http://localhost/master/

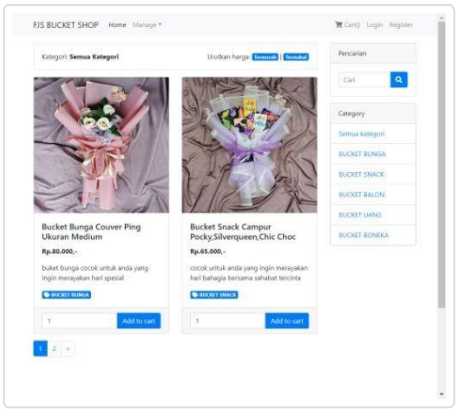
Performance	Accessibility	Best Practices	SEO	PWA
100	83	92	100	—

100

Performance

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

▲ 0–49 50–89 90–100

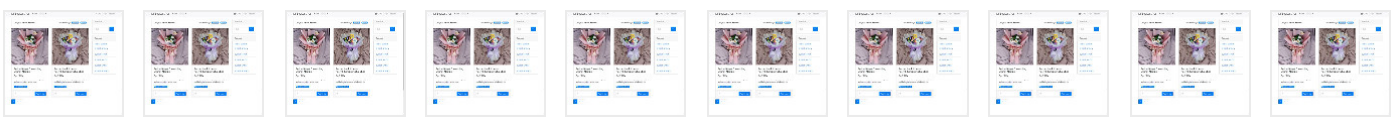


METRICS

Expand view

First Contentful Paint	Time to Interactive
0.5 s	0.5 s
Speed Index	**Total Blocking Time**
0.5 s	0 ms
Largest Contentful Paint	**Cumulative Layout Shift**
0.5 s	0

View Original Trace View Treemap



Show audits relevant to: All FCP TBT LCP CLS

OPPORTUNITIES

Opportunity	Estimated Savings
Eliminate render-blocking resources	0.27 s

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

DIAGNOSTICS

- ▲ Image elements do not have explicit `width` and `height`
- ▲ Serve static assets with an efficient cache policy — 4 resources found
- ○ Avoid chaining critical requests — 7 chains found
- ○ Keep request counts low and transfer sizes small — 11 requests • 296 KiB
- ○ Largest Contentful Paint element — 1 element found
- ○ Avoid large layout shifts — 4 elements found

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

PASSED AUDITS (33)

Show

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.

NAMES AND LABELS

- ▲ Buttons do not have an accessible name
- ▲ Form elements do not have associated labels

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

CONTRAST

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

These are opportunities to improve the legibility of your content.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (17) Show

NOT APPLICABLE (24) Show

Best Practices

TRUST AND SAFETY

- ▲ Includes front-end JavaScript libraries with known security vulnerabilities — 6 vulnerabilities detected
- ○ Ensure CSP is effective against XSS attacks

GENERAL

- ○ Detected JavaScript libraries

PASSED AUDITS (12) Show

NOT APPLICABLE (1) Show

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

ADDITIONAL ITEMS TO MANUALLY CHECK (1) Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (11) Show

NOT APPLICABLE (3) Show

PWA

These checks validate the aspects of a Progressive Web App. Learn more.

INSTALLABLE

- ▲ Web app manifest or service worker do not meet the installability requirements — 1 reason

PWA OPTIMIZED

- ▲ Does not register a service worker that controls page and `start_url`
- ▲ Is not configured for a custom splash screen Failures: No manifest was fetched.
- ▲ Does not set a theme color for the address bar.
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.
- ○ Content is sized correctly for the viewport
  - Has a `<meta name="viewport">` tag with `width` or `initial-scale`
- ▲ Does not provide a valid `apple-touch-icon`
- ▲ Manifest doesn't have a maskable icon No manifest was fetched

ADDITIONAL ITEMS TO MANUALLY CHECK (3) Show

These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at Dec 14, 2022, 8:50 PM GMT+7	Emulated Desktop with Lighthouse 9.6.6	Single page load
Initial page load	Custom throttling	Using Chromium 108.0.0.0 with devtools

