

LAPORAN TUGAS PROJECT KEAMANAN APLIKASI

Aplikasi e-commerce umkm oleh-oleh khas lampung berbasis web



Disusun Oleh :

ANGGOTA KELOMPOK :

- | | | |
|--------------------|--------------|------------|
| - Ahmad Azrul | - 22312005PM | - BackEnd |
| - Laras Amelia | - 22311021PM | - FrontEnd |
| - Lailatun Ni'mah | - 22412002PM | - UI/UX |
| - Gina Ayu Puspita | - 22312001PM | - Testing |

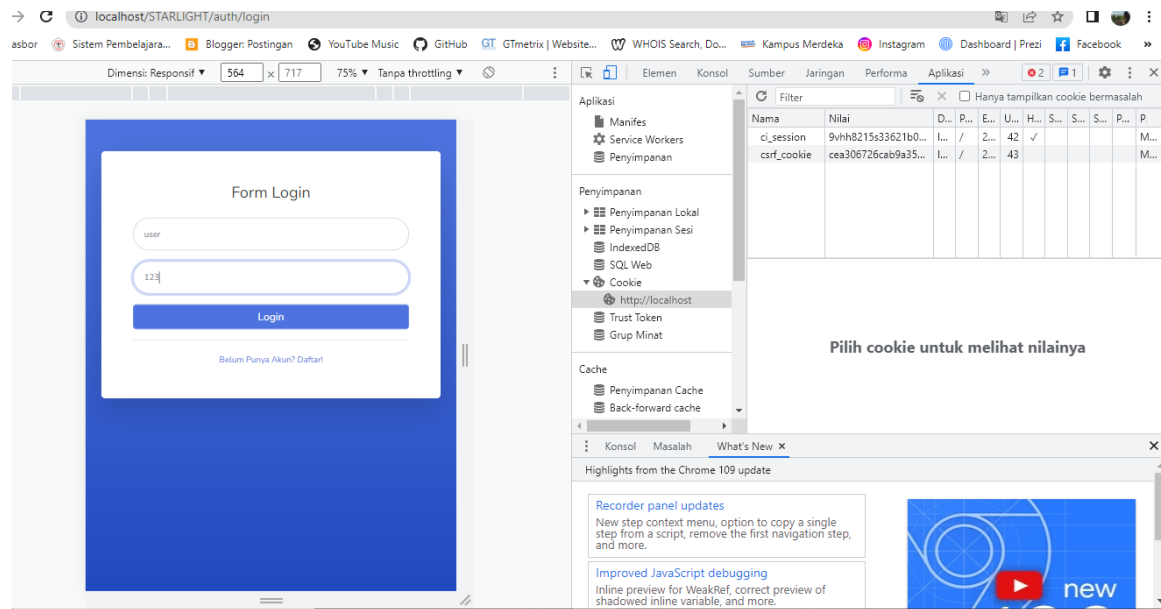
Universitas Teknokrat Indonesia

Jl. ZA. Pagar Alam No.9 -11, Labuhan Ratu, Kec. Kedaton, Kota Bandar Lampung, Lampung
35132

