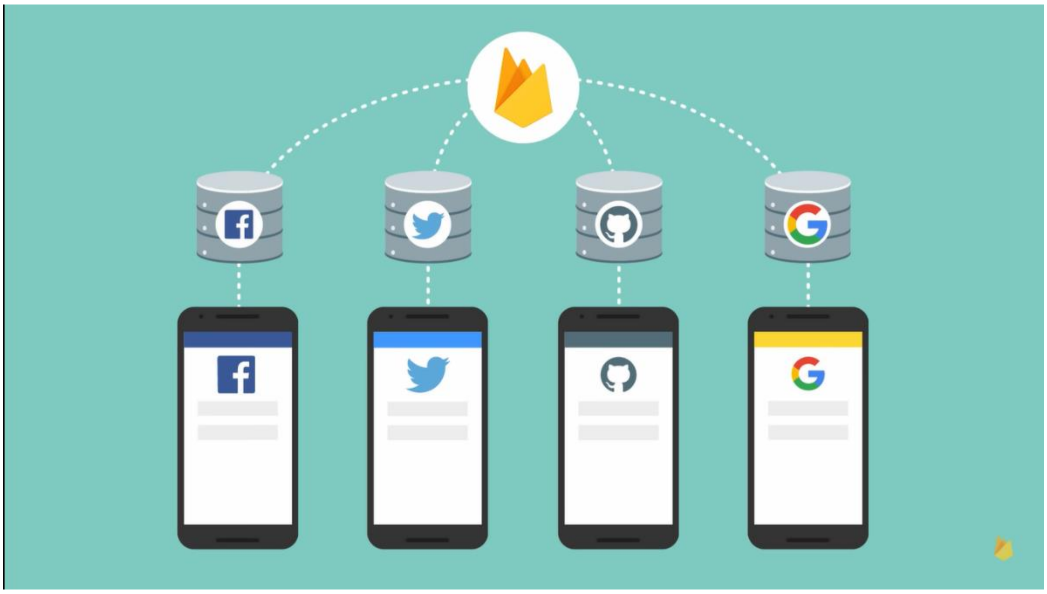
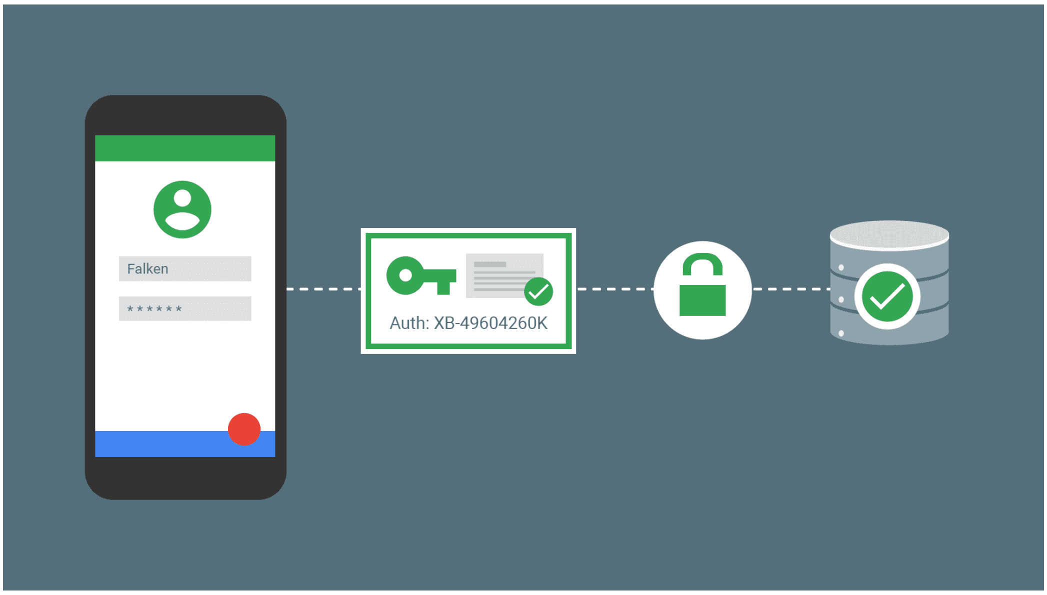
Use of a single sing- on service with an authorization framework