Generated by **Lighthouse** 9.6.6 | File an issue

http://localhost/master/login

100 98 92 100 PWA

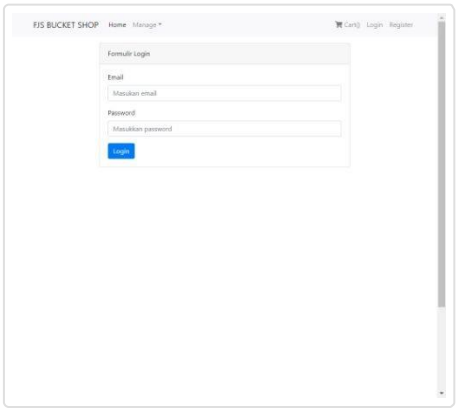
Performance	Accessibility	Best Practices	SEO	PWA
100	98	92	100	—

100

Performance

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

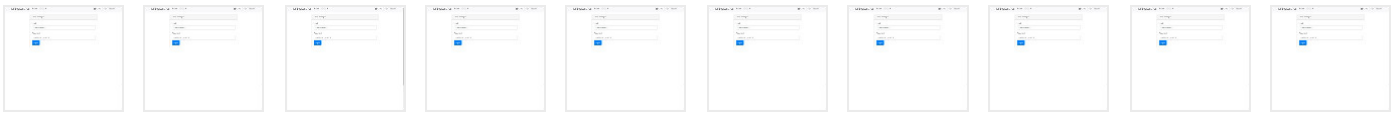
▲ 0–49 50–89 90–100



METRICS Expand view

First Contentful Paint 0.5 s	Time to Interactive 0.5 s
Speed Index 0.5 s	Total Blocking Time 0 ms
Largest Contentful Paint 0.5 s	Cumulative Layout Shift 0

View Original Trace View Treemap



Show audits relevant to: All FCP TBT LCP CLS

DIAGNOSTICS

- Avoid chaining critical requests — 7 chains found
- Keep request counts low and transfer sizes small — 9 requests • 159 KiB
- Largest Contentful Paint element — 1 element found
- Avoid large layout shifts — 1 element found

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

PASSED AUDITS (36) Show

98

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

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

These are opportunities to improve the legibility of your content.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (17) Show

NOT APPLICABLE (26) Show

92

Best Practices

TRUST AND SAFETY

- ▲ Includes front-end JavaScript libraries with known security vulnerabilities — 6 vulnerabilities detected
- ○ Ensure CSP is effective against XSS attacks

GENERAL

- ○ Detected JavaScript libraries

PASSED AUDITS (12) Show

NOT APPLICABLE (1) Show

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

ADDITIONAL ITEMS TO MANUALLY CHECK (1) Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (10) Show

NOT APPLICABLE (4) Show

PWA

These checks validate the aspects of a Progressive Web App. Learn more.

INSTALLABLE

- ▲ Web app manifest or service worker do not meet the installability requirements — 1 reason

PWA OPTIMIZED

- ▲ Does not register a service worker that controls page and `start_url`
- ▲ Is not configured for a custom splash screen Failures: No manifest was fetched.
- ▲ Does not set a theme color for the address bar.
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.
- ○ Content is sized correctly for the viewport
  - Has a `<meta name="viewport">` tag with `width` or `initial-scale`
- ▲ Does not provide a valid `apple-touch-icon`
- ▲ Manifest doesn't have a maskable icon No manifest was fetched

ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Show

These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at Dec 14, 2022, 8:47 PM GMT+7
Initial page load