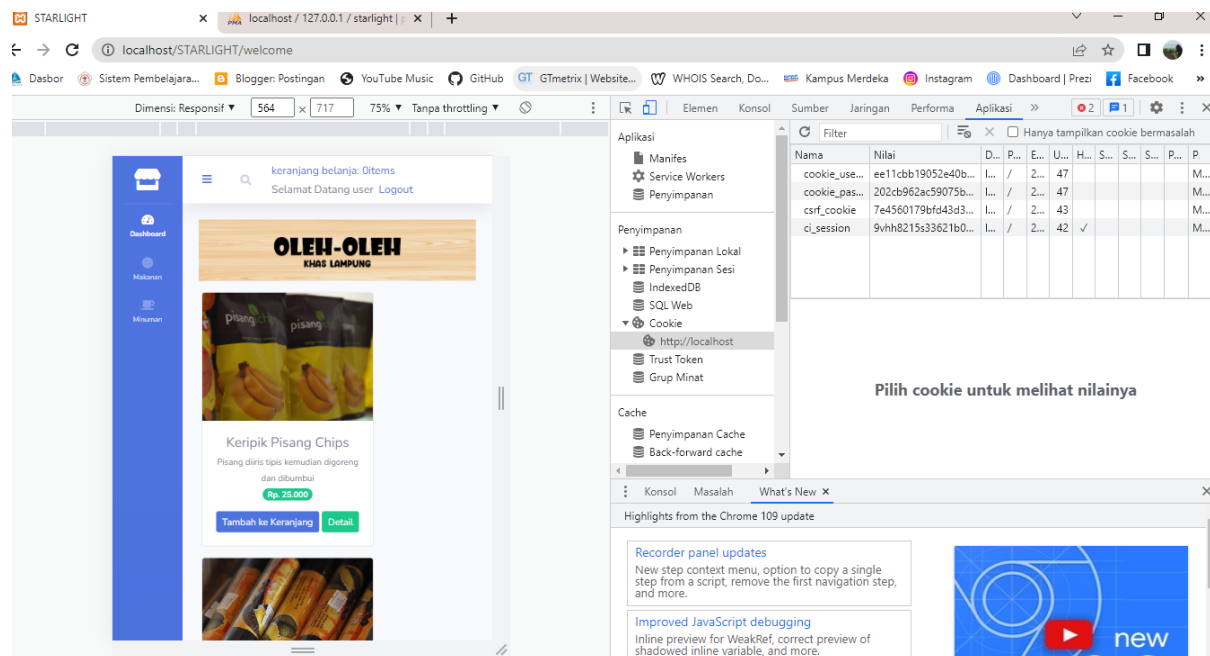
Ahmad Azrul

22312005PM

Cookies

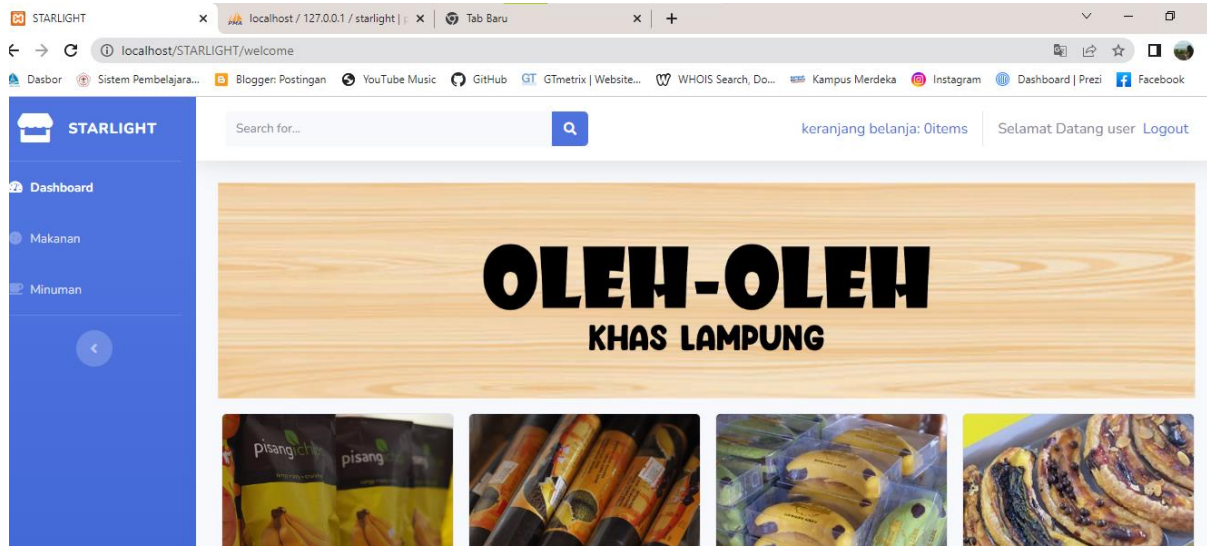


Sebelum login cookie tidak ada.



Setelah login munculah cookie. Cookie untuk menyimpan informasi username dan password, untuk value saya menggunakan kode md5 untuk username dan password.

