Task 2

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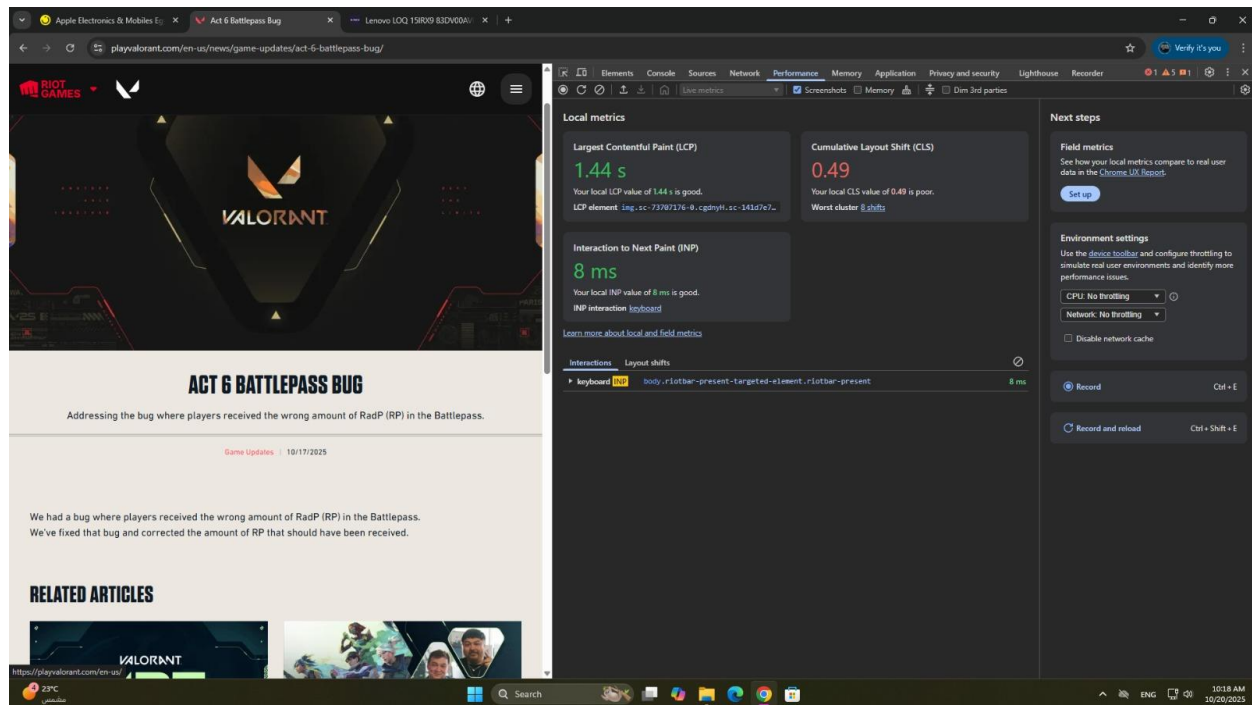
223104567   223103077

Valorant (playvalorant.com):

The problem:

Cumulative Layout Shift (CLS): 0.49 (bigger than 0.1)

Solution:

1-Reserve fixed space for images, videos, and banners to prevent layout shifts.

2-Avoid inserting new elements above existing content after the page starts rendering.

3-Preload web fonts to prevent text shifting after load.

4-Use CSS `transform` or `opacity` for animations instead of layout-changing properties like `margin` or `top`.

Noon (noon.com):

The problem:

-(LCP): 170.93 seconds (larger than 2.5)

-(CLS): 1.00 (bigger than 0.1)

Solutions:

1-Improve LCP (Loading Speed):

-Compress and resize images using modern formats (WebP/AVIF).

-Minify and defer JavaScript/CSS files that block rendering.