Emulated Desktop with Lighthouse 9.6.6
Custom throttling

Single page load

Using Chromium 108.0.0.0 with devtools

Generated by **Lighthouse** 9.6.6 | File an issue

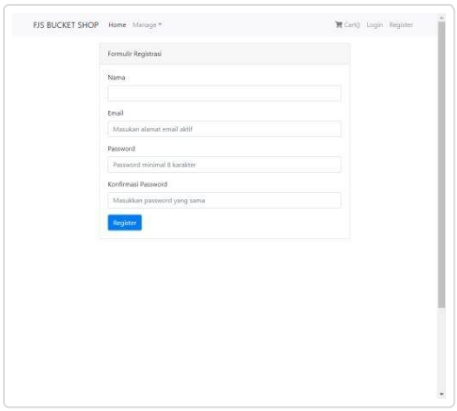
Performance	Accessibility	Best Practices	SEO	PWA
100	90	92	100	—

100

Performance

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

▲ 0–49 50–89 90–100

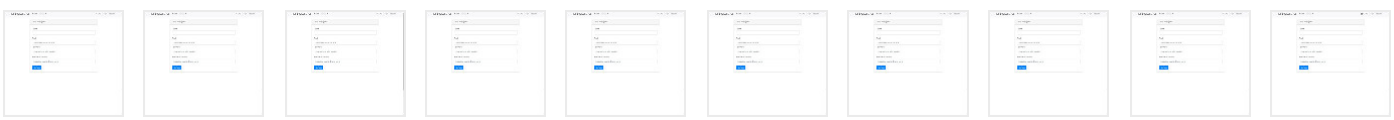


METRICS

Expand view

First Contentful Paint 0.5 s	Time to Interactive 0.5 s
Speed Index 0.5 s	Total Blocking Time 0 ms
Largest Contentful Paint 0.5 s	Cumulative Layout Shift 0

View Original Trace View Treemap



Show audits relevant to: All FCP TBT LCP CLS

DIAGNOSTICS

- Avoid chaining critical requests — 7 chains found

- Keep request counts low and transfer sizes small — 9 requests • 160 KiB
- Largest Contentful Paint element — 1 element found
- Avoid large layout shifts — 1 element found

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

PASSED AUDITS (36) Show

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.

NAMES AND LABELS

- Form elements do not have associated labels

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

CONTRAST

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

These are opportunities to improve the legibility of your content.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (16) Show

NOT APPLICABLE (26) Show

92

Best Practices

TRUST AND SAFETY

- ▲ Includes front-end JavaScript libraries with known security vulnerabilities — 6 vulnerabilities detected
- ○ Ensure CSP is effective against XSS attacks

GENERAL

- ○ Detected JavaScript libraries

PASSED AUDITS (12)

Show

NOT APPLICABLE (1)

Show

100

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (10)

Show

NOT APPLICABLE (4)

Show

PWA

These checks validate the aspects of a Progressive Web App. Learn more.

INSTALLABLE

- ▲ Web app manifest or service worker do not meet the installability requirements — 1 reason

PWA OPTIMIZED

- ▲ Does not register a service worker that controls page and `start_url`
- ▲ Is not configured for a custom splash screen Failures: No manifest was fetched.
- ▲ Does not set a theme color for the address bar.
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.
- ○ Content is sized correctly for the viewport
  - Has a `<meta name="viewport">` tag with `width` or `initial-scale`
- ▲ Does not provide a valid `apple-touch-icon`
- ▲ Manifest doesn't have a maskable icon No manifest was fetched

ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Show

These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at Dec 14, 2022, 8:51 PM GMT+7
Initial page load