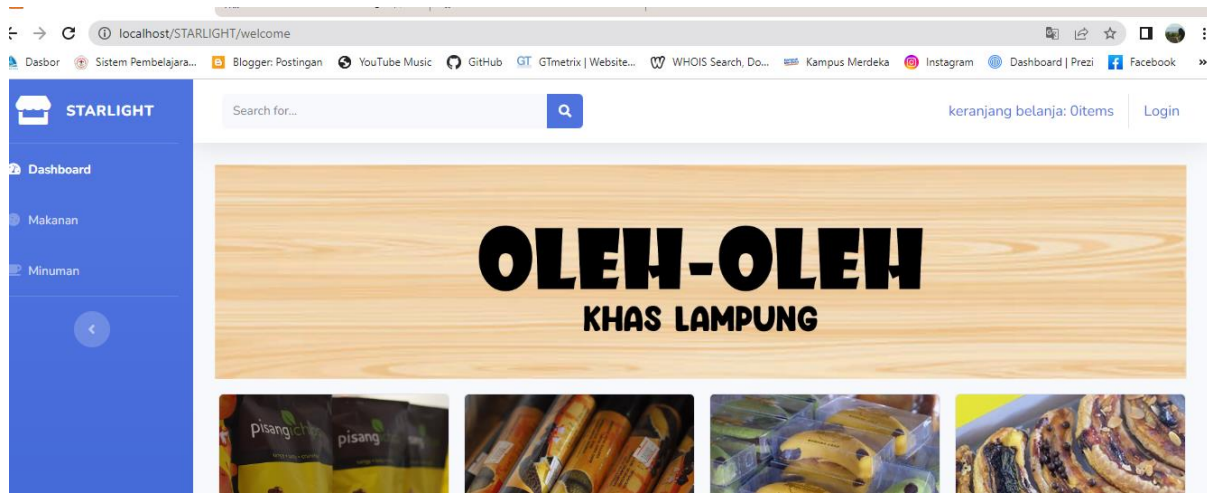
Session



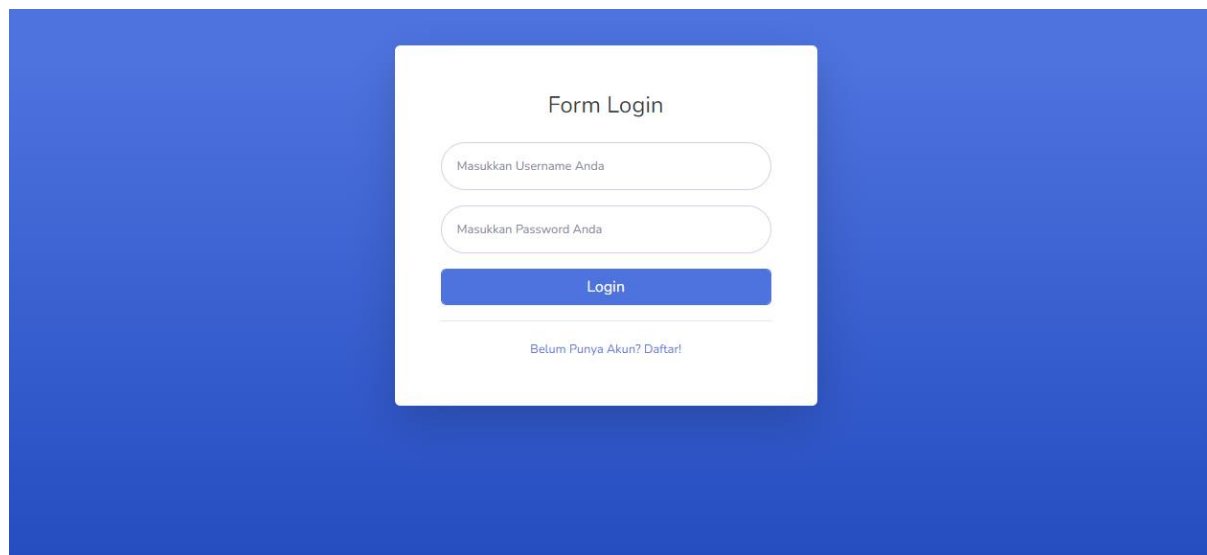
Di session ini diatur 20detik.

```
STARLIGHT
├── application
│   ├── cache
│   ├── config
│   │   ├── autoload.php
│   │   ├── config.php
│   │   ├── constants.php
│   │   ├── database.php
│   │   ├── doctypes.php
│   │   ├── foreign_chars.php
│   │   ├── hooks.php
│   │   ├── index.html
│   │   ├── memcached.php
│   │   ├── migration.php
│   │   ├── mimes.php
│   │   ├── profiler.php
│   │   ├── routes.php
│   │   ├── smileys.php
│   │   ├── user_agents.php
│   ├── controllers
│   ├── core
│   ├── helpers
│   ├── hooks
│   ├── language
└── application > config > config.php
362
363 | WARNING: If you're using the database driver, don't forget
364 | your session table's PRIMARY KEY when changing th
365 |
366 | 'sess_time_to_update'
367 |
368 | How many seconds between CI regenerating the session ID.
369 |
370 | 'sess_regenerate_destroy'
371 |
372 | Whether to destroy session data associated with the old se
373 | when auto-regenerating the session ID. When set to FALSE,
374 | will be later deleted by the garbage collector.
375 |
376 | Other session cookie settings are shared with the rest of th
377 | except for 'cookie_prefix' and 'cookie_httponly', which are
378 |
379 | */
380 $config['sess_driver'] = 'files';
381 $config['sess_cookie_name'] = 'ci_session';
382 $config['sess_expiration'] = 20;
383 $config['sess_save_path'] = NULL;
384 $config['sess_match_ip'] = FALSE;
385 $config['sess_time_to_update'] = 300;
386 $config['sess_regenerate_destroy'] = FALSE;
387
388 /*
389
```

Untuk session kita coba untuk sess_expiration di set 20detik terlebih dahulu. Session untuk saat ini kita atur 3600 detik



Setelah di refresh 20 detik, akan kembali ke login



Menambahkan Login untuk memasuki website tersebut dan untuk admin juga dapat lewat form login tersebut juga.

