

UAS

Service Oriented Architecture



Dosen Pengampu:

ESTIYAN DWIPPRIYOKO, S.KOM., MT

Disusun Oleh:

Nur Kholis Aprianto

41155050190009

Teknik Informatika B

UNIVERSITAS LANGLANGBUANA

2022/2023

BAGIAN 1

1. Apa bedanya *Google Services* dan *Amazon Web Services* ?

- Perbedaan antara Google Service dan AWS adalah dari segi layanannya, jika Google Service layanan percobaan gratis dengan skema kredit sebanyak \$300, sedangkan pada AWS adalah menyediakanlayana gratis satu tahun yang dapat diakses oleh pengguna, tetapi tidak membuka semua fitur yang tersedia didalamnya.

2. Sebutkan apa saja aplikasi yang ada pada *Amazon Web Services* !

Aplikasi yang ada di AWS

- Amazon EC2
- Amazon S3
- Amazon RDS
- Amazon DynamoDB
- Amazon SageMaker
- Amazon Lambda
- Amazon Redshift
- Amazon OpenSearch Service
- Amazon SNS

3. Apa itu *framework Laravel* ?

- Laravel adalah salah satu kerangka aplikasi berbasis PHP yang dapat digunakan untuk membantu proses pengembangan sebuah website agar lebih maksimal.

4. *Laravel* menggunakan arsitektur *MVC*, yang merupakan turunan dari arsitektur orientasi objek. Apa itu *MVC*?

- MVC adalah suatu arsitektur aplikasi dengan cara memisahkan aplikasi menjadi 3 bagian yang saling terhubung yang sesuai dengan bagaimana informasi yang disajikan oleh pengguna, MVC terdiri dari 3 bagian yaitu Model, View dan Controller.

5. *Restful API* apa saja yang ada di *Laravel*?

- GET : untuk membaca data/resource dari REST Server
- POST : untuk membuat sebuah data/resource baru di REST Server
- PUT : untuk memperbaharui data/resource di REST Server.
- DELETE : untuk menghapus data/resource dari REST Server
- OPTIONS : untuk mendapatkan operasi yang di suport pada resource dari REST Server.

6. *Microservice* apa saja yang ada di *laravel* ?

- View : berfungsi menampilkan tampilan
- Model : berfungsi untuk manipulasi dan pengambilan data pada database
- Controller : berfungsi mengatur perpindahan data pada model dan view

- Router : mengatur controller dan function mana yang dipanggil Ketika mengakses url tertentu
- Middleware : mengatur dan melakukan validasi diantara router dan controller
- Package : service untuk membuat code modular

7. Apa bedanya instalasi Laravel di server lokal (XAMPP) dengan di *cloud hosting* ?

- Pada server local untuk menjalankan project Laravel dapat dilakukan dengan menjalankan command `php artisan serve`. Sedangkan pada cloud hosting harus menggunakan web server seperti nginx atau apache dan mengarahkan root ke folder public pada project laravel

8. Apa itu Metode Pengembangan Scrum?

- SCRUM adalah salah satu metode rekayasa perangkat lunak dengan menggunakan prinsip-prinsip pendekatan AGILE, yang bertumpu pada kekuatan kolaborasi tim, incremental product dan proses iterasi untuk mewujudkan hasil akhir. Scrum sendiri bukan satu-satunya metode yang menggunakan pendekatan AGILE. Mungkin kita juga pernah mendengar metode Extreme Programming (XP) yang juga menggunakan pendekatan AGILE dalam rekayasa perangkat lunak. Masing-masing metode memiliki fokus atau penekanan yang berbeda yang tentu saja dapat dikombinasikan untuk menghasilkan proses yang optimal

9. Apa itu GitHub dalam *software development* (pengembangan perangkat lunak) ?

- GitHub adalah situs web dan layanan berbasis cloud yang membantu developer menyimpan dan mengelola kode yang dibuat, serta melacak dan mengontrol perubahan pada kode tersebut. GitHub mencakup dua prinsip, yaitu version control dan Git. Version control membantu developer melacak dan mengelola perubahan pada kode proyek perangkat lunak. Seiring pertumbuhan proyek perangkat lunak, version control menjadi penting.

10. Bagaimana membuat Site Map XML dengan Laravel ?

- Install project laravel baru.
Untuk membuat project laravel dengan laravel versi terbaru, silahkan buka terminal dan masuk ke direktori dimana Anda ingin install project laravel tersebut. Kemudian install laravel dengan command **`composer create-project laravel/laravel sitemap`**. Dengan command tersebut kita akan dibuatkan project laravel baru dengan nama project **sitemap**.
- Buat database baru di phpMyAdmin dengan nama terserah Anda (di percobaan ini, saya membuat database dengan nama sitemap).
- Sesuaikan DB_DATABASE dengan nama database yang baru dibuat di langkah nomor 2.
- Buat file model dan migration Post dengan command **`php artisan make:model Post -m`**.
- Buka file `2021_01_05_012027_create_posts_table.php` atau file migration yang telah dibuat dengan command pada langkah nomor 4. Edit script di file tersebut menjadi seperti di bawah ini.

```

<?php
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
class CreatePostsTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('posts', function (Blueprint $table) {
            $table->id();
            $table->string('title');
            $table->string('slug');
            $table->longText('body');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('posts');
    }
}

```

- Jalankan command **php artisan migrate** untuk membuat table atau migrasi file migration di folder database>migration ke database phpMyAdmin.
- Buat file factory untuk membuat data dummy dengan command php artisan make:factory PostFactory -m Post
- Buka file PostFactory di dalam folder database>factory, kemudian edit script di file tersebut menjadi seperti di bawah ini.

```

<?php
namespace Database\Factories;
use App\Models\Post;
use Illuminate\Database\Eloquent\Factories\Factory;
use Illuminate\Support\Str;
class PostFactory extends Factory
{
    /**
     * The name of the factory's corresponding model.
     *
     * @var string
     */
    protected $model = Post::class;
    /**
     * Define the model's default state.
     *
     * @return array
     */
    public function definition()
    {
        $title = $this->faker->sentence;
        $slug = Str::slug($title);
        return [
            'title' => $title,
            'slug' => $slug,
            'body' => $this->faker->paragraph(10)
        ];
    }
}

```

```

$ php artisan tinker
Psy Shell v0.10.5 (PHP 7.4.13 - cli) by Justin Hileman
>>> App\Models\Post::factory()->count(10)->create();
=> Illuminate\Database\Eloquent\Collection {#3370
  all: [
    App\Models\Post {#3374
      title: "Eos nostrum qui nulla aut rerum harum ducimus.",
      slug: "eos-nostrum-qui-nulla-aut-rerum-harum-ducimus",
      body: "Non fuga sit tempore placeat. Molestias occaecati sit iusto cupiditate. Ratione ex et quo fugit molestiae omnis asperiores. Et quia tempore officiiis quos. Est blanditiis natus eius omnis perspiciatis. Harum laborum esse vel. Illo fuga aliquid error maxime. Quis aut quibusdam consequatur tenetur quia.",
      updated_at: "2021-01-05 02:31:37",
      created_at: "2021-01-05 02:31:37",
      id: 51,
    },
  ],
}

```

- Selanjutnya buka terminal lagi dan jalankan command **php artisan tinker**. Kemudian jalankan command **App\Models\Post::factory()->count(10)->create();** untuk membuat data dummy sebanyak 10 data.
- Install package spatie laravel sitemap dengan menjalankan command **composer require spatie/laravel-sitemap** di terminal.
- Jalankan command **php artisan vendor:publish --provider="Spatie\Sitemap\SitemapServiceProvider" --tag=config** untuk menyalin file sitemap.php ke dalam folder config.
- Buka file web.php yang terdapat di folder routes. Kemudian edit script di file tersebut menjadi seperti di bawah ini.

```

<?php
use Illuminate\Support\Facades\Route;
use App\Models\Post;
use Spatie\Sitemap\Sitemap;
use Spatie\Sitemap\Tags\Url;

/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/

Route::get('/', function () {
    return view('welcome');
});

Route::get('/sitemap', function(){
    $sitemap = Sitemap::create()
        ->add(Url::create('/about-us'))
        ->add(Url::create('/contact-us'));

    $post = Post::all();
    foreach ($post as $post) {
        $sitemap->add(Url::create("/post/{<post->slug}"));
    }
    $sitemap->writeToFile(public_path('sitemap.xml'));
});