Emulated Desktop with Lighthouse 9.6.6
Custom throttling

Single page load

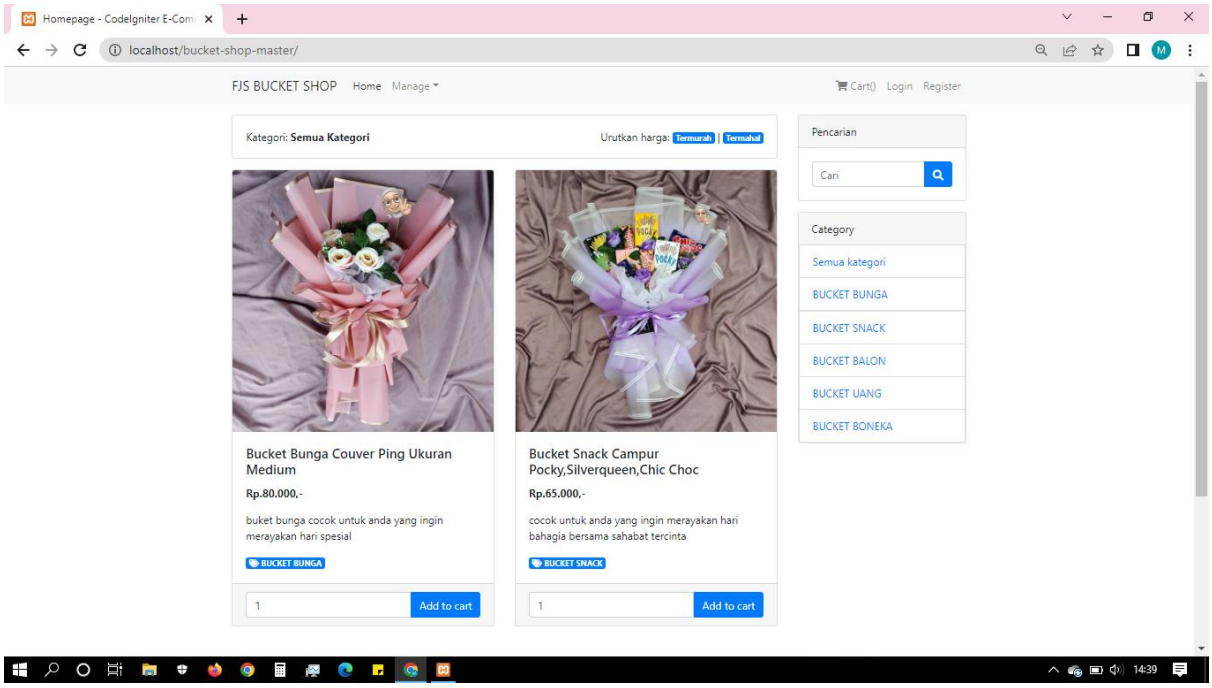
Using Chromium 108.0.0.0 with devtools

Generated by **Lighthouse** 9.6.6 | File an issue

Berikut adalah hasil dari testing aplikasi FJS-Bucket-Shop berdasarkan page home, login, dan register.
Menurut hasil diatas masing -masing page memiliki hasil rata-rata performa mencapai sekitar 100% dan accesbillity rata-rata 90% dengan kata lain aplikasi ini dapat diakses dan diggunakan dengan cepat.
Untuk kelemahan aplikasi ini kurangnya color background dan foreground masih black and white
Dan untuk akses aplikasi ini masih dilakukan secara local.

Penjelasan UI/UX dan Frontend

1. FORM HOME



- Fitur Home

Untuk menampilkan bagian beranda yang berisi menu-menu.

- Fitur Manage

Fitur Manage terdiri dari kategori, produk, order dan pengguna.

- Fitur Cart

Untuk menampung barang-barang belanjaan secara sementara, sebelum dicheckout.

- Fitur Login

Untuk mengatur proses identefikasi yang terdiri dari email dan password.

- Fitur Register

Untuk mendaftar akun yang berisi identitas seperti nama, email dan password.

- Fitur Harga

Untuk mengelompokkan tingkat harga. Di web tersebut terdapat tombol termurah yang akan menampilkan bucket-bucket dengan harga yang termurah sedangkan tombol termahal akan menampilkan bucket-bucket dengan harga yang termahal.

- Fitur Cari

Untuk melakukan pencarian pada product.

- Fitur Add to chart

Untuk menambahkan bukcket atau product ke dalam keranjang belanja.

- Fitur semua kategori

Untuk menampilkan bucket sesuai kategori.

- Fitur Bucket Bunga

Berisi bucket-bucket bunga yang akan dimasukan ke dalam keranjang belanja.