Laras Amelia

22311021

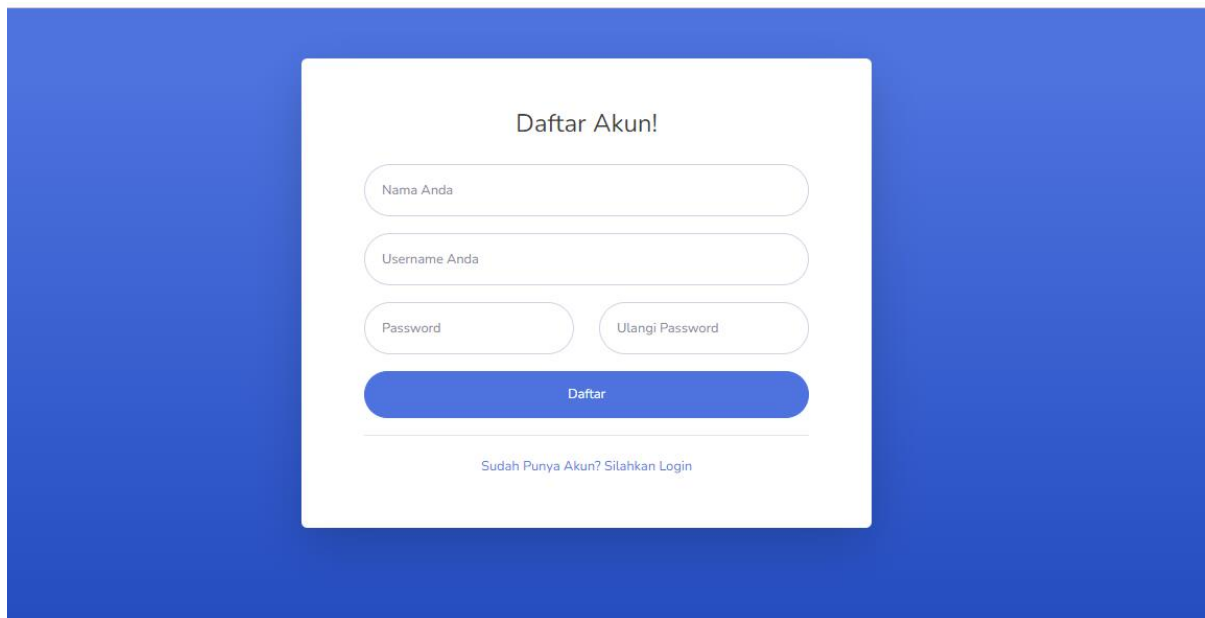
The image shows a registration form titled "Daftar Akun!" centered on a blue background. The form is a white rounded rectangle containing the following elements:

- A title "Daftar Akun!" in bold black text.
- A text input field labeled "Nama Anda".
- A text input field labeled "Username Anda".
- Two text input fields side-by-side: "Password" and "Ulangi Password".
- A large blue button with the text "Daftar" in white.
- A link at the bottom that reads "Sudah Punya Akun? Silahkan Login".

Daftar akun digunakan user untuk mendaftar sebagai pelanggan aplikasi. Terdapat fitur pengisian nama, username, dan password.

Lailatun Ini'mah

22412002PM



The image shows a registration form titled "Daftar Akun!" centered on a solid blue background. The form is contained within a white rectangular box with rounded corners. It features four input fields: "Nama Anda", "Username Anda", "Password", and "Ulangi Password". Below these fields is a blue button labeled "Daftar". At the bottom of the form, there is a link that says "Sudah Punya Akun? Silahkan Login".

Daftar Akun!

