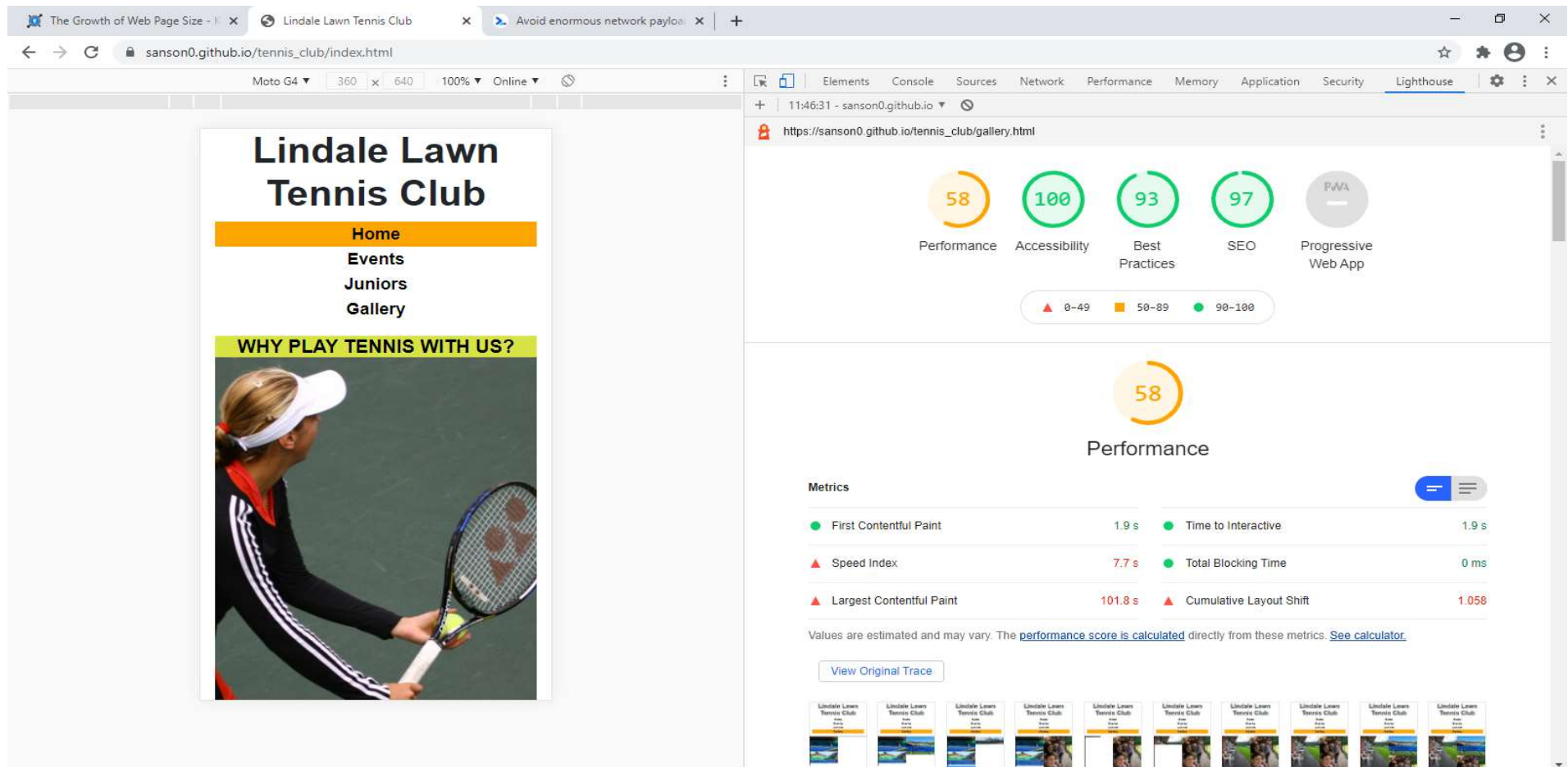


Testing – Lighthouse performance score 30/01/21

These slides show the performance score obtained using Lighthouse on the Chrome browser. Improvements were made to the website based on the results from Lighthouse. The website was re-tested using Lighthouse to show its increased performance rating.



The results were good for accessibility, best practices and SEO (search engine optimisation) but a bit down for performance.