- Fitur Bucket Snack

Berisi bucket-bucket snack yang akan dimasukan ke dalam keranjang belanja.

- Fitur Bucket Balon

Berisi bucket-bucket balon yang akan dimasukan ke dalam keranjang belanja.

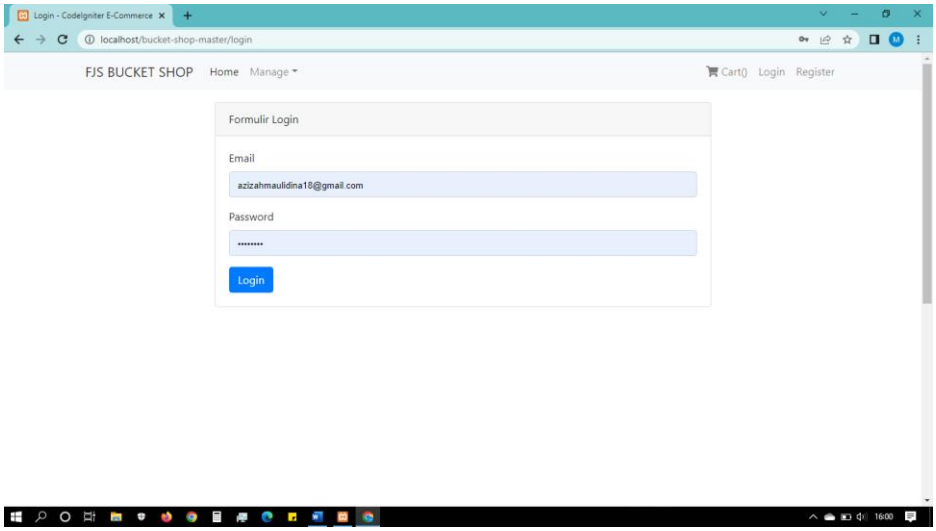
- Fitur Bucket Uang

Berisi bucket-bucket uang yang akan dimasukan ke dalam keranjang belanja.

- Fitur Bucket Boneka

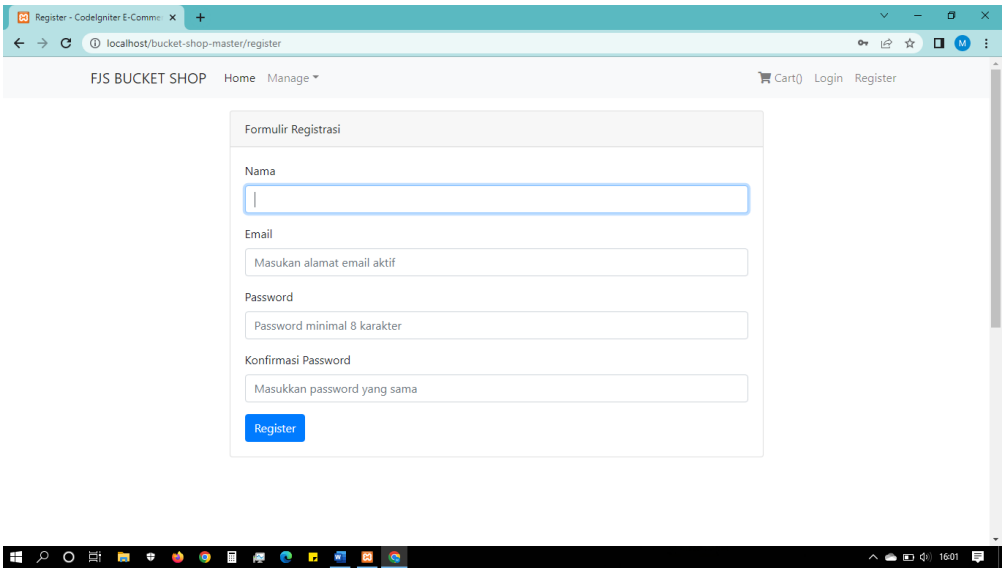
Berisi bucket-bucket boneka yang akan dimasukan ke dalam keranjang belanja.