```

- Sekarang jalankan php artisan serve kemudian akses ke url **example.test/sitemap** atau **127.0.0.1:8000/sitemap** maka ketika kita cek di dalam folder public terdapat file baru dengan nama **sitemap.xml**

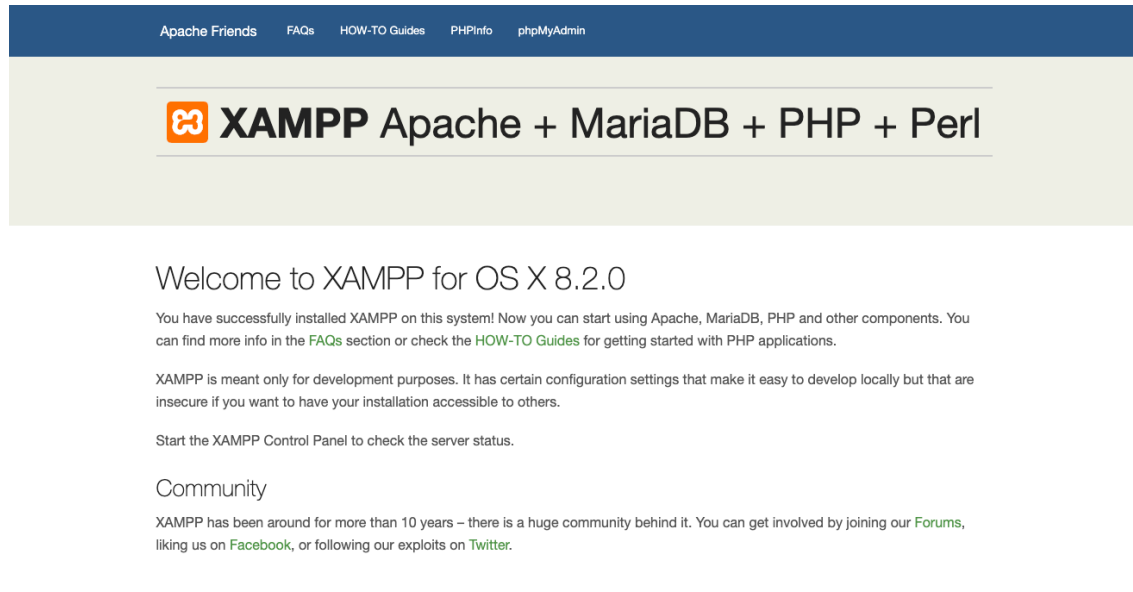
```
web.php  sitemap.xml X
public > sitemap.xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9" xmlns:xhtml="http://www.w3.org/1999/xhtml">
3      <url>
4          <loc>http://127.0.0.1:8090/about-us</loc>
5          <lastmod>2021-01-05T07:27:01+00:00</lastmod>
6          <changefreq>daily</changefreq>
7          <priority>0.8</priority>
8      </url>
9      <url>
10         <loc>http://127.0.0.1:8090/contact_us</loc>
11         <lastmod>2021-01-05T07:27:01+00:00</lastmod>
12         <changefreq>daily</changefreq>
13         <priority>0.8</priority>
14     </url>
15     <url>
16         <loc>http://127.0.0.1:8090/post/alias-recusandae-asperiores-rerum-aut-illo-ea</loc>
17         <lastmod>2021-01-05T07:27:01+00:00</lastmod>
18         <changefreq>daily</changefreq>
19         <priority>0.8</priority>
20     </url>
```

Bagian 2

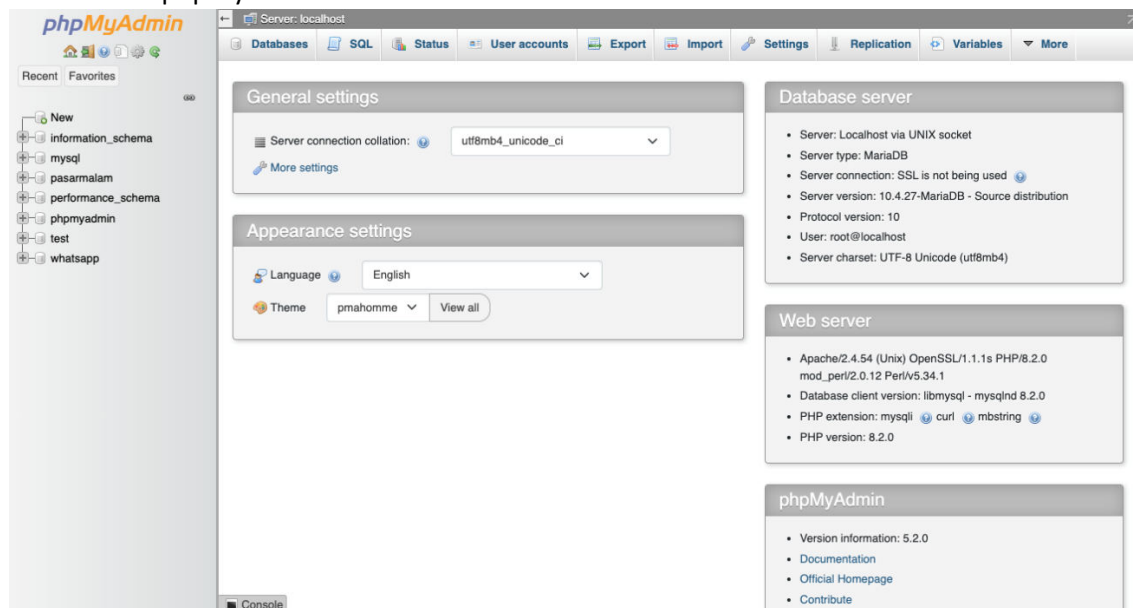
Sprint 0 : Perencanaan
0 Day 1, Sprint 0 : 1jam, Persiapan

0.1. Tim *Leader* menyediakan *XAMPP* di server lokal. *Prototype 0.0.1* : *Screenshot page test Apache dan phpmyadmin*. Simpan *Prototype 0.0.1* di *GitHub*.

Screenshoot XAMPP



Screenshoot phpMyAdmin



- 0.2. Tim Leader membentuk 3 kelompok pengembang dan menugaskan untuk instalasi Laravel Aimeos. Daftar Kelompok Pengembang dan tugasnya simpan di Github sebagai Prorotype 0.0.2. Kelompok pengembang ini terdiri dari:

0.2.1. Kelompok 1 (pengembang *backend* dan *Controller*)

Kelompok 1 (Back End dan Controller)	
No	Nama Pengembang
1	Deris Ganesha Pratama
2	Ade Wahyu
3	Azka Fahim Basyar

0.2.2. Kelompok 2 (pengembang *backend* dan *Model*)

Kelompok 2 (Back End dan Model)	
No	Nama Pengembang
1	Chandika Nurdiansyah (Leader)
2	Muhammad Ghiffar Alfarizi