The Growth of Web Page Size - | x

Lindale Lawn Tennis Club x

Avoid enormous network payload x

+

← → ↻

sanson0.github.io/tennis_club/index.html

☆ ⚙️ 👤 ⋮

Moto G4 ▾ 360 x 640 100% ▾ Online ▾













⋮

🖨️ 📄 Elements Console Sources Network Performance Memory Application Security Lighthouse ⚙️ ⋮

11:46:31 - sanson0.github.io 🔒

https://sanson0.github.io/tennis_club/gallery.html ⋮

58 100 93 97 PWA



Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity

Estimated Savings








▲ Properly size images

170.1 s

^

Serve images that are appropriately-sized to save cellular data and improve load time. [Learn more](#).

☒ Show 3rd-party resources (12)

URL	Resource Size	Potential Savings
 /JUscV7X.jpg (i.imgur.com)	4,820.7 KiB	4,734 KiB
 /OzVm2To.jpg (i.imgur.com)	4,452 KiB	4,371.9 KiB
 /JFhrXXw.jpg (i.imgur.com)	4,295.8 KiB	4,218.5 KiB
 /gZdSeP9.jpg (i.imgur.com)	4,195.4 KiB	4,119.9 KiB
 /Slv5TdU.jpg (i.imgur.com)	3,903.2 KiB	3,832.9 KiB
 /cYH9Hqw.jpg (i.imgur.com)	3,695 KiB	3,628.5 KiB
 /Bhrbywu.jpg (i.imgur.com)	3,519.9 KiB	3,456 KiB

Lindale Lawn Tennis Club


Home

Events

Juniors

Gallery

WHY PLAY TENNIS WITH US?



The Growth of Web Page Size - | Lindale Lawn Tennis Club | Avoid enormous network payloads |


sanson0.github.io/tennis_club/index.html

Moto G4 360 x 640 100% Online

Lindale Lawn Tennis Club

- Home
- Events
- Juniors
- Gallery

WHY PLAY TENNIS WITH US?



11:46:31 - sanson0.github.io

https://sanson0.github.io/tennis_club/gallery.html

58 100 93 97

/Bhrbywu.jpg (i.imgur.com)	3,519.9 KiB	3,456.6 KiB
/WtVfHA.jpg (i.imgur.com)	2,877.9 KiB	2,785.6 KiB
/akqvntw.jpg (i.imgur.com)	1,963.5 KiB	1,900.5 KiB
/pS7kx8a.jpg (i.imgur.com)	567.4 KiB	532 KiB
/mJMdQZ7.jpg (i.imgur.com)	246 KiB	202.6 KiB
/La5kCYX.jpg (i.imgur.com)	227.6 KiB	182.2 KiB

▲ Eliminate render-blocking resources 1.07 s

■ Remove unused CSS 0.15 s

Diagnostics — More information about the performance of your application. These numbers don't directly affect the Performance score.