2. FORM LOGIN



Form Login merupakan halaman yang berisi email dan password sebagai akses untuk masuk ke dalam aplikasi.

3. FORM REGISTER

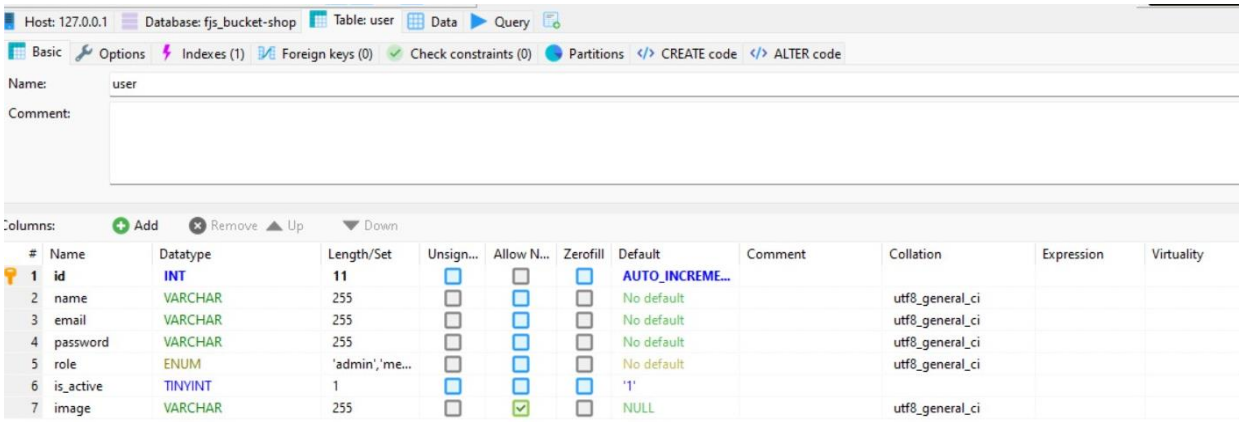


Form Register merupakan halaman untuk membuat akun dan harus mengisi data diri seperti nama, email dan password.

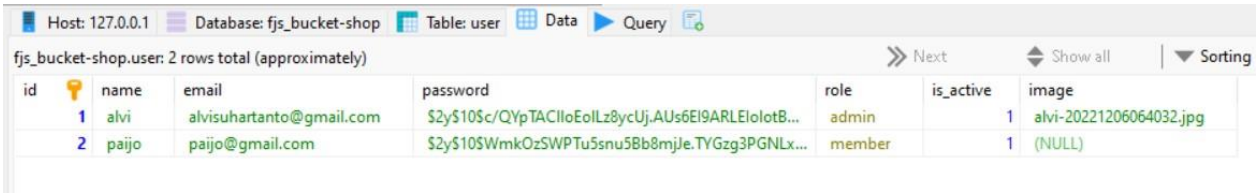
BACK END: PENJELASAN ISI DATA BASE

1. TABEL USER PADA DB_FJS_BUCKET-SHOP

Berguna untuk menyimpan data register untuk dapat login ke dalam sebuah aplikasi yang sedang kami buat.