0.2.3. Kelompok 3 (penge mbang *frontend* dan *View*)

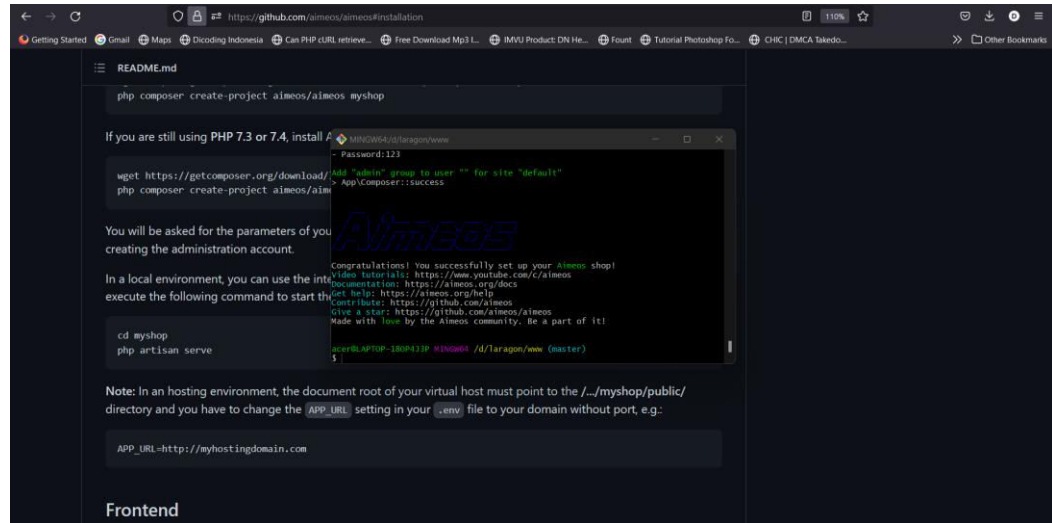
Kelompok 3 (Front End dan View)	
No	Nama Pengembang
1	Muhammad Taofik Setiawan
2	Widy Hendro Saputro
3	Nur Kholis Aprianto

Sprint 1: Bangun Dasar

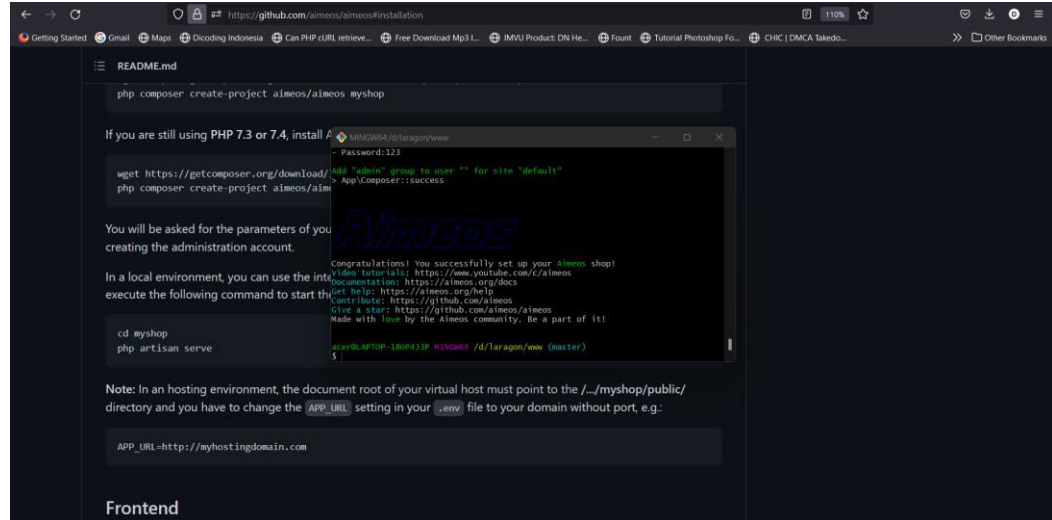
Day 1, Sprint 1: 1 jam. Instalasi dan konfigurasi *Laravel* dan mempelajari script *Aimeos* secara parallel

- 1.1. Kelompok 1 melakukan instalasi Laravel. Prototype 0.1.1 Screenshot tampilan Laravel yang berhasil diinstall berupa tampilan halaman awal, halaman login, dashboard. Simpan Prototype 0.1.1 di Github.

- Laravel Aimeos berhasil diinstall

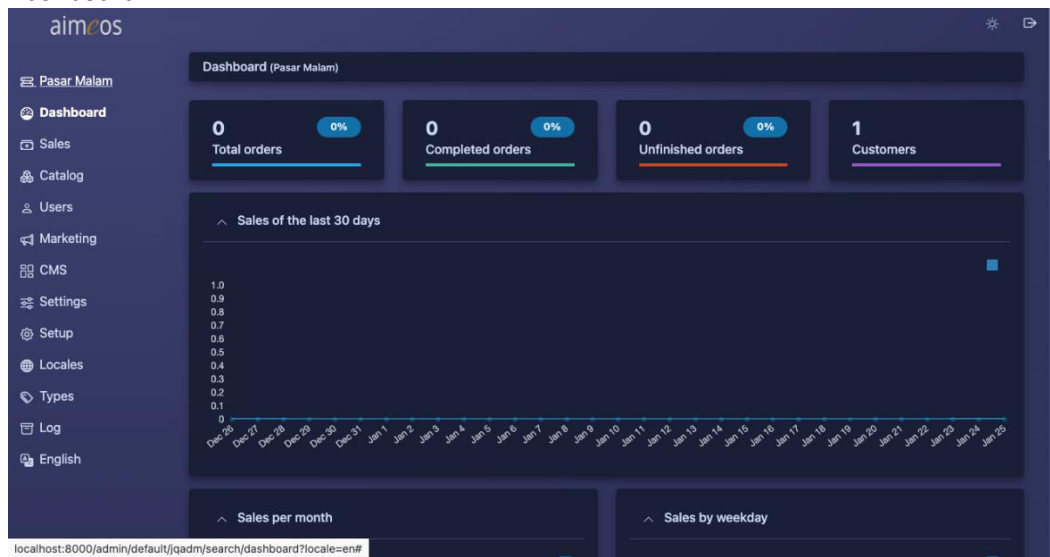


- Halaman Awal



- Halaman Login

- Dashboard

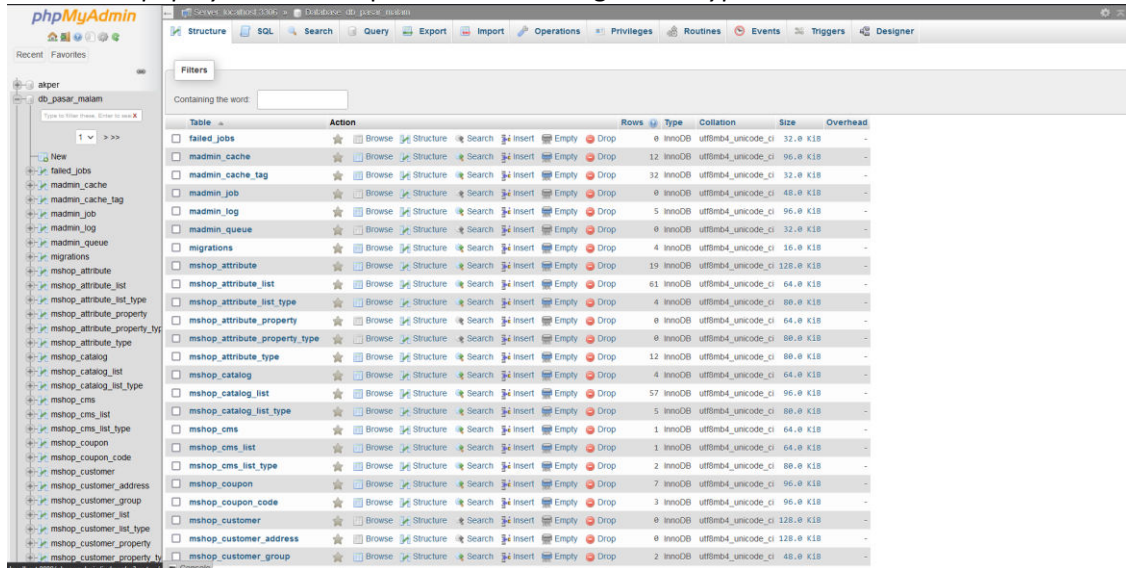


- 1.2. Kelompok 2 mempelajari database dan script di folder Model dari <https://github.com/aimeos/aimeos/blob/master/app/Models/User.php>
- 1.3. Kelompok 3 mempelajari *frontend* dan *script* di *folder View* dari <https://github.com/aimeos/aimeos/tree/master/resources/views>

Sprint 2 Bangun Badan

Day 2, Sprint 2: 3 jam. Instalasi dan konfigurasi Aimeos secara bersama dan terintegrasi.