Nama Anda

Username Anda

Password

Ulangi Password

Daftar

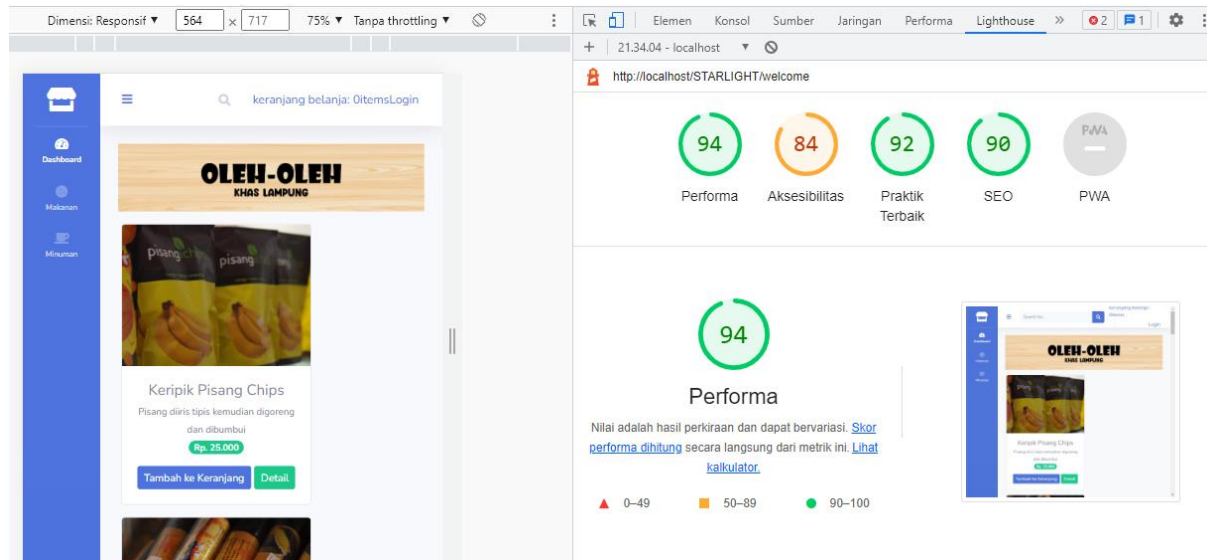
[Sudah Punya Akun? Silahkan Login](#)