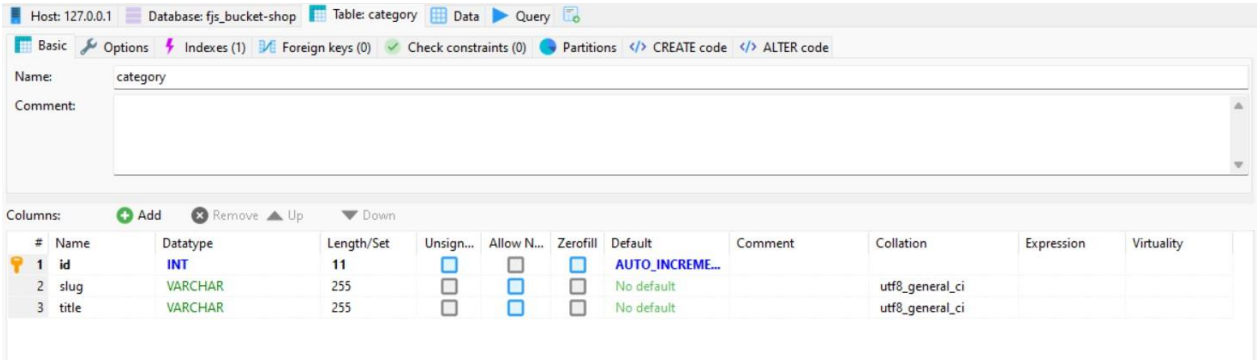


Tampilan data di bawah adalah yang ada di dalam table user yang mana sudah di setting sebelim nya untuk user admin dan penguna default nya.

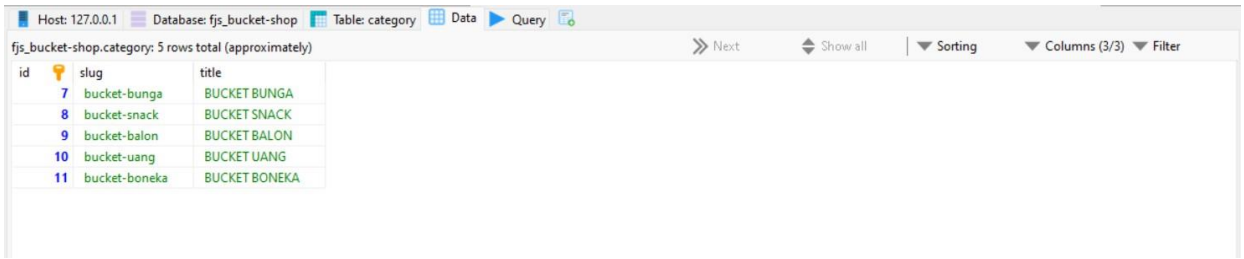


2. TABEL CATEGORY PADA DB_FJS_BUCKET-SHOP

Berguna untuk menyimpan data sub category pada web untuk dapat diakses ke dalam sebuah tampilan home aplikasi yang sedang kami buat.