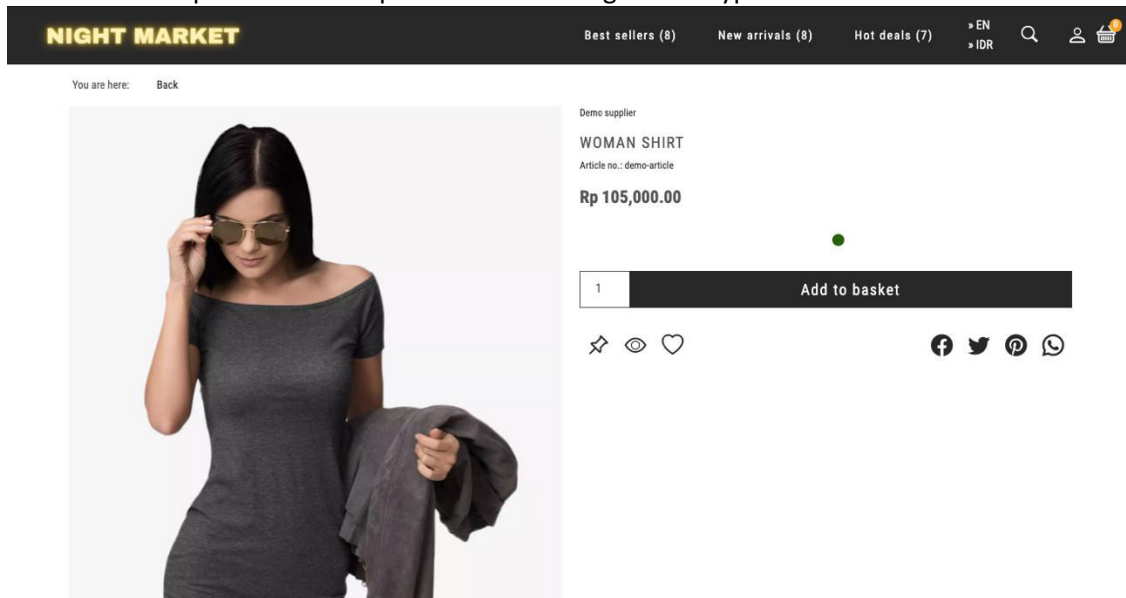
- 2.1. Kelompok 2 menginstal *database* dan *script* di folder *Model* dari <https://github.com/aimeos/aimeos-laravel> di atas *Prototipe* 0.2.1 Setelah berhasil, membuat *screenshot* *phpmyadmin* disimpan di *Glithub* sebagai *Prototipe* 0.2.1



The screenshot shows the phpMyAdmin interface with the 'msshop' database selected. The 'Tables' tab is active, displaying a list of tables. The table 'failed_jobs' is highlighted. The table structure for 'failed_jobs' is shown below.

Table	Action	Rows	Type	Collation	Size	Overhead
failed_jobs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
madmin_cache	Browse Structure Search Insert Empty Drop	12	InnoDB	utf8mb4_unicode_ci	96.0 K1B	-
madmin_cache_tag	Browse Structure Search Insert Empty Drop	32	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
madmin_job	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 K1B	-
madmin_log	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	96.0 K1B	-
madmin_queue	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
migrations	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
mshop_attribute	Browse Structure Search Insert Empty Drop	19	InnoDB	utf8mb4_unicode_ci	128.0 K1B	-
mshop_attribute_list	Browse Structure Search Insert Empty Drop	61	InnoDB	utf8mb4_unicode_ci	64.0 K1B	-
mshop_attribute_list_type	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	88.0 K1B	-
mshop_attribute_property	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	64.0 K1B	-
mshop_attribute_property_type	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	88.0 K1B	-
mshop_attribute_type	Browse Structure Search Insert Empty Drop	12	InnoDB	utf8mb4_unicode_ci	88.0 K1B	-
mshop_catalog	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	64.0 K1B	-
mshop_catalog_list	Browse Structure Search Insert Empty Drop	57	InnoDB	utf8mb4_unicode_ci	96.0 K1B	-
mshop_catalog_list_type	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	88.0 K1B	-
mshop_cms	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	64.0 K1B	-
mshop_cms_list	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	64.0 K1B	-
mshop_cms_list_type	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	88.0 K1B	-
mshop_coupon	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_unicode_ci	96.0 K1B	-
mshop_coupon_code	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	96.0 K1B	-
mshop_customer	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	128.0 K1B	-
mshop_customer_address	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	128.0 K1B	-
mshop_customer_group	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	48.0 K1B	-

- 2.2. Kelompok 3 menginstal Frontend dan *script* di folder *View* dari <https://github.com/aimeos/aimeos-laravel> di atas *Prototipe* 1.1. Setelah berhasil, membuat *screenshot* tampilan web disimpan di *Glithub* sebagai *Prototipe* 0.2.2



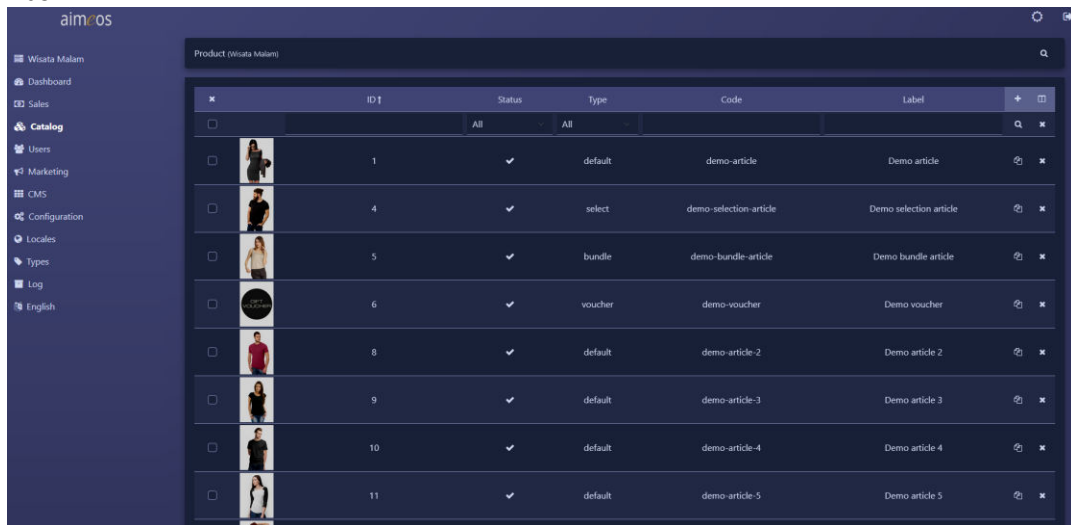
- 2.3. Kelompok 1 menginstal *script* di folder *Controller* dari <https://github.com/aimeos/aimeos-laravel> di atas *Prototipe* 1.1. Setelah berhasil, membuat *screenshot* *testing Dashboard* dan isi *query* disimpan di *Glithub* sebagai *Prototipe* 0.2.3

2.3.1.Query

```
/**
 * Adds product IDs for filtering
 *
 * @param array|string $prodIds Product ID or list of IDs
 * @return \Aimeos\Controller\Frontend\Product\Iface Product controller for fluent interface
 * @since 2019.04
 */
public function product( $prodIds ) : Iface
{
    if( !empty( $prodIds ) && ( $ids = array_unique( $this->validateIds( (array) $prodIds ) ) ) != [] ) {
        $this->addExpression( $this->filter->compare( '==', 'product.id', $ids ) );
    }

    return $this;
}
```