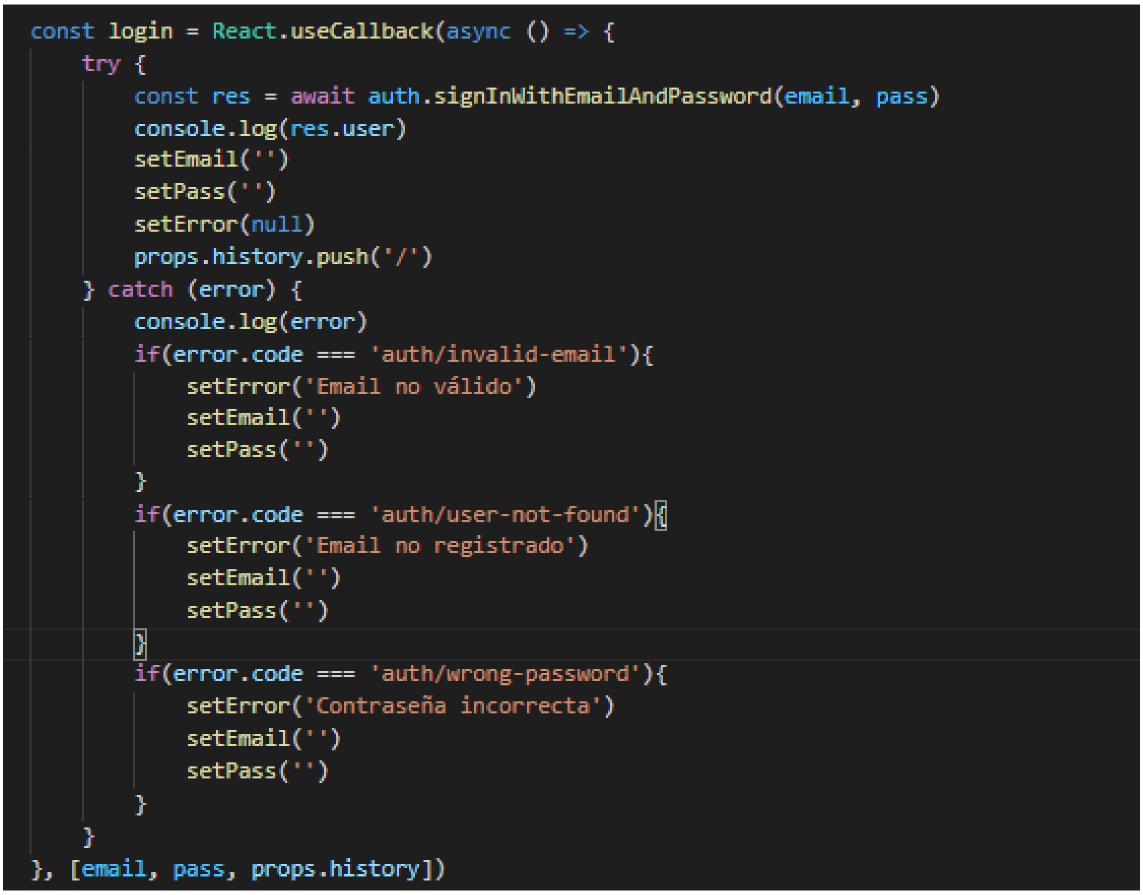
Provides an authentication solution, through flows managed by a user access UI. It has an Auth component implemented which is used for websites and mobile devices that can maximize access conversion. Through this authentication you have a better security since you can get relevant data that are accessible with verified emails.



It has a comprehensive security through Google, Smart lock and by the password manager in Chrome.



Our code validates the emails, if they exist it returns a token with that information.

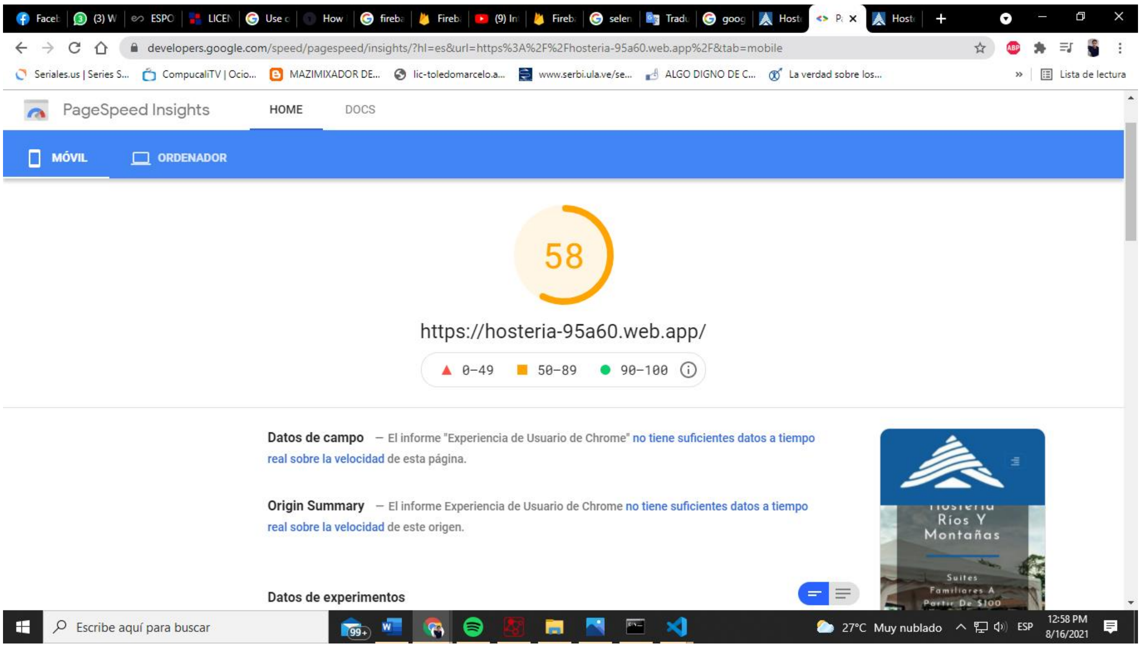


```
const login = React.useCallback(async () => {
    try {
        const res = await auth.signInWithEmailAndPassword(email, pass)
        console.log(res.user)
        setEmail('')
        setPass('')
        setError(null)
        props.history.push('/')
    } catch (error) {
        console.log(error)
        if(error.code === 'auth/invalid-email'){
            setError('Email no válido')
            setEmail('')
            setPass('')
        }
        if(error.code === 'auth/user-not-found'){
            setError('Email no registrado')
            setEmail('')
            setPass('')
        }
        if(error.code === 'auth/wrong-password'){
            setError('Contraseña incorrecta')
            setEmail('')
            setPass('')
        }
    }
}, [email, pass, props.history])
```

Through this function we can validate registered users in our application and thanks to the comprehensive security you can reset the password by means of"firebase"where a link is sent to the end user's email and if you wish you can proceed to make the change.