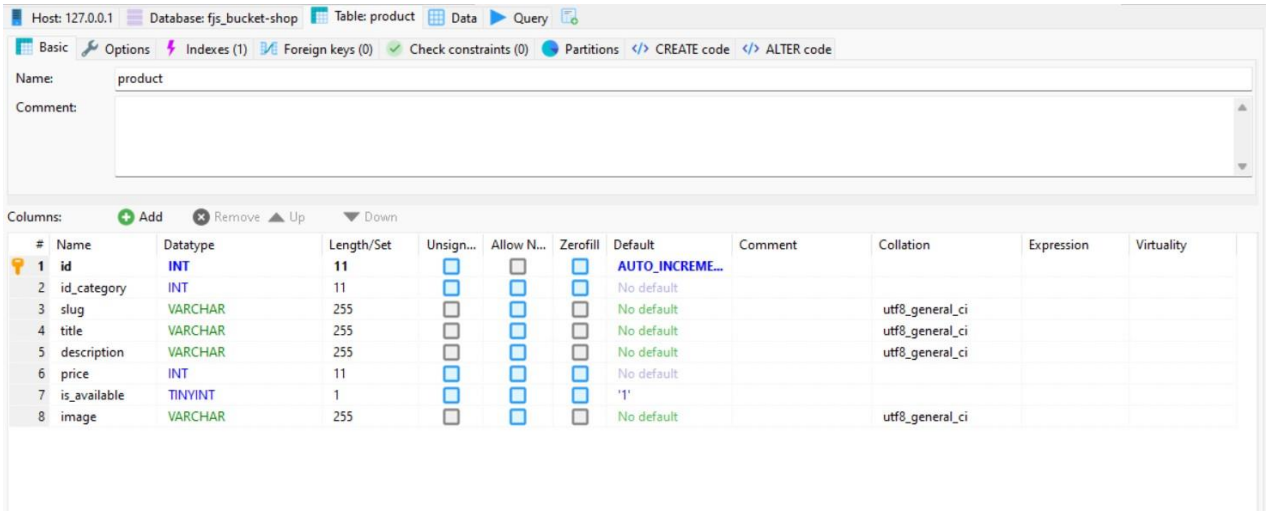


Tampilan data category di bawah adalah yang ada di dalam table category yang mana sudah di setting sebelum nya untuk mununjang tampilan pada home di bagian category.



3. TABEL PRODUCT PADA DB_FJS_BUCKET-SHOP

Berguna untuk menyimpan data foto product pada web untuk dapat diakses ke dalam sebuah tampilan home aplikasi yang sedang kami buat.



Host: 127.0.0.1 | Database: fjs_bucket-shop | Table: product | Data | Query

Basic | Options | Indexes (1) | Foreign keys (0) | Check constraints (0) | Partitions | CREATE code | ALTER code

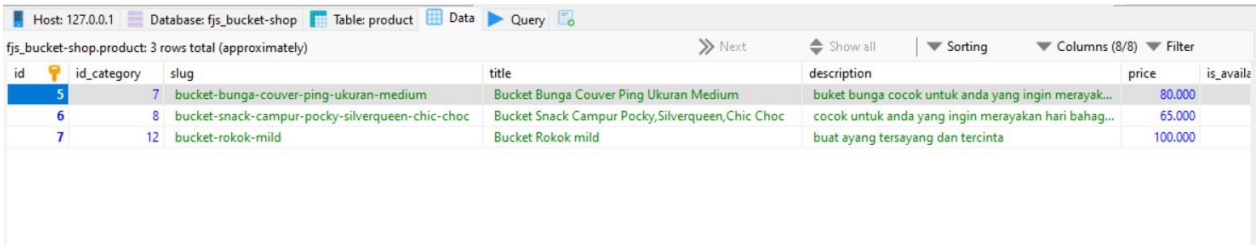
Name: product

Comment:

Columns: Add | Remove | Up | Down

#	Name	Datatype	Length/Set	Unsign...	Allow N...	Zerofill	Default	Comment	Collation	Expression	Virtuality
1	id	INT	11	☐	☐	☐	AUTO_INCREME...				
2	id_category	INT	11	☐	☐	☐	No default				
3	slug	VARCHAR	255	☐	☐	☐	No default		utf8_general_ci		
4	title	VARCHAR	255	☐	☐	☐	No default		utf8_general_ci		
5	description	VARCHAR	255	☐	☐	☐	No default		utf8_general_ci		
6	price	INT	11	☐	☐	☐	No default				
7	is_available	TINYINT	1	☐	☐	☐	'1'				
8	image	VARCHAR	255	☐	☐	☐	No default		utf8_general_ci		

Tampilan data product di bawah adalah yang ada di dalam table product yang mana sudah di setting sebelum nya untuk menunjang tampilan pada home di bagian foto product serta deskripsinya.



Host: 127.0.0.1 | Database: fjs_bucket-shop | Table: product | Data | Query

fjs_bucket-shop.product: 3 rows total (approximately) | Next | Show all | Sorting | Columns (8/8) | Filter

id	id_category	slug	title	description	price	is_availa
5	7	bucket-bunga-couver-ping-ukuran-medium	Bucket Bunga Couver Ping Ukuran Medium	buket bunga cocok untuk anda yang ingin merayak...	80.000	
6	8	bucket-snack-campur-pocky-silverqueen-chic-choc	Bucket Snack Campur Pocky,Silverqueen,Chic Choc	cocok untuk anda yang ingin merayakan hari bahag...	65.000	
7	12	bucket-rokok-mild	Bucket Rokok mild	buat ayang tersayang dan tercinta	100.000	