2.3.2.Hasil



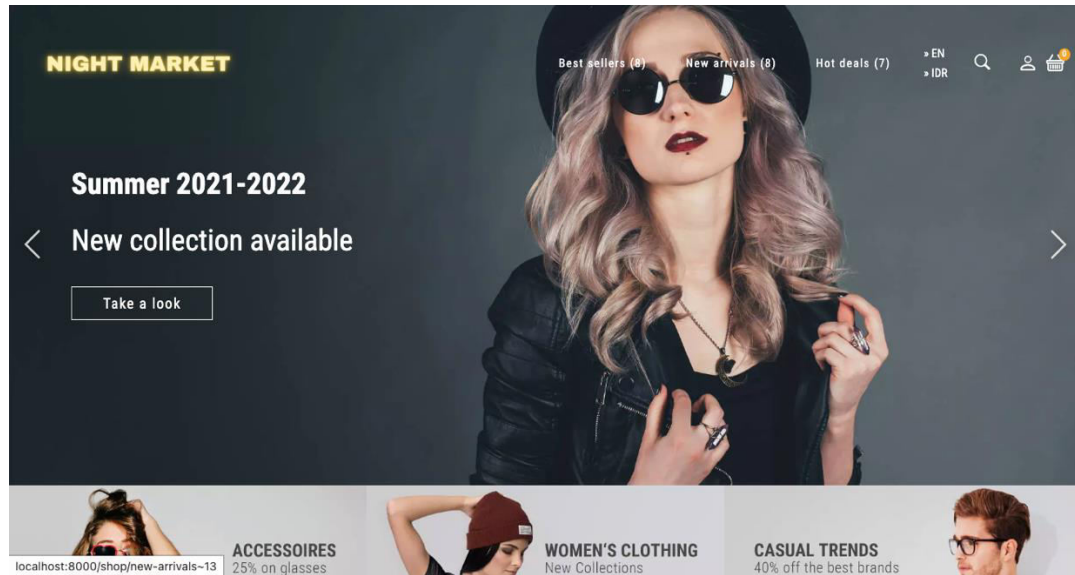
The screenshot shows the Aimeos Admin Interface. On the left is a sidebar with a menu containing: Wisata Malam, Dashboard, ID Sales, Catalog, Users, Marketing, CMS, Configuration, Locales, Types, Log, and English. The main content area is titled 'Product (Wisata Malam)' and contains a table with the following data:

	ID	Status	Type	Code	Label	
<input type="checkbox"/>		All	All			
<input type="checkbox"/>	1	✓	default	demo-article	Demo article	
<input type="checkbox"/>	4	✓	select	demo-selection-article	Demo selection article	
<input type="checkbox"/>	5	✓	bundle	demo-bundle-article	Demo bundle article	
<input type="checkbox"/>	6	✓	voucher	demo-voucher	Demo voucher	
<input type="checkbox"/>	8	✓	default	demo-article-2	Demo article 2	
<input type="checkbox"/>	9	✓	default	demo-article-3	Demo article 3	
<input type="checkbox"/>	10	✓	default	demo-article-4	Demo article 4	
<input type="checkbox"/>	11	✓	default	demo-article-5	Demo article 5	

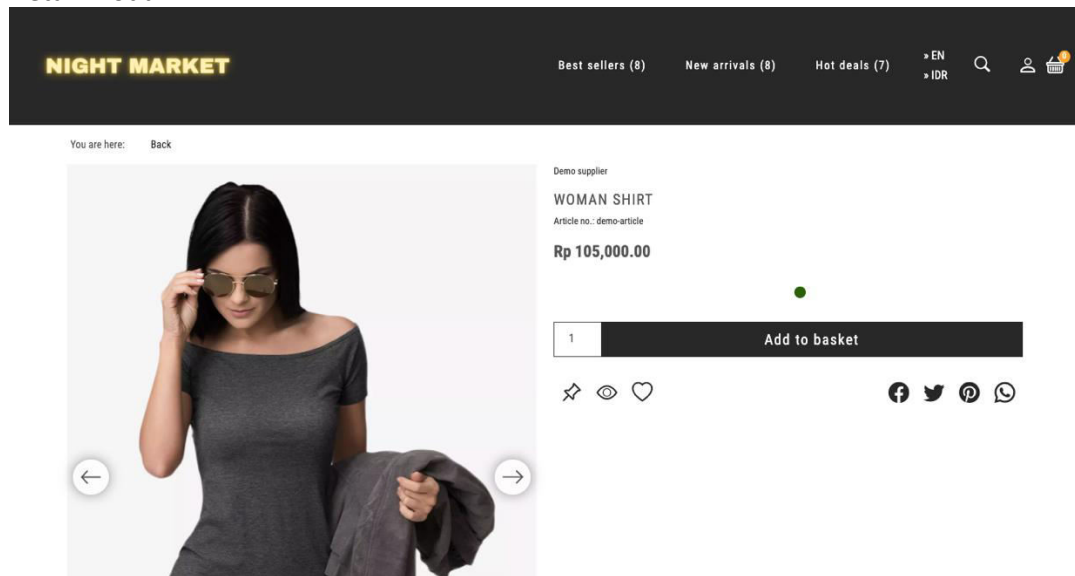
- 2.4. Setelah tahap 2.3. selesai, Tim Leader melakukan evaluasi fitur. Semua fitur dites dan dipastikan berjalan dengan baik. Setelah tes berhasil, maka Prototype ini disetujui dengan nama Prototype Market Place Pasar Malam versi 1.0. disimpan di GitHub., termasuk screenshot Prototype 1.0. dengan semua fiturnya.