Extra-Use of a GUI test automation tool

It has been used "google developers", is a tool created for developers with many functions, with which we have tested some windows of our page.


developers.google.com/speed/pagespeed/insights/?hl=es&url=https%3A%2F%2Fhosteria-95a60.web.app%2F&tab=mobile
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8/16/2021

58

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▲ 0–49 ■ 50–89 ● 90–100

Datos de campo — El informe "Experiencia de Usuario de Chrome" no tiene suficientes datos a tiempo real sobre la velocidad de esta página.

Origin Summary — El informe Experiencia de Usuario de Chrome no tiene suficientes datos a tiempo real sobre la velocidad de este origen.

Datos de experimentos

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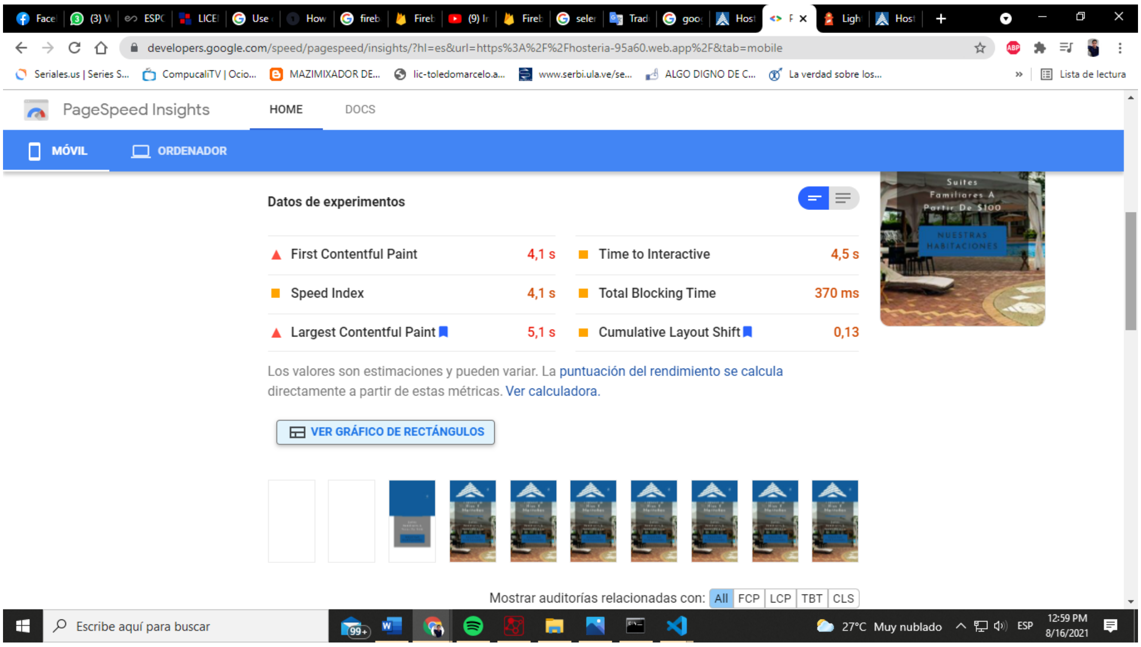
For the mobile and web part the load test has medium speed in load time from a mobile application, in the web part a certain similarity was shown in the load test.


developers.google.com/speed/pagespeed/insights/?hl=es&url=https%3A%2F%2Fhosteria-95a60.web.app%2F&tab=mobile
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Datos de experimentos

▲ First Contentful Paint	4,1 s	■ Time to Interactive	4,5 s
■ Speed Index	4,1 s	■ Total Blocking Time	370 ms
▲ Largest Contentful Paint	5,1 s	■ Cumulative Layout Shift	0,13

Los valores son estimaciones y pueden variar. La puntuación del rendimiento se calcula directamente a partir de estas métricas. Ver calculadora.

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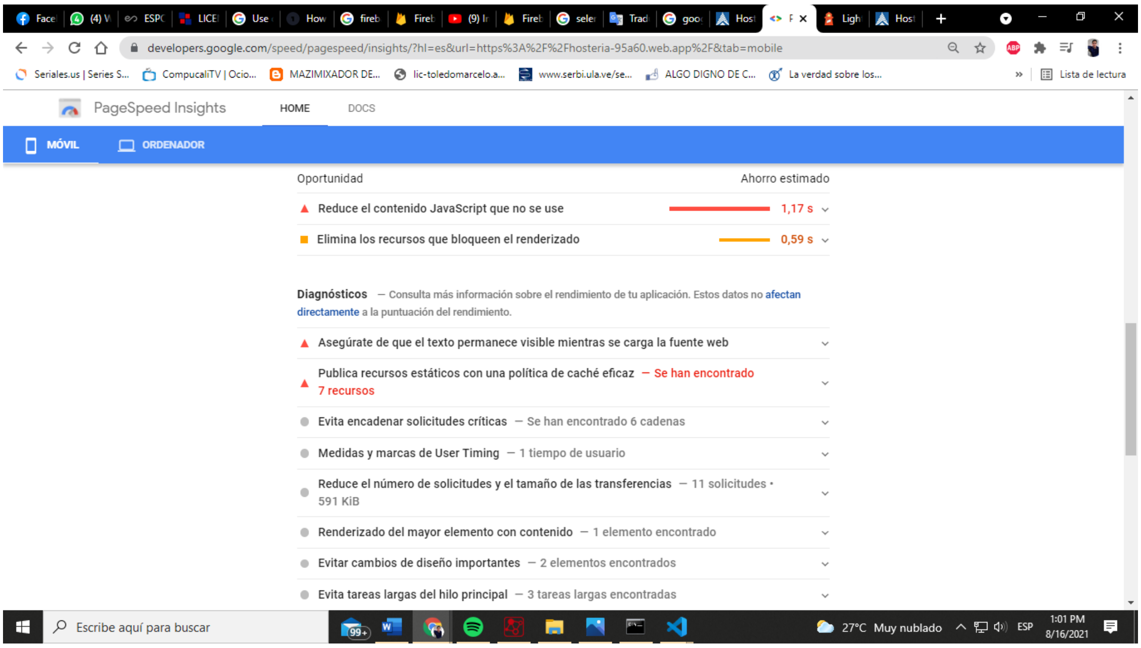
Mostrar auditorías relacionadas con: All FCP LCP TBT CLS

The app gives us a lot of data, such as data from experiments and some recommendations for diagnosis by web and mobile.


developers.google.com/speed/pagespeed/insights/?hl=es&url=https%3A%2F%2Fhosteria-95a60.web.app%2F&tab=mobile
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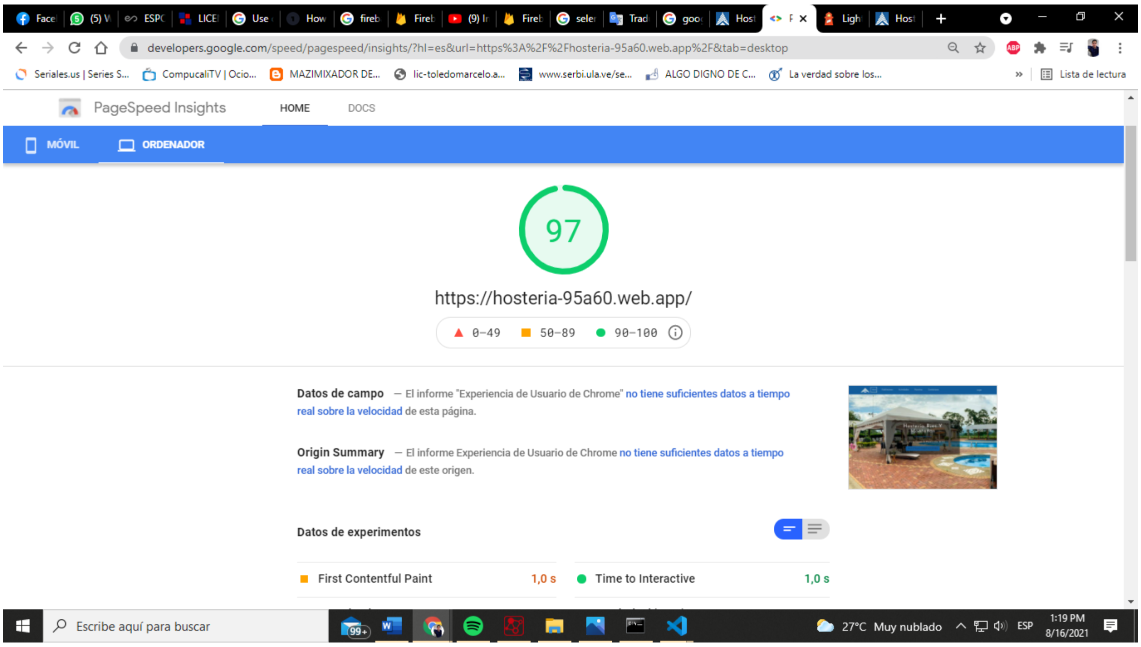
Oportunidad	Ahorro estimado
🟥 Reduce el contenido JavaScript que no se use	1,17 s
🟧 Elimina los recursos que bloqueen el renderizado	0,59 s

Diagnósticos — Consulta más información sobre el rendimiento de tu aplicación. Estos datos no afectan directamente a la puntuación del rendimiento.

- ▲ Asegúrate de que el texto permanece visible mientras se carga la fuente web
- ▲ Publica recursos estáticos con una política de caché eficaz — Se han encontrado 7 recursos
- ● Evita encadenar solicitudes críticas — Se han encontrado 6 cadenas
- ● Medidas y marcas de User Timing — 1 tiempo de usuario
- ● Reduce el número de solicitudes y el tamaño de las transferencias — 11 solicitudes • 591 KiB
- ● Renderizado del mayor elemento con contenido — 1 elemento encontrado
- ● Evitar cambios de diseño importantes — 2 elementos encontrados
- ● Evita tareas largas del hilo principal — 3 tareas largas encontradas

After applying the appropriate modifications to the code, the app improves its loading performance.


developers.google.com/speed/pagespeed/insights/?hl=es&url=https%3A%2F%2Fhosteria-95a60.web.app%2F&tab=desktop
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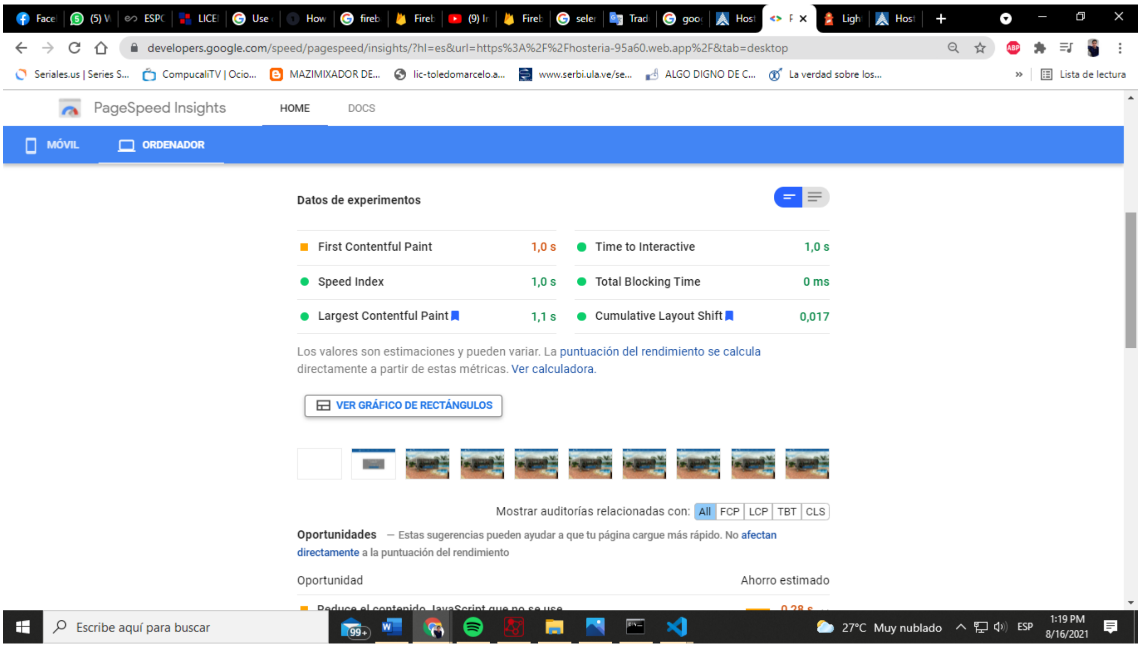
▲ 0-49 🟧 50-89 ● 90-100

Datos de campo — El informe "Experiencia de Usuario de Chrome" no tiene suficientes datos a tiempo real sobre la velocidad de esta página.

Origin Summary — El informe Experiencia de Usuario de Chrome no tiene suficientes datos a tiempo real sobre la velocidad de este origen.

Datos de experimentos

🟧 First Contentful Paint	1,0 s	● Time to Interactive	1,0 s


developers.google.com/speed/pagespeed/insights/?hl=es&url=https%3A%2F%2Fhosteria-95a60.web.app%2F&tab=desktop
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Datos de experimentos

🟧 First Contentful Paint	1,0 s	● Time to Interactive	1,0 s
● Speed Index	1,0 s	● Total Blocking Time	0 ms
● Largest Contentful Paint	1,1 s	● Cumulative Layout Shift	0,017

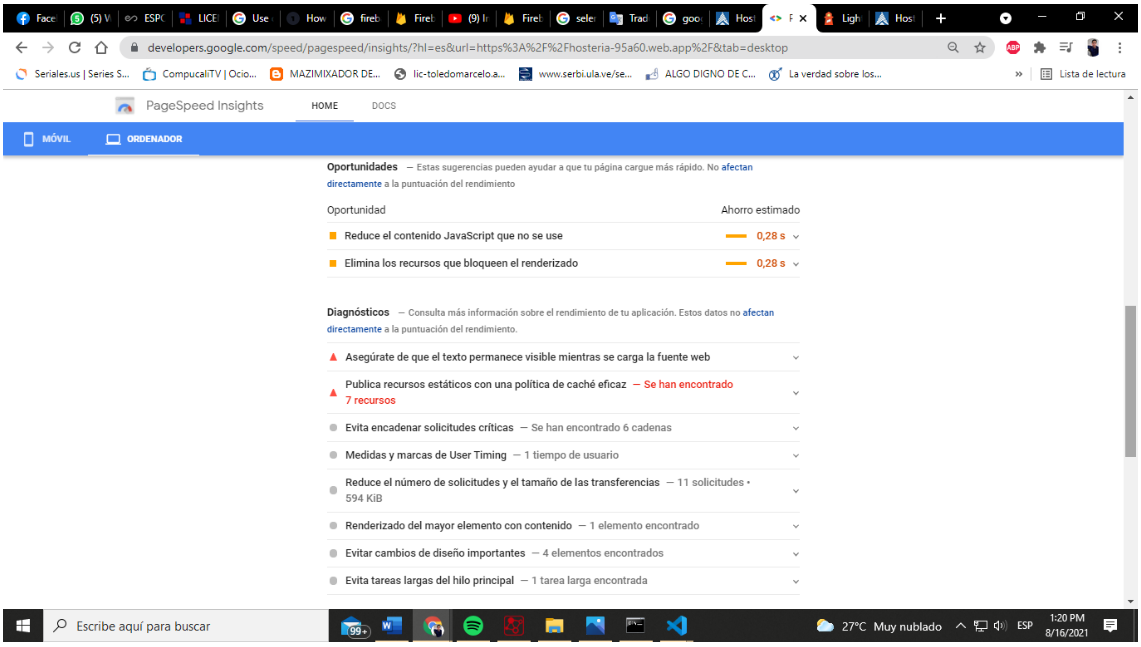
Los valores son estimaciones y pueden variar. La puntuación del rendimiento se calcula directamente a partir de estas métricas. Ver calculadora.

VER GRÁFICO DE RECTÁNGULOS

Mostrar auditorías relacionadas con: All FCP LCP TBT CLS

Oportunidades — Estas sugerencias pueden ayudar a que tu página cargue más rápido. No afectan directamente a la puntuación del rendimiento

Oportunidad Ahorro estimado


developers.google.com/speed/pagespeed/insights/?hl=es&url=https%3A%2F%2Fhosteria-95a60.web.app%2F&tab=desktop
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Oportunidades — Estas sugerencias pueden ayudar a que tu página cargue más rápido. No afectan directamente a la puntuación del rendimiento

Oportunidad	Ahorro estimado
🟧 Reduce el contenido JavaScript que no se use	0,28 s
🟧 Elimina los recursos que bloqueen el renderizado	0,28 s

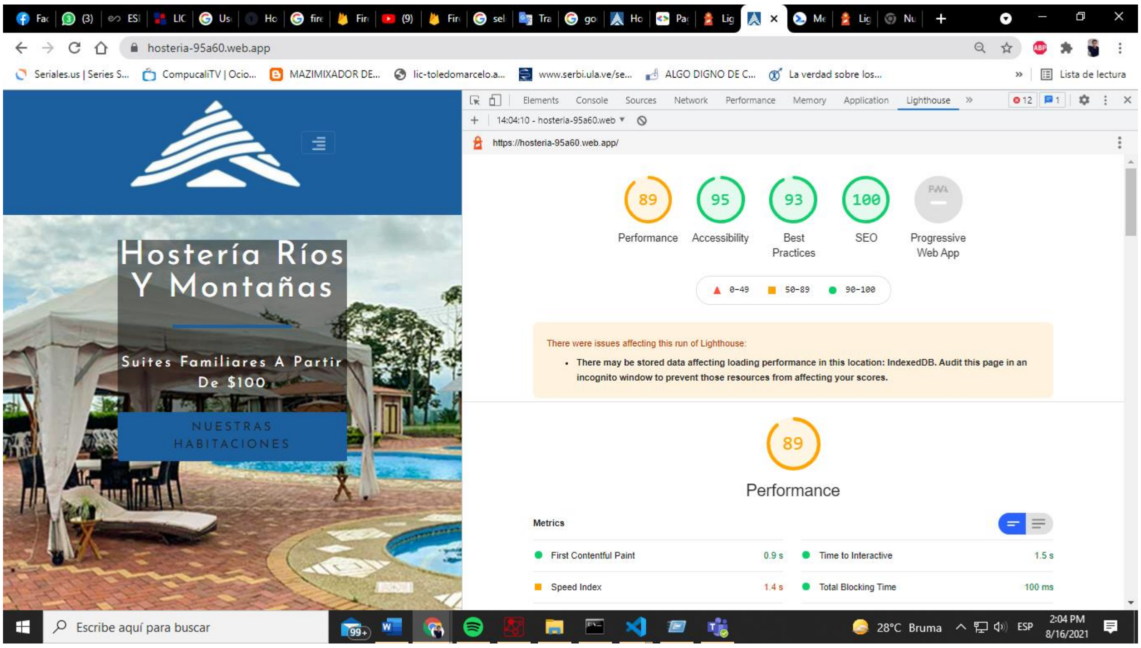
Diagnósticos — Consulta más información sobre el rendimiento de tu aplicación. Estos datos no afectan directamente a la puntuación del rendimiento.

- ▲ Asegúrate de que el texto permanece visible mientras se carga la fuente web
- ▲ Publica recursos estáticos con una política de caché eficaz — Se han encontrado 7 recursos
- ● Evita encadenar solicitudes críticas — Se han encontrado 6 cadenas
- ● Medidas y marcas de User Timing — 1 tiempo de usuario
- ● Reduce el número de solicitudes y el tamaño de las transferencias — 11 solicitudes • 594 KiB
- ● Renderizado del mayor elemento con contenido — 1 elemento encontrado
- ● Evitar cambios de diseño importantes — 4 elementos encontrados
- ● Evita tareas largas del hilo principal — 1 tarea larga encontrada

Source : https://developers.google.com/speed/pagespeed/insights/?hl=es

Extra-Load Testing

With the same "Google developers"but now we use "Lighthouse" with all its features. To access this Google feature or tool we must place ourselves on the website you want to analyze, then press inspect and in the bar on the right side where it says: elements, console, source and others. Search lighthouse, select the categories to analyze and the type of device. To finish just click on generate report and wait.



89	95	93	100	
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0-49 ■ 50-89 ● 90-100

There were issues affecting this run of Lighthouse:

- There may be stored data affecting loading performance in this location: IndexedDB. Audit this page in an incognito window to prevent those resources from affecting your scores.

89

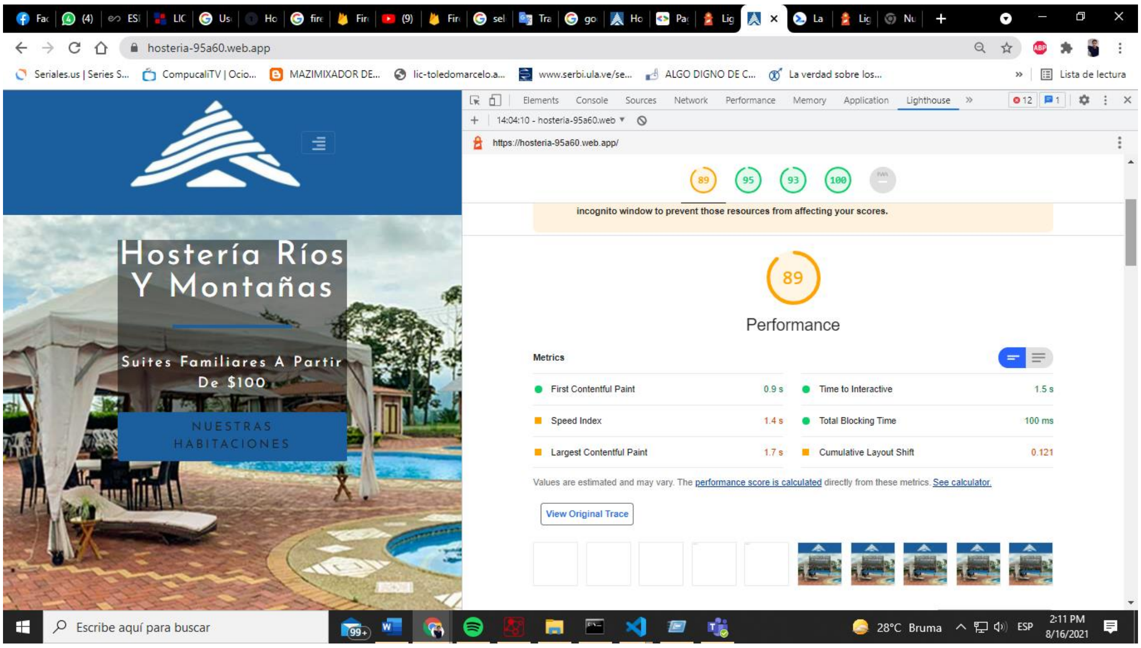
Performance

Metrics

●	First Contentful Paint	0.9 s	●	Time to Interactive	1.5 s
■	Speed Index	1.4 s	●	Total Blocking Time	100 ms

With improved code, we can see how performance is in range. To be extremely optimal, you should reach more than 90 in each section.

Performance is the interaction time to determine the load delay, in other words, the load time.



incognito window to prevent those resources from affecting your scores.

89

Performance

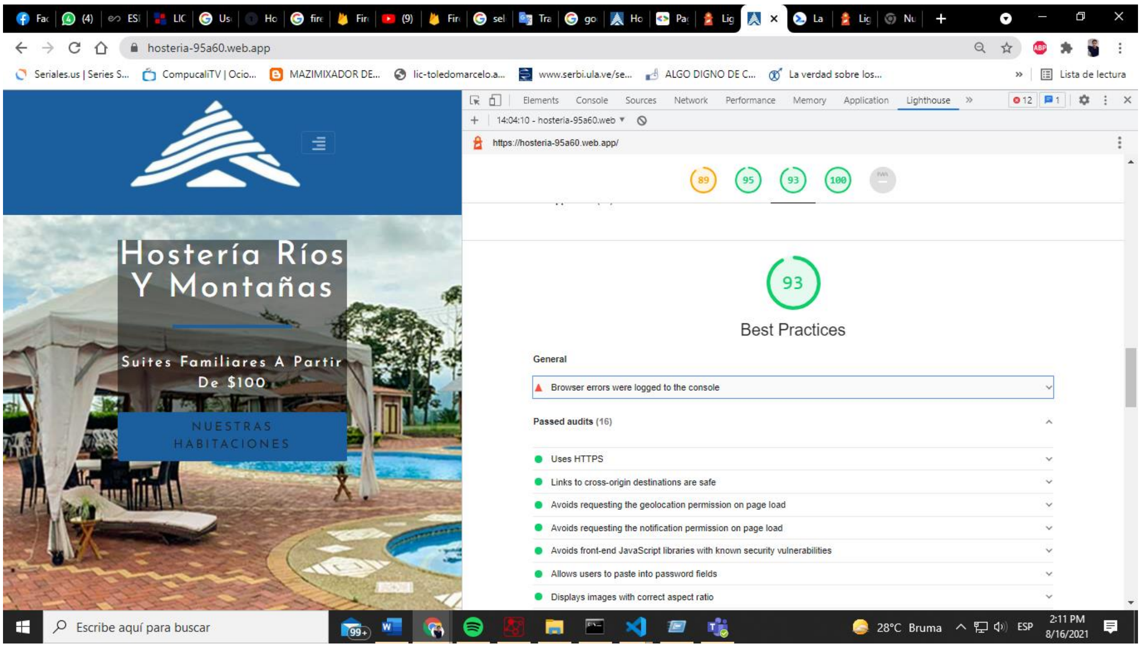
Metrics

●	First Contentful Paint	0.9 s	●	Time to Interactive	1.5 s
■	Speed Index	1.4 s	●	Total Blocking Time	100 ms
■	Largest Contentful Paint	1.7 s	■	Cumulative Layout Shift	0.121

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

View Original Trace

In **best practices,**rate the use of HTTPS within the entire render of the page.



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89 95 93 100

93

Best Practices

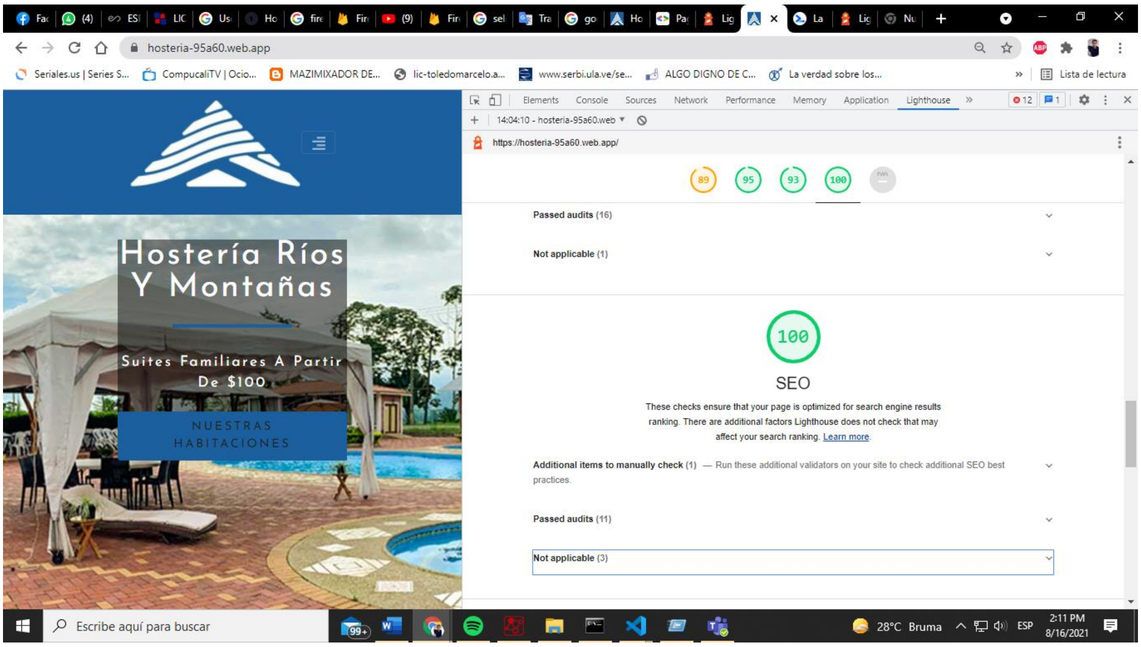
General

- Browser errors were logged to the console

Passed audits (16)

- Uses HTTPS
- Links to cross-origin destinations are safe
- Avoids requesting the geolocation permission on page load
- Avoids requesting the notification permission on page load
- Avoids front-end JavaScript libraries with known security vulnerabilities
- Allows users to paste into password fields
- Displays images with correct aspect ratio

In **SEO** verifies the quality of the code or implementation for a better positioning on the web.



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Passed audits (16)

Not applicable (1)

100

SEO

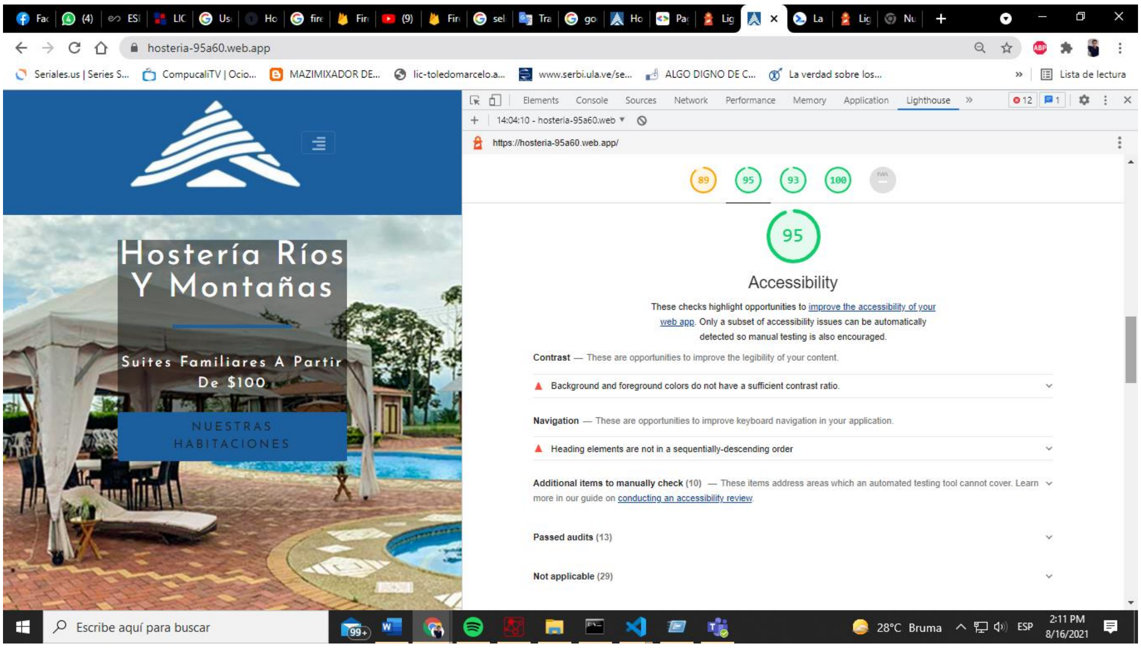
These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. Learn more.

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.

Passed audits (11)

Not applicable (3)

Accessibility checks for common issues that might prevent multiple users from accessing content.



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95

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Contrast — These are opportunities to improve the legibility of your content.

▲ Background and foreground colors do not have a sufficient contrast ratio.

Navigation — These are opportunities to improve keyboard navigation in your application.

▲ Heading elements are not in a sequentially-descending order

Additional items to manually check (10) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

Passed audits (13)

Not applicable (29)