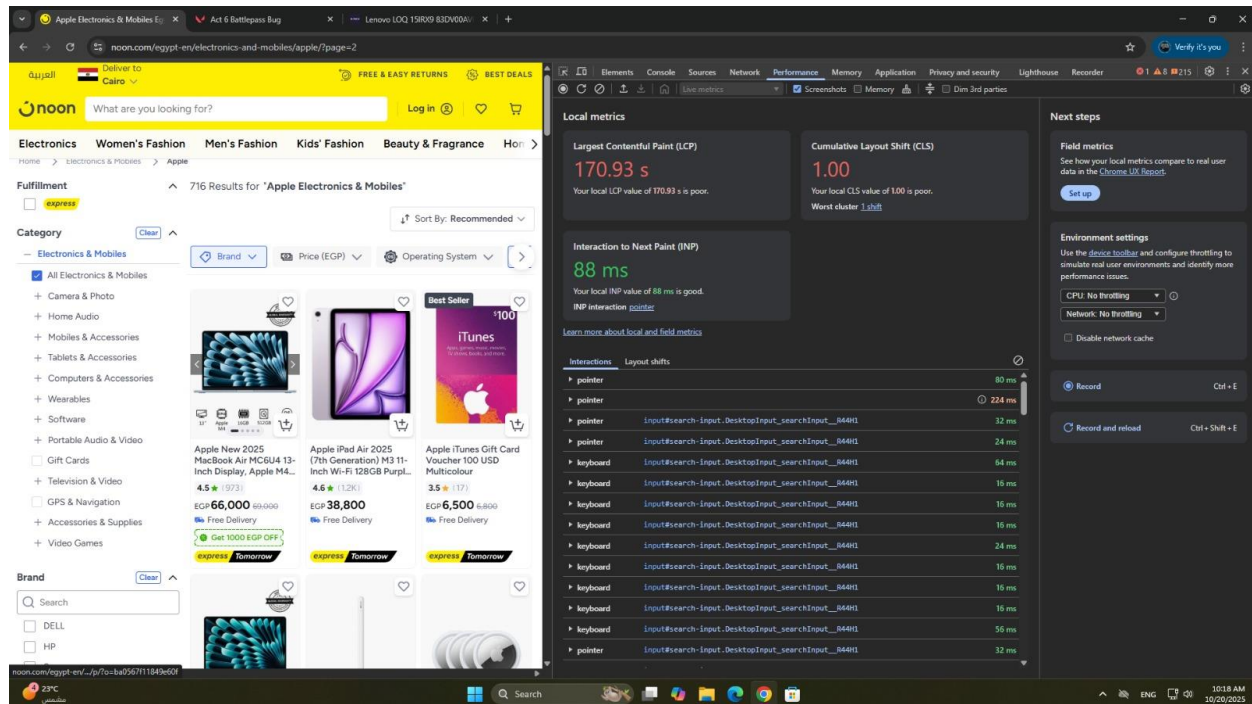-Use a CDN or caching to deliver assets faster.

-Preload critical assets (hero image, fonts, key CSS).

2-Fix CLS (Layout Stability):

-Set explicit width and height attributes for product images and cards.

-Reserve space for dynamic content like ads or sliders.

-Avoid lazy-loading above-the-fold content that causes movement.

B.TECH (btech.com):

The problem:

(CLS): 0.46 (bigger than 0.1)

The solution:

Reduce Layout Shift (CLS):

-Reserve fixed dimensions for all product images and containers.

-Avoid dynamically inserting banners or ads above existing content.

-Preload fonts and icons to prevent text or icon movement.

B.TECH

EGP 699
From 43.69/mo with
L'Avvento
L'Avvento Portable
Bluetooth Speaker , Blue -...

EGP 749
From 46.81/mo with
L'Avvento
L'Avvento Over Ear
Headphones , Black - HP11B

EGP 1,999
From 124.94/mo with
Qcy
Qcy H3 Lite Over Ear
Headphones , White -...

Price drop

Price drop

Price drop

EGP 1,299
From 81.19/mo with
Hama
Hama Freedom Lit On Ear
Headphones , Black

EGP 6,399
From 399.94/mo with
Jbl
Jbl Flip 7 Portable Bluetooth
Speaker , Blue -...
Blue +4

EGP 2,444
From 152.75/mo with
Xiaomi
Xiaomi Portable Bluetooth
Speaker , Blue - MDZ-38-DB

EGP 8,799
From 549.94/mo with
Lenovo

EGP 1,299
From 81.19/mo with
Anker

EGP 1,699
From 106.19/mo with
Redragon

Elements   Console   Sources   Network   Performance   Memory   Application   Privacy and security   Lighthouse   Recorder

Live metrics   ☑ Screenshots   ☐ Memory   ☐ Dim 3rd parties

Local metrics

Next steps

Largest Contentful Paint (LCP)
1.25 s
Your local LCP value of 1.25 s is good.

Cumulative Layout Shift (CLS)
0.46
Your local CLS value of 0.46 is poor.
Worst cluster 3 shifts

Field metrics
See how your local metrics compare to real user
data in the Chrome UX Report.
Set up

Interaction to Next Paint (INP)
144 ms
Your local INP value of 144 ms is good.
INP interaction keyboard

Environment settings
Use the device toolbar and configure throttling to
simulate real user environments and identify more
performance issues.

CPU: No throttling
Network: No throttling
☐ Disable network cache

Learn more about local and field metrics

Interactions	Layout shifts	
▶ keyboard	body.antialiased.__className_50a98f	8 ms
▶ keyboard		176 ms
▶ keyboard INP		144 ms
▶ keyboard		112 ms
▶ keyboard		184 ms
▶ keyboard		112 ms
▶ pointer	img.object-contain.size-5xsmall	72 ms
▶ pointer		16 ms
▶ pointer		32 ms
▶ pointer		32 ms
▶ pointer	nav.flex.flex-col.text-absoluteLight	56 ms
▶ pointer	img.object-contain.size-5xsmall	56 ms
▶ pointer		16 ms
▶ pointer		40 ms
▶ pointer		32 ms

Record   Ctrl + E
Record and reload   Ctrl + Shift + E

23°C
مشمس

Q Search

ENG   10:22 AM   10/20/2025