Disini Menggunakan baground warna biru

Gina Ayu Puspita

22312001PM

TESTING

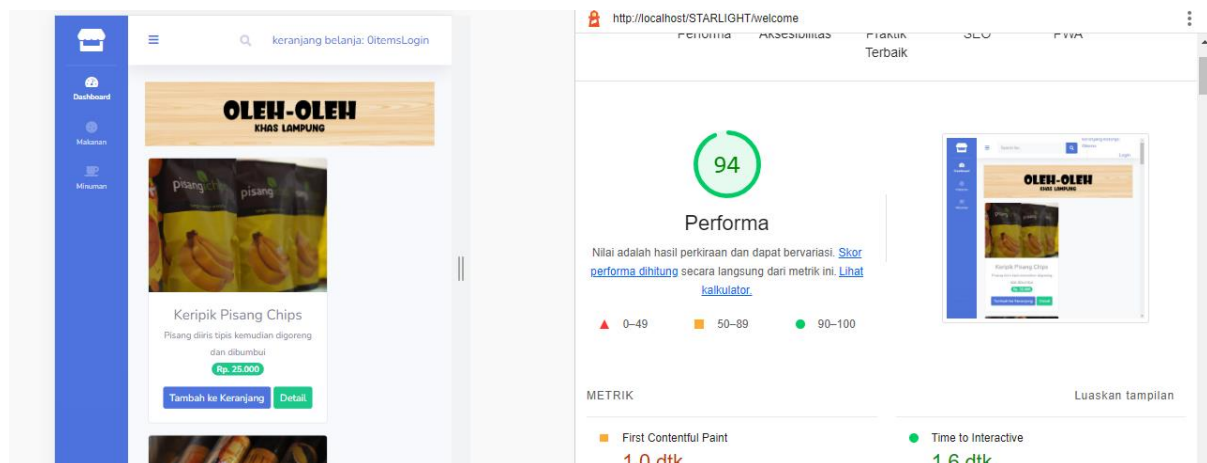


Performa 94%

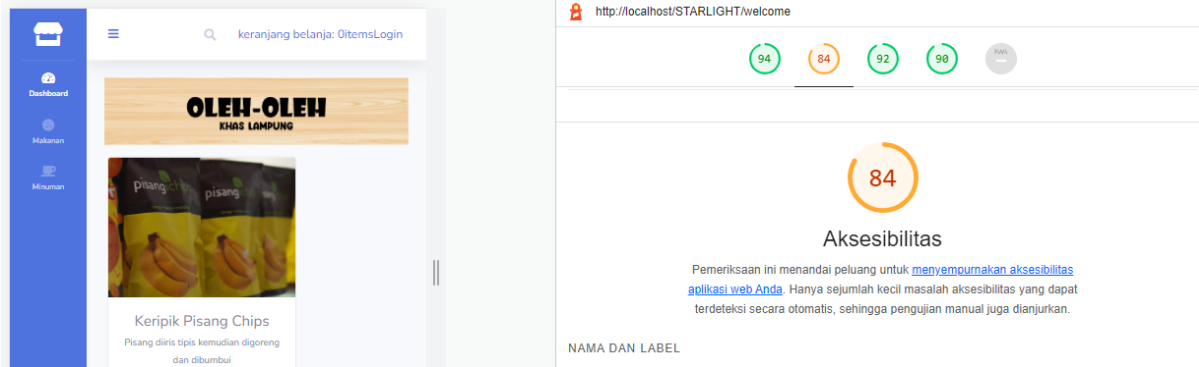
Aksesibilitas 84%

Praktik Terbaik 92%

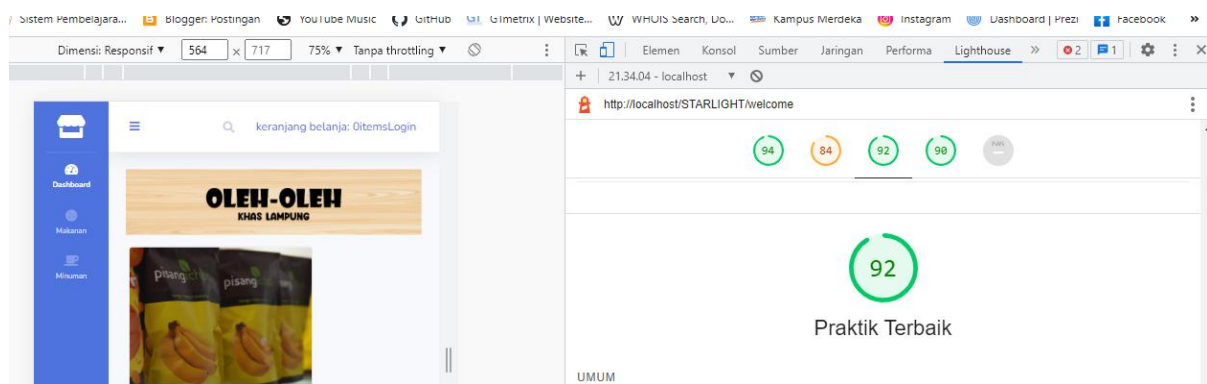
SEO 90%



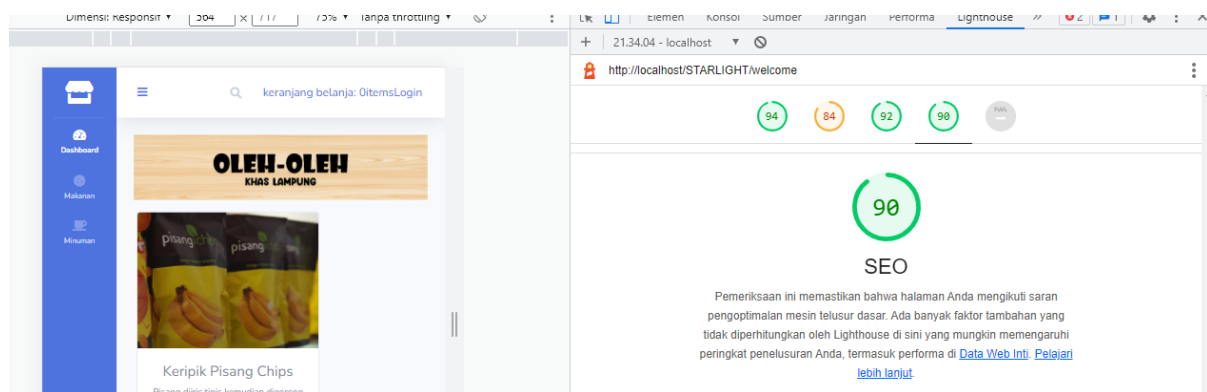
Performa dinilai pemuatan halaman menjadi lebih cepat.



Aksesibilitas menangani area yang tidak dapat dicakup oleh fitur pengujian dan menyempurnakan pengalaman membaca data dalam format tabel.

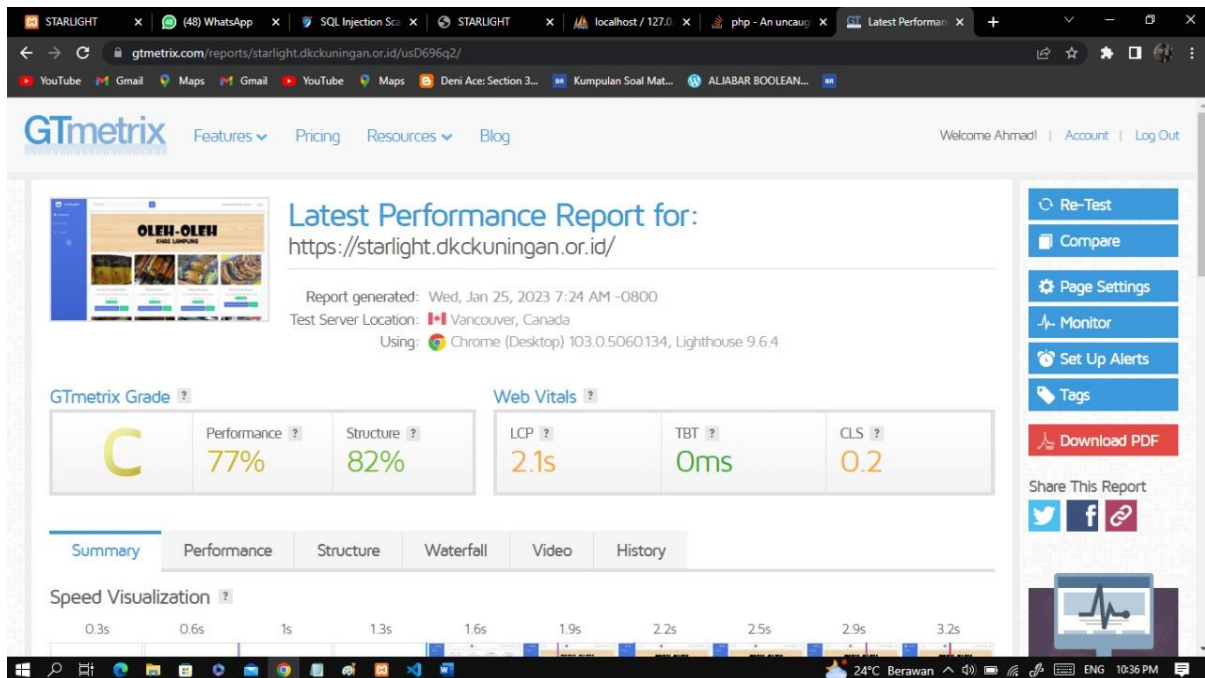


Praktik terbaik menampilkan gambar dengan resolusi yang tinggi.



SEO pengoptimalan kode status http, dan pengoptimalan dll.

GTMETRIX



Top Issues

All FCP LCP TBT CLS These audits are identified as the top issues impacting **your performance**.

IMPACT

AUDIT

Med

Eliminate render-blocking resources FCP LCP

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

[Learn how to improve this](#)

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
https://starlight.dkckuningan.or.id/assets/vendor/fontawesome-free/css/all.min.css	12.2KB	408ms
https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600,600i,700,700i,800,800i,900,900i	1.27KB	751ms
https://starlight.dkckuningan.or.id/assets/css/sb-admin-2.min.css	23.8KB	408ms









- Sumber daya memblokir cat halaman pertama

gtmetrix.com/reports/starlight.dkckuningan.or.id/z91q3rb//?cached=1

Dasbor Sistem Pembelajaran... Blogger: Postingan YouTube Music GitHub GTmetrix | Website... WHOIS Search, Do... Kampus Merdeka Instagram

Med Properly size images

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
 https://starlight.dkckuningan.or.id/assets/img/slider1.jpg	148KB	129KB
 https://starlight.dkckuningan.or.id/uploads/kopilada.jpg	138KB	123KB
 https://starlight.dkckuningan.or.id/uploads/kopirobusta.jpg	122KB	109KB
 https://starlight.dkckuningan.or.id/uploads/stickcoklat.jpg	119KB	106KB
 https://starlight.dkckuningan.or.id/uploads/basreng.jpg	126KB	106KB
 https://starlight.dkckuningan.or.id/uploads/kopiluwak.jpg	119KB	106KB
 https://starlight.dkckuningan.or.id/uploads/hazelnut.jpg	117KB	104KB
 https://starlight.dkckuningan.or.id/uploads/piepisangbesar.jpg	119KB	100KB

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

[See all Structure audits](#)

- Menyajikan gambar dengan ukuran yang sesuai menghemat data seluler dan meningkatkan waktu

Med Serve static assets with an efficient cache policy

A long cache lifetime can speed up repeat visits to your page. [Learn how to improve this](#)

URL	CACHE TTL	TRANSFER SIZE
https://starlight.dkckuningan.or.id/assets/img/slider1.jpg	none	148KB
https://starlight.dkckuningan.or.id/uploads/kopilada.jpg	none	138KB
https://starlight.dkckuningan.or.id/uploads/basreng.jpg	none	126KB
https://starlight.dkckuningan.or.id/uploads/kopirobusta.jpg	none	122KB
https://starlight.dkckuningan.or.id/uploads/stickcoklat.jpg	none	119KB
https://starlight.dkckuningan.or.id/uploads/kopiluwak.jpg	none	119KB
https://starlight.dkckuningan.or.id/uploads/piepisangbesar.jpg	none	119KB
https://starlight.dkckuningan.or.id/uploads/hazelnut.jpg	none	117KB
https://starlight.dkckuningan.or.id/uploads/coklat.jpg	none	111KB
https://starlight.dkckuningan.or.id/assets/img/slider2.jpg	none	104KB
https://starlight.dkckuningan.or.id/uploads/tokyobanana.jpg	none	100KB
https://starlight.dkckuningan.or.id/uploads/pancakedurian.jpg	none	98KB
https://starlight.dkckuningan.or.id/uploads/dodolduren.jpg	none	93.7KB
https://starlight.dkckuningan.or.id/uploads/keripikpisangchipo.jpg	none	78.1KB
https://starlight.dkckuningan.or.id/assets/vendor/fontawesome-free/webfonts/fa-solid-900.woff2	none	76.5KB
https://starlight.dkckuningan.or.id/assets/vendor/chart.js/Chart.min.js	none	49.6KB
https://starlight.dkckuningan.or.id/assets/vendor/jquery/jquery.min.js	none	29.6KB
https://starlight.dkckuningan.or.id/assets/css/sb-admin-2.min.css	none	23.8KB
https://starlight.dkckuningan.or.id/assets/vendor/bootstrap/js/bootstrap.bundle.min.js	none	20.5KB
https://starlight.dkckuningan.or.id/assets/vendor/fontawesome-free/css/all.min.css	none	12.2KB

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

[See all Structure audits](#)

- Masa pakai cache yang lama dapat mempercepat kunjungan berulang ke halaman.

Med-Low Use a Content Delivery Network (CDN) ^

CDNs can give an equally fast web experience to your users across the globe. [Learn how to improve this](#)

improving the audits seen here help as a starting point for overall performance gains. [See all Structure audits](#)

URL

- <https://starlight.dkckuningan.or.id/assets/vendor/fontawesome-free/css/all.min.css>
- <https://starlight.dkckuningan.or.id/assets/css/sb-admin-2.min.css>
- <https://starlight.dkckuningan.or.id/assets/img/slider1.jpg>
- <https://starlight.dkckuningan.or.id/assets/img/slider2.jpg>
- <https://starlight.dkckuningan.or.id/uploads/keripikpisangchip.jpg>
- <https://starlight.dkckuningan.or.id/uploads/dodolduren.jpg>
- <https://starlight.dkckuningan.or.id/uploads/tokyobanana.jpg>
- <https://starlight.dkckuningan.or.id/uploads/piepisangbesar.jpg>
- <https://starlight.dkckuningan.or.id/uploads/basreng.jpg>
- <https://starlight.dkckuningan.or.id/uploads/coklat.jpg>
- <https://starlight.dkckuningan.or.id/uploads/hazelnut.jpg>
- <https://starlight.dkckuningan.or.id/uploads/kopilada.jpg>
- <https://starlight.dkckuningan.or.id/uploads/kopiluwak.jpg>
- <https://starlight.dkckuningan.or.id/uploads/kopirobusta.jpg>
- <https://starlight.dkckuningan.or.id/uploads/pancakedurian.jpg>
- <https://starlight.dkckuningan.or.id/uploads/stickcoklat.jpg>
- <https://starlight.dkckuningan.or.id/assets/vendor/jquery/jquery.min.js>
- <https://starlight.dkckuningan.or.id/assets/vendor/bootstrap/js/bootstrap.bundle.min.js>
- <https://starlight.dkckuningan.or.id/assets/vendor/jquery-easing/jquery.easing.min.js>
- <https://starlight.dkckuningan.or.id/assets/js/sb-admin-2.min.js>
- <https://starlight.dkckuningan.or.id/assets/vendor/chart.js/Chart.min.js>

- CDN dapat memberikan pengalaman web yang sama cepatnya pengguna.

Dasbor Sistem Pembelajaran... Blogger: Postingan YouTube Music GitHub GTmetrix | Website... WHOIS Search, Do... Kampus Merdeka Instagram

Med-Low Avoid large layout shifts **CLS** 5 elements found ^ [See all Structure audits](#)

These DOM elements contribute most to the CLS of the page. [Learn how to improve this](#)

ELEMENT	CLS CONTRIBUTION
Keripik Pisang Chips Pisang diiris tipis kemudian digoreng dan dibumbui Rp. 25.... <div class="row text-center mt-3">	0.11
Dodol Duren Lempok yang dibuat dengan bahan durian Rp. 18.000 Tambah ke Keranja... <div class="card-body">	0.01
Tokyo Banana Kue yang di dalamnya diisi dengan krim pisang Rp. 11.000 Tambah ke... <div class="card-body">	0.01
Pie Pisang Besar Pie yang dicetak berbentuk pisang Rp. 50.000 Tambah ke Keranja... <div class="card-body">	0.01
Basreng Keripik yang terbuat dari olahan bakso ikan yang diiris tipis Rp. 29.50... <div class="card-body">	0.01

- Kontribusi paling besar pada halaman CLS

Link website yang telah di hosting

<https://starlight.dkckuningan.or.id/>

Untuk saat ini halaman admin saat ini masih belum bisa di akses