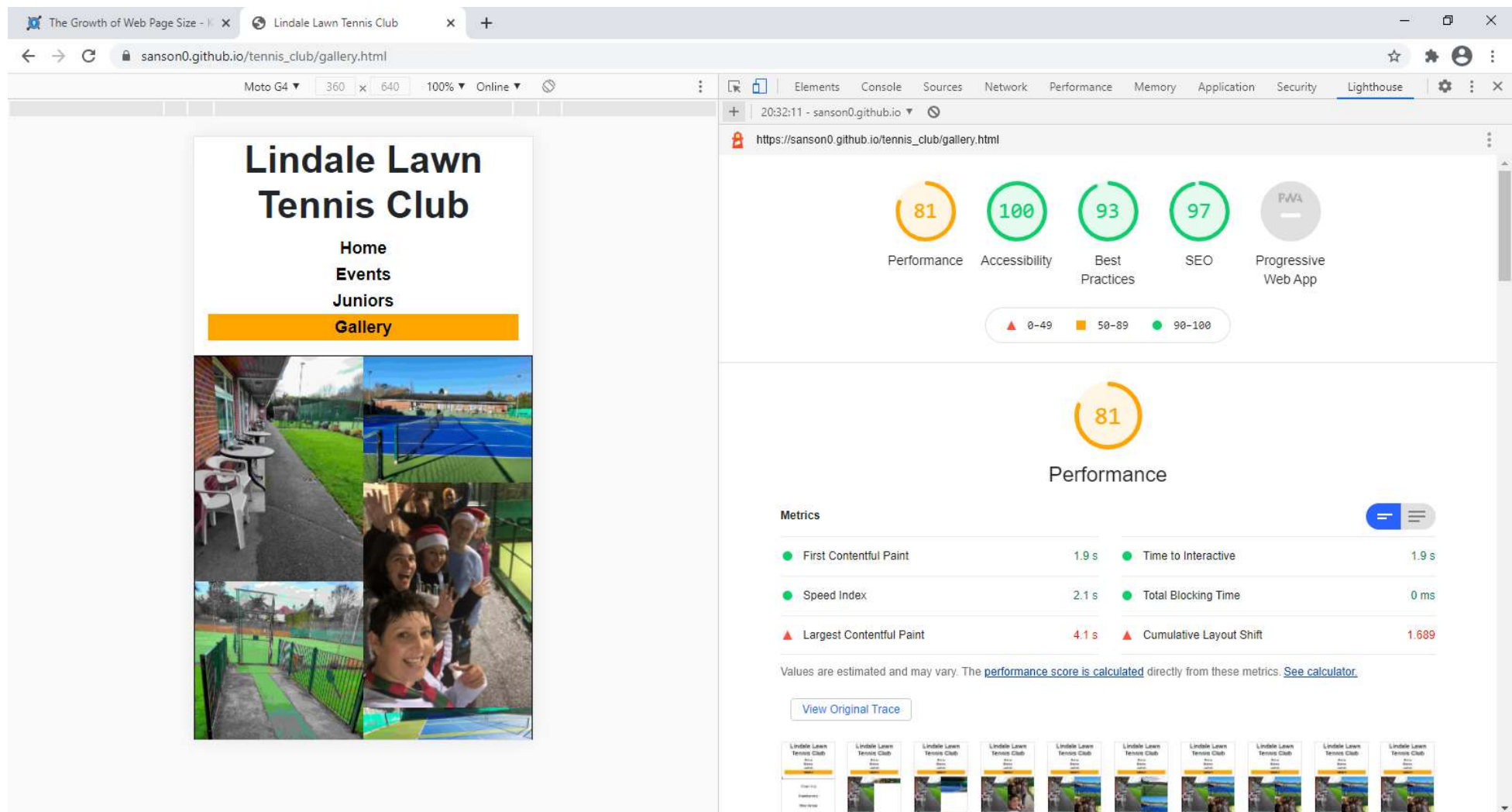
▲ Avoid enormous network payloads — Total size was 34,896 KiB

Large network payloads cost users real money and are highly correlated with long load times. [Learn more.](#)

☒ Show 3rd-party resources (10)

URL	Transfer Size
/JUscV7x.jpg (i.imgur.com)	4,820.7 KiB
/OzVm2To.jpg (i.imgur.com)	4,452 KiB

Results highlighted a problem with large file sizes for photos, resulting in long loading times for the Gallery page and costing more in terms of data for the website user.



