Website Link: <https://ekhlakh-food-ordering-website.vercel.app/>

Report from Feb 29, 2024, 1:24:06 PM

<https://ekhlakh-food-ordering-website.vercel.app/>

Analyze



Mobile



Desktop



Discover what your real users are experiencing



No Data



Diagnose performance issues



Performance



Accessibility



Best Practices



SEO

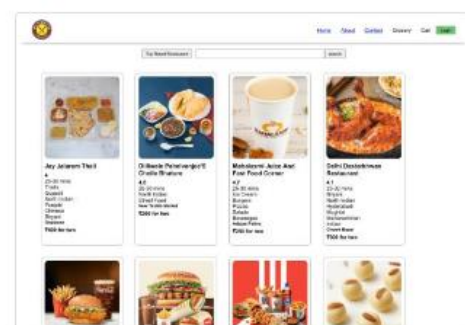


Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. [See calculator.](#)

▲ 0–49 ■ 50–89 ● 90–100

METRICS



Expand view

Page Speed After Sprite Image Apply

Report from Feb 29, 2024, 2:18:45 PM

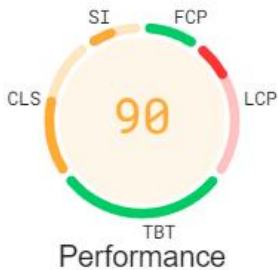
https://ekhlakh-food-ordering-website.vercel.app/

Analyze

Mobile Desktop

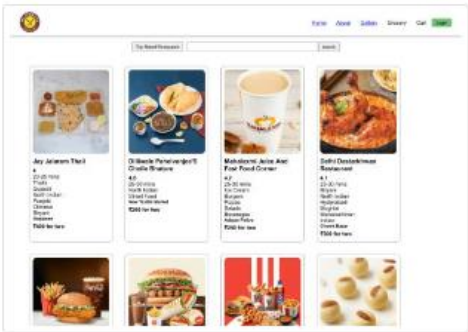
Discover what your real users are experiencing No Data

Diagnose performance issues



Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49 ■ 50–89 ● 90–100



METRICS

Expand view

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

DIAGNOSTICS

- ▲ Avoid large layout shifts — 4 layout shifts found
- ▲ Largest Contentful Paint element — 3,100 ms
- ▲ Preload Largest Contentful Paint image — Potential savings of 250 ms
- Image elements do not have explicit `width` and `height`
- Serve static assets with an efficient cache policy — 2 resources found
- Properly size images — Potential savings of 315 KiB
- Reduce unused JavaScript — Potential savings of 31 KiB
- Initial server response time was short — Root document took 290 ms
- Minimizes main-thread work — 0.6 s
- Avoid long main-thread tasks — 2 long tasks found
- Avoid non-composited animations — 40 animated elements found
- Avoids enormous network payloads — Total size was 631 KiB
- Avoids an excessive DOM size — 270 elements
- Avoid chaining critical requests — 1 chain found
- JavaScript execution time — 0.1 s
- Minimize third-party usage — Third-party code blocked the main thread for 0 ms

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

Add one more component.

```
import React from 'react'

const Gallery = () => {
  return (
    <div>
      <div class="sprite-container">
        <div class="sprite image-1">
          
</div>
<div class="sprite image-2">
    
</div>
<div class="sprite image-3">
    
</div>
<div class="sprite image-4">
    
</div>
<div class="sprite image-5">
    
```

```
</div>
<div class="sprite image-6">
  
</div>
<div class="sprite image-7">
  
</div>
<div class="sprite image-8">
  
</div>
<div class="sprite image-9">
  
</div>
<div class="sprite image-10">
  
</div>
<div class="sprite image-11">
    
</div>
<div class="sprite image-12">
    
</div>
<div class="sprite image-13">
    
</div>
<div class="sprite image-14">
    
```

```
</div>
<div class="sprite image-15">
  
</div>
<div class="sprite image-16">
  
</div>
<div class="sprite image-17">
  
</div>
<div class="sprite image-18">
  
</div>
<div class="sprite image-19">
  
</div>
<div class="sprite image-20">
    
</div>
</div>
</div>
)
}

export default Gallery

```

CSS APPLY

```

.sprite-container img{
    width: 400px;
    height: 300px;
    border-radius: 10px;
    margin: 10px 20px;
    cursor: pointer;
}

.image-2 {
    background-position: -100px 0;
}

```



```
.image-3 {  
  background-position: -200px 0;  
}
```

```
.image-4 {  
  background-position: -300px 0;  
}
```

```
.image-5 {  
  background-position: -400px 0;  
}
```

```
.image-6 {  
  background-position: -500px 0;  
}
```

```
.image-7 {  
  background-position: -600px 0;  
}
```

```
.image-8 {  
  background-position: -700px 0;  
}
```

```
.image-9 {  
  background-position: -800px 0;  
}
```

```
.image-10 {  
  background-position: -900px 0;  
}
```

```
.image-11 {  
  background-position: -1000px 0;  
}
```

```
.image-12 {
```

```
background-position: -1100px 0;
}

.image-13 {
background-position: -1200px 0;
}

.image-14 {
background-position: -1300px 0;
}

.image-15 {
background-position: -1400px 0;
}

.image-16 {
background-position: -1500px 0;
}

.image-17 {
background-position: -1600px 0;
}

.image-18 {
background-position: -1700px 0;
}

.image-19 {
background-position: -1800px 0;
}

.image-20 {
background-position: -1900px 0;
}
```