Test Order

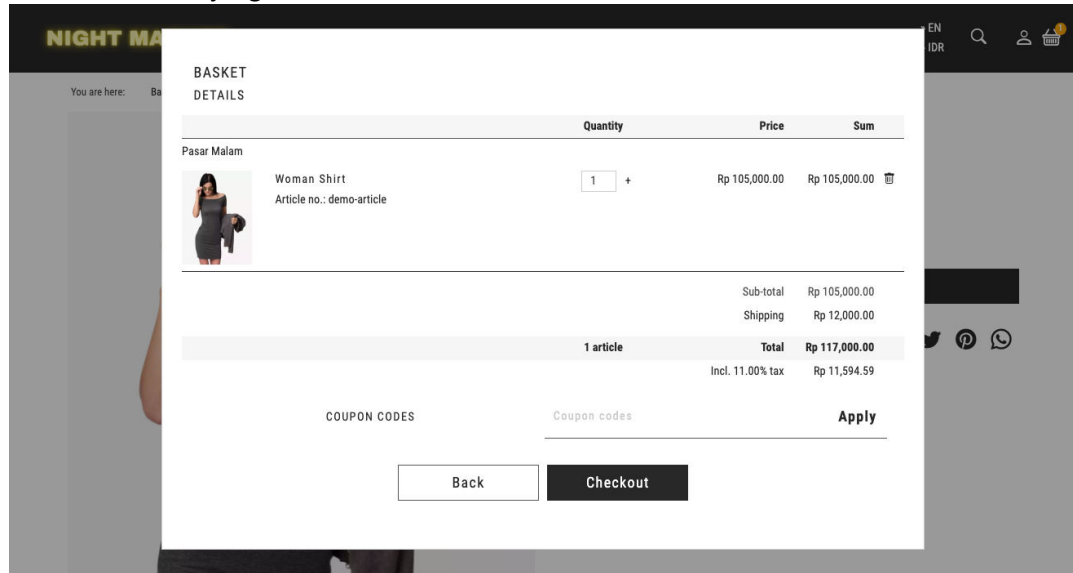
- Halaman Utama



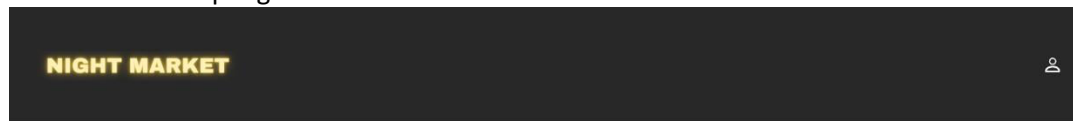
- Detail Produk



- Checkout : Keranjang



- Checkout : Form pengiriman



1. Basket **2. Address** 3. Delivery 4. Payment 5. Summary

ADDRESS

Fields with an * are mandatory

Billing address

☒ new address

Salutation

First name*

Last name*

Company


Street*

Delivery address

☒ like billing address

☐ new address

- Checkout : Pilih pengiriman

NIGHT MARKET

1. Basket

2. Address

3. Delivery


4. Payment

5. Summary

DELIVERY

Please choose your delivery method

☐




CLICK & COLLECT

Rp 0.00

Local pick-up

Pick-up at one of our local stores

☒



DHL

Rp 0.00

Delivery within three days

The parcel is usually delivered within three working days


☐

DHL EXPRESS

Rp 0.00

Delivery on the next day

- Checkout : Memilih metode pembayaran

NIGHT MARKET

1. Basket

2. Address

3. Delivery

4. Payment

5. Summary

PAYMENT

Please choose your payment method


☐

INVOICE

Pay by invoice within 14 days

Please transfer the money within 14 days to BIC: XXX, IBAN: YYY

☐



DIRECT DEBIT

Payment via your bank account

The money will be collected from your bank account within 1-3 days

☒

PAYPAL

Payment via PayPal

Easy and secure payment with your PayPal account

- Rangkuman Checkout

NIGHT MARKET

1. Basket

2. Address

3. Delivery

4. Payment

5. Summary

SUMMARY

Please check your order

Billing address

Change

Delivery address

Change

Mr Chandika Nurdiansyah
Jl.Pasirluyu
Bandung 40254
English
chandika7d@gmail.com

like billing address

Delivery

Change

Payment

Change

DHL

PayPal

Coupon codes

Change

Your reference

Your comment

- Berhasil Order

NIGHT MARKET

CONFIRMATION

Thank you for your order and authorizing the payment.
An e-mail with the order details will be sent to you within the next few minutes.

ORDER STATUS

Order ID

2

Payment status

authorized

ORDER DETAILS

Billing address

Delivery address

Mr Chandika Nurdiansyah
Jl.Pasirluyu
Bandung 40254
English
chandika7d@gmail.com

like billing address

Delivery

Payment

DHL

Invoice

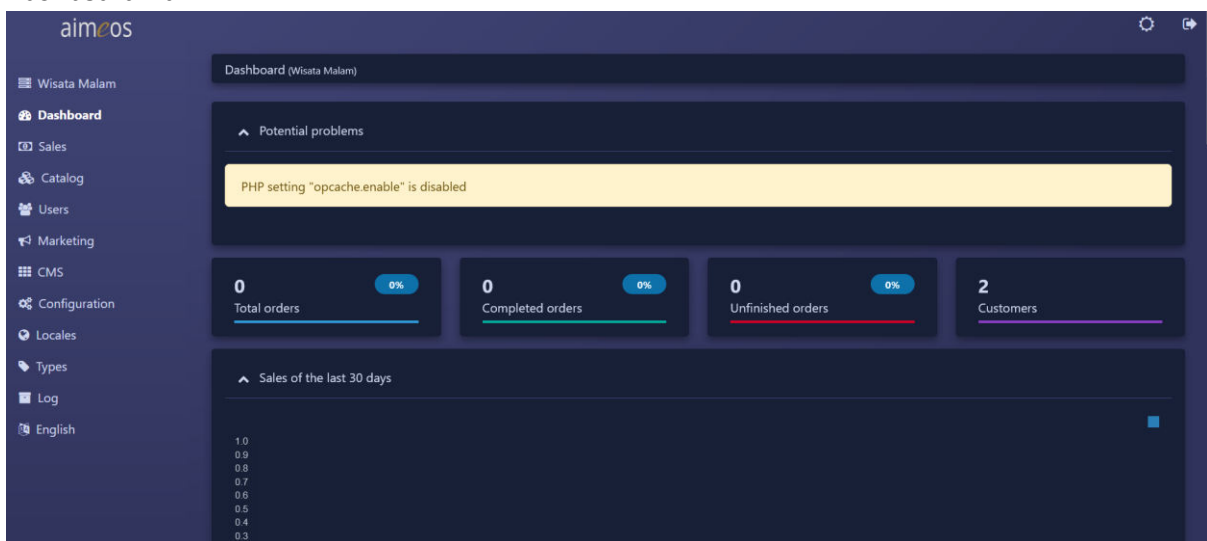
- Order Masuk

Order (Pasar Malam)

Invoice	Pay status	Ordered at	Last name
2	authorized	2023-01-25 17:45:48	Nurdiansyah
1	---	2023-01-25 17:45:22	Nurdiansyah

Page 1 of 1

Dashboard Admin



Catalog | Product

- Basic

Catalog

Product: New (Wisata Malam)

Basic

Option	Value
Status *	Enabled
Type *	Article
SKU *	product-test
Label *	Product Test

- Media

Catalog

Products

Categories

Attributes

Suppliers

Product: New (Wisata Malam)

?

Cancel

Save

Basic

Media

Texts

Prices

Stocks

Categories

logo-pasar-malam-removebg-preview.png (default)

Status *

Enabled

✓

Type *

Standard

✓

Title *

logo-pasar-malam-removebg-pre

Language

All

✓

Advanced

+

- Prices

Catalog

Products

Categories

Attributes

Suppliers

Product: New (Wisata Malam)

?

Cancel

Save

Basic

Media

Texts

Prices

Stocks

Categories

☐ Allow custom price

1 ~ 300000 + 30 IDR (default)

Tax rate in % *

20

Status *

Enabled

✓

Actual price

300000

Currency *

Indonesian rupiah

✓

Granted rebate

30

Min. quantity *

1

Shipping/item

30

Advanced

+

- Stocks

Catalog

Products

Categories

Attributes

Suppliers

Product: New (Wisata Malam)

?

Cancel

Save

Basic

Media

Texts

Prices

Stocks

Categories

Stock level

Back in stock

Delivery within

☒ 0 + 100

January 23, 2023 12:00 AM

Time frame (optional)

- Categories

Catalog

Products

Categories

Attributes

Suppliers

Product: New (Wisata Malam)

?

Cancel

Save

Basic

Media

Texts

Prices

Stocks

Categories

Default

+

Best sellers (demo-best)

✕

Home (home)

✕

Hot deals (demo-deals)

✕

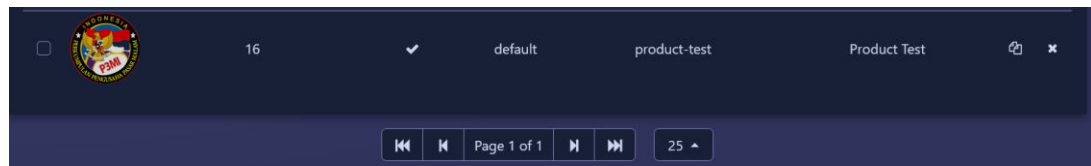
New arrivals (demo-new)

✕

Promotion

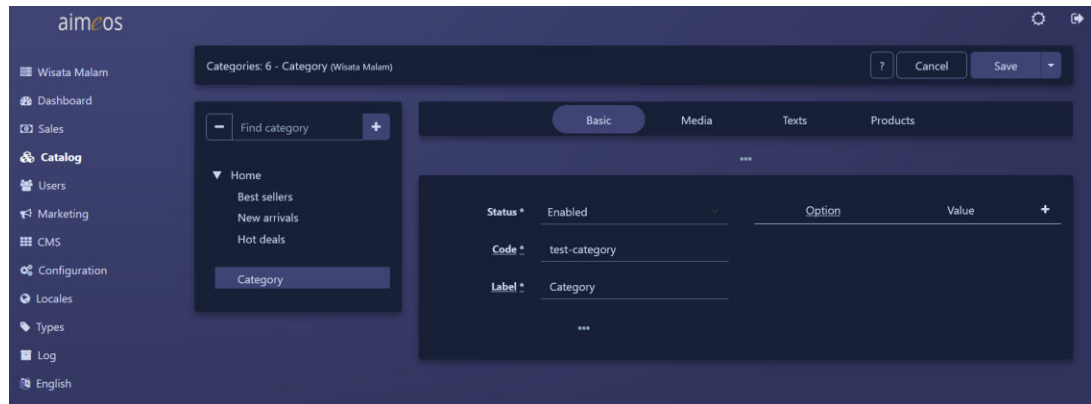
+

- Hasil

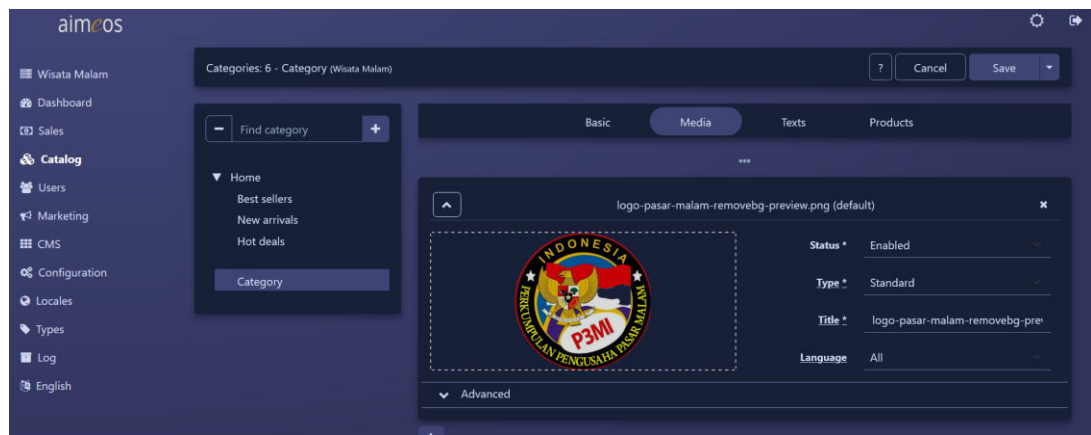


Catalog | Category

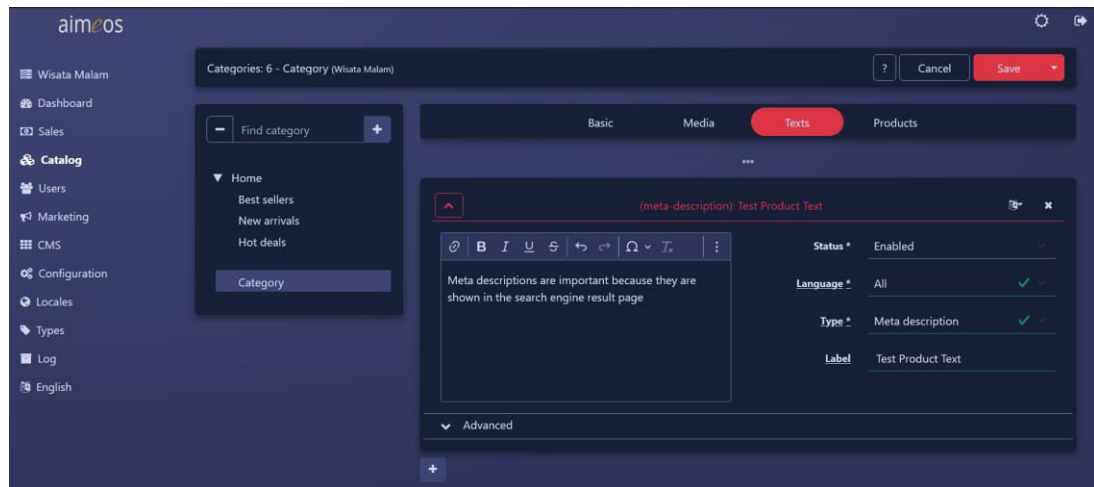
- Basic



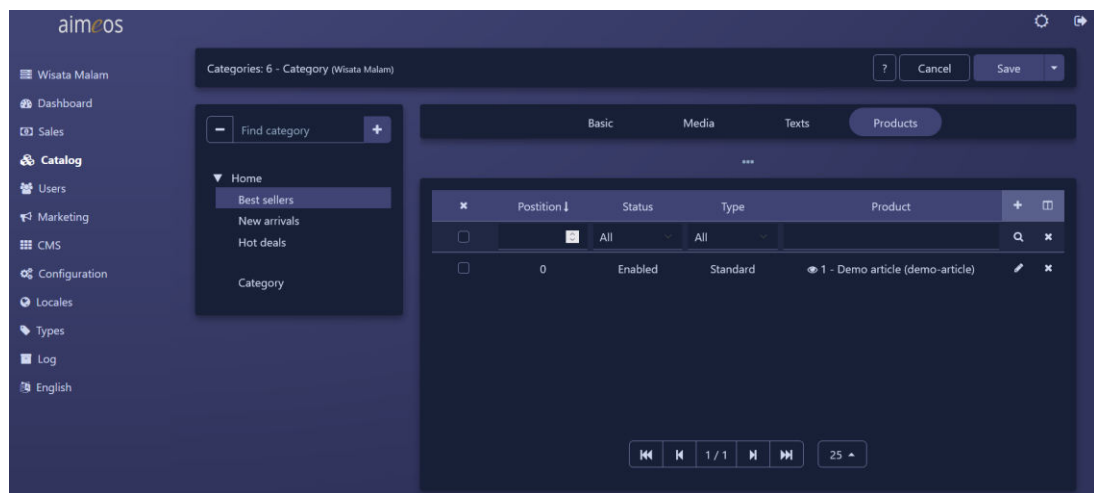
- Media



- Text

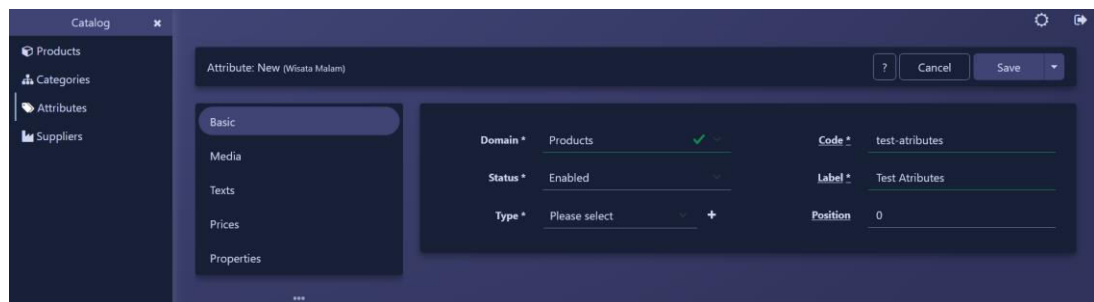


- Products

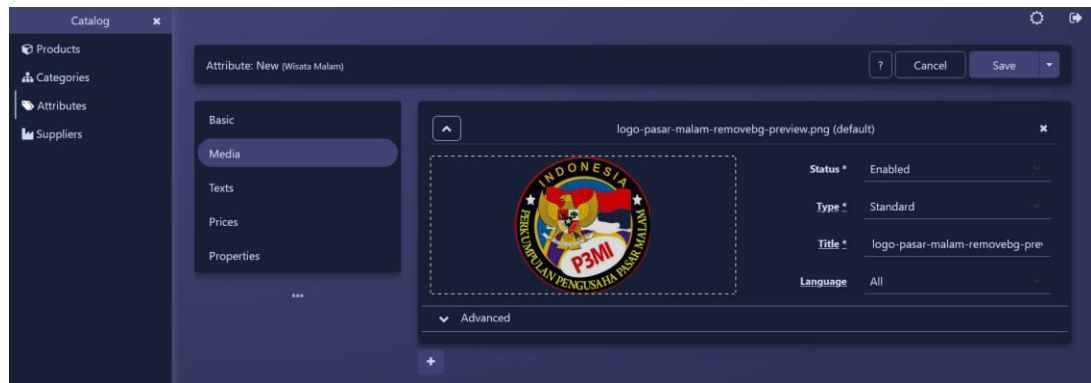


Catalog | Attributes

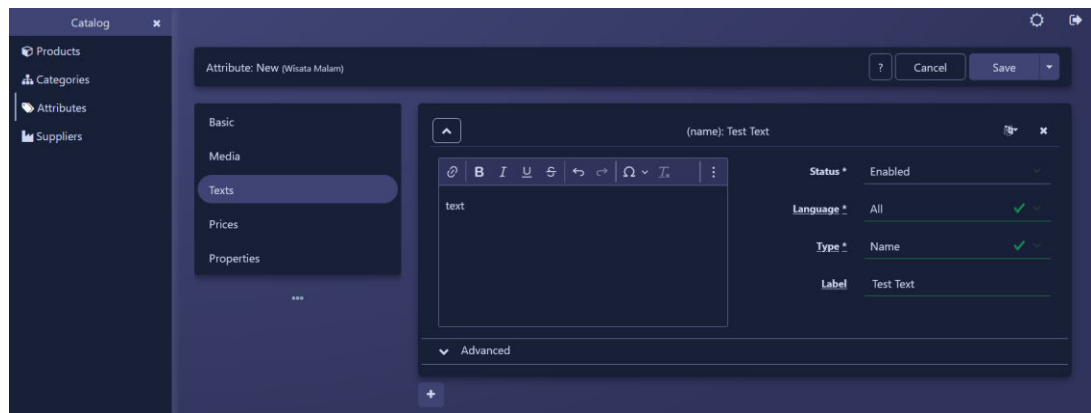
- Basic



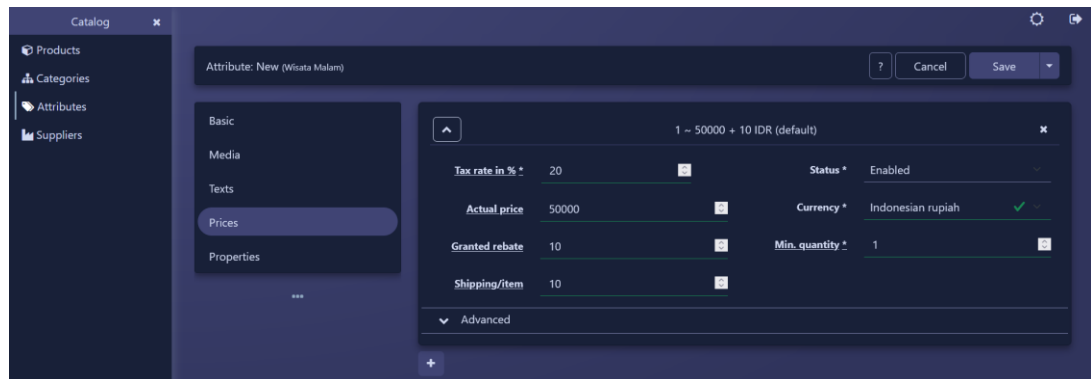
- Media



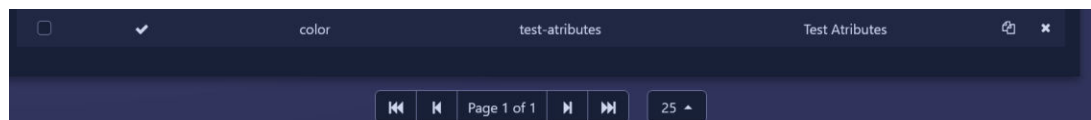
- Text



- Prices



- Hasil



Catalog | Suplier

- Basic

The screenshot shows the 'Basic' tab of a supplier creation form. The left sidebar contains a menu with 'Products' selected. The main form area has a title bar 'Supplier: New (Wisata Malam)' with a question mark icon, a 'Cancel' button, and a 'Save' button. Below the title bar, there is a section for 'Basic' information. It includes a 'Status' dropdown set to 'Enabled', a 'Code' text field with 'test-suppliers', and a 'Label' text field with 'Test Suppliers'.

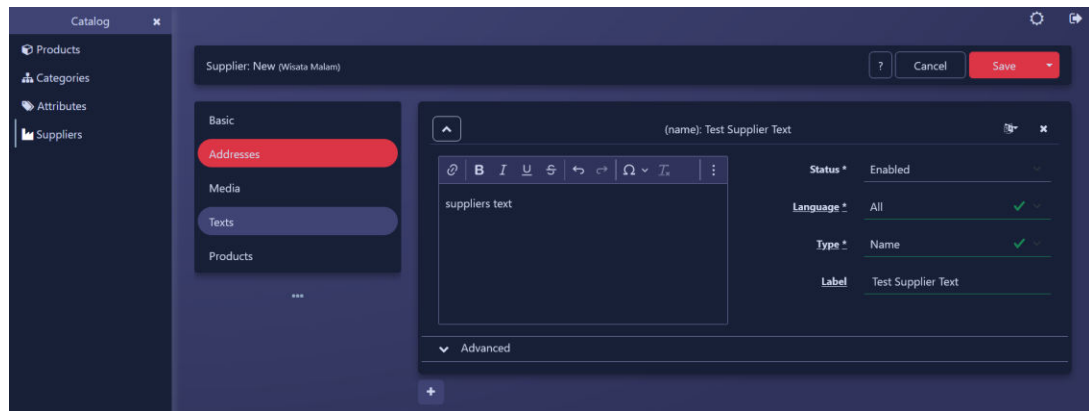
- Addresses

The screenshot shows the 'Addresses' tab of the supplier creation form. The left sidebar menu has 'Addresses' selected. The main form area is divided into two columns. The left column contains fields for 'Language' (English), 'Salutation' (Company), 'Title' (Title), 'Last name' (LastName), and 'First name' (FirstName). The right column contains fields for 'Street' (Street), 'House number' (08912312311), 'Floor / Apartment' (Apartemen), 'Zip code' (40223), 'City' (Bandung), 'Country' (Indonesia), and 'State' (Country state code (optional)). Below these fields, there are two sections: 'Communication' and 'Company details'. The 'Communication' section includes 'Telephone' (089654123111), 'Facsimile' (123), 'E-mail' (suppliers@gmail.com), and 'Web site' (https://suppliers.com). The 'Company details' section includes 'Company' (Company Suppliers) and 'VAT ID' (123).

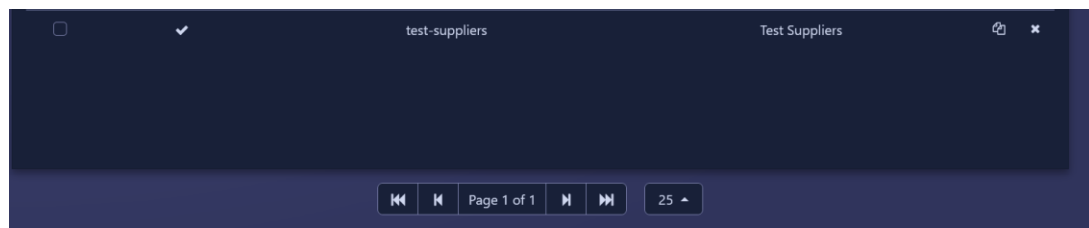
- Media

The screenshot shows the 'Media' tab of the supplier creation form. The left sidebar menu has 'Media' selected. The main form area features a large image upload area with a preview of a logo. The logo is a circular emblem with 'INDONESIA' at the top, 'P3MI' in the center, and 'PERKONSILAN PENGUSAHA PASIR MALAM' around the bottom. To the right of the image upload area, there are fields for 'Status' (Enabled), 'Title' (logo-pasar-malam-removebg-pre), and 'Language' (All). Below these fields, there is an 'Advanced' section with a plus icon.

- Texts



- Hasil



Configuration

- Basic



Marketing

○ List Voucher

The screenshot shows the 'Marketing' section of the aim2os dashboard. The left sidebar lists various modules: Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (highlighted), CMS, Settings, Setup, Locales, Types, Log, and English. The main content area is titled 'By day (Pasar Malam)' and displays a table of vouchers. The table has columns for Status, Provider, and Label. A single voucher is listed with Status 'All', Provider 'PercentRebate', and Label 'Makin Malam Makin Murah'. Below the table is a pagination control showing 'Page 1 of 1' and a dropdown for '25' items per page. At the bottom, there is a link for 'Bug or suggestion?'.