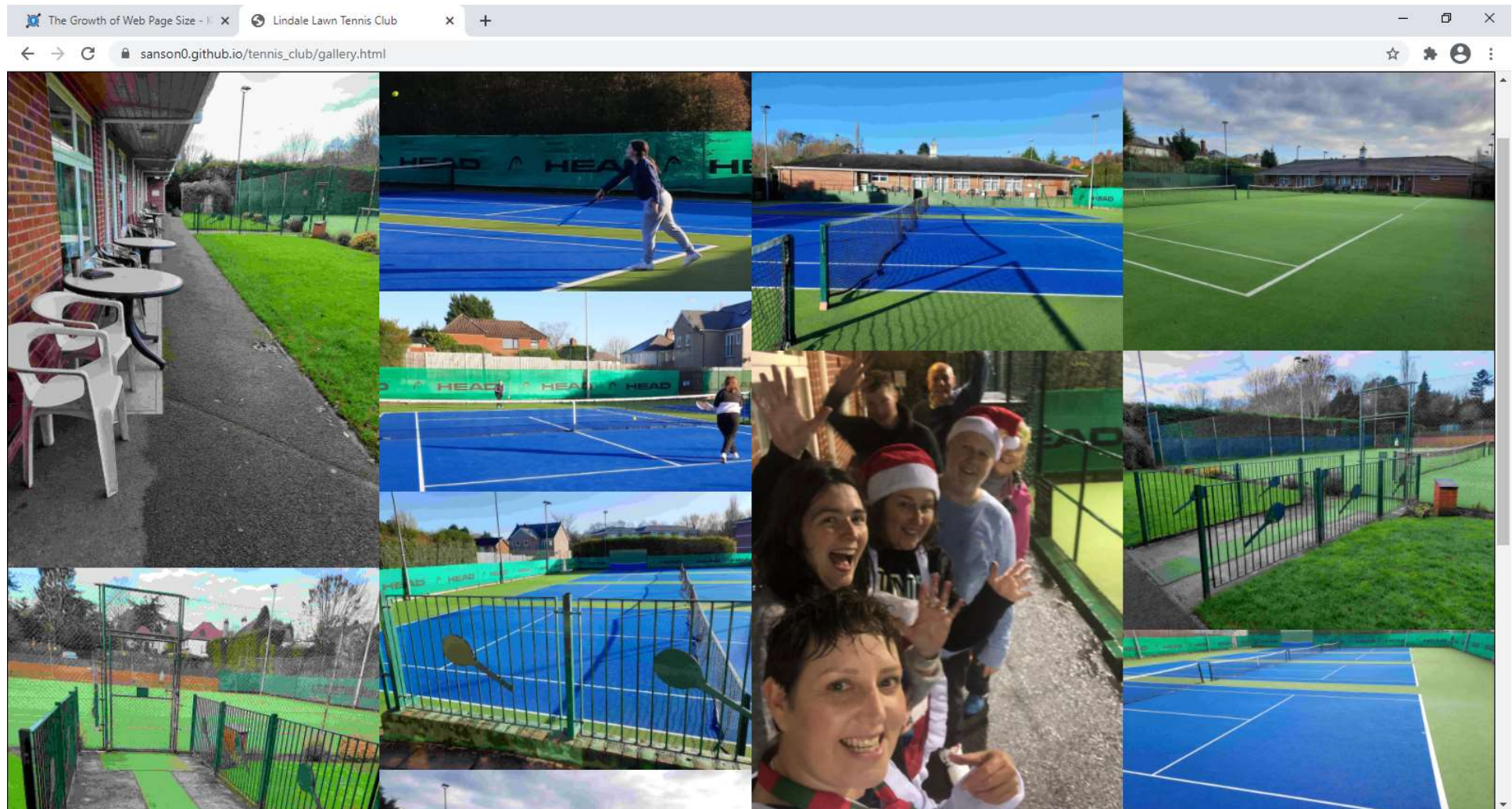
Performance results after using Gallery page photos with reduced file sizes (obtained using the ResizePixel image editor).

The screenshot displays a web browser window with the address bar showing `sanson0.github.io/tennis_club/gallery.html`. The page content includes a navigation menu with links for Home, Events, Juniors, and Gallery (highlighted in orange). Below the menu is a gallery of five photographs: a tennis court with outdoor seating, a blue tennis court, a group of people in festive attire, a tennis court with a green fence, and a close-up of a smiling person. To the right of the page, the Lighthouse performance audit results are visible. The overall performance score is 81, with sub-scores of 100 for Accessibility, 93 for Best Practices, and 97 for SEO. The 'Opportunity' section lists four items for improvement: 'Properly size images' (19.44 s savings), 'Serve images in next-gen formats' (1.51 s), 'Eliminate render-blocking resources' (1.13 s), and 'Remove unused CSS' (0.15 s). The 'Diagnostics' section provides further details on various metrics, including network payloads (4,243 KiB total), request counts (18 requests), and layout shifts. A green progress bar at the bottom of the Lighthouse panel indicates the overall performance level.

Opportunity	Estimated Savings
Properly size images	19.44 s
Serve images in next-gen formats	1.51 s
Eliminate render-blocking resources	1.13 s
Remove unused CSS	0.15 s

Diagnostics
Ensure text remains visible during webfont load
Image elements do not have explicit width and height
Avoid enormous network payloads — Total size was 4,243 KiB
Avoid chaining critical requests — 4 chains found
Keep request counts low and transfer sizes small — 18 requests • 4,243 KiB
Largest Contentful Paint element — 1 element found
Avoid large layout shifts — 5 elements found
Avoid long main-thread tasks — 7 long tasks found

Performance results after using Gallery page photos with reduced file sizes.



Gallery photos still look acceptable even though file sizes have been reduced by up to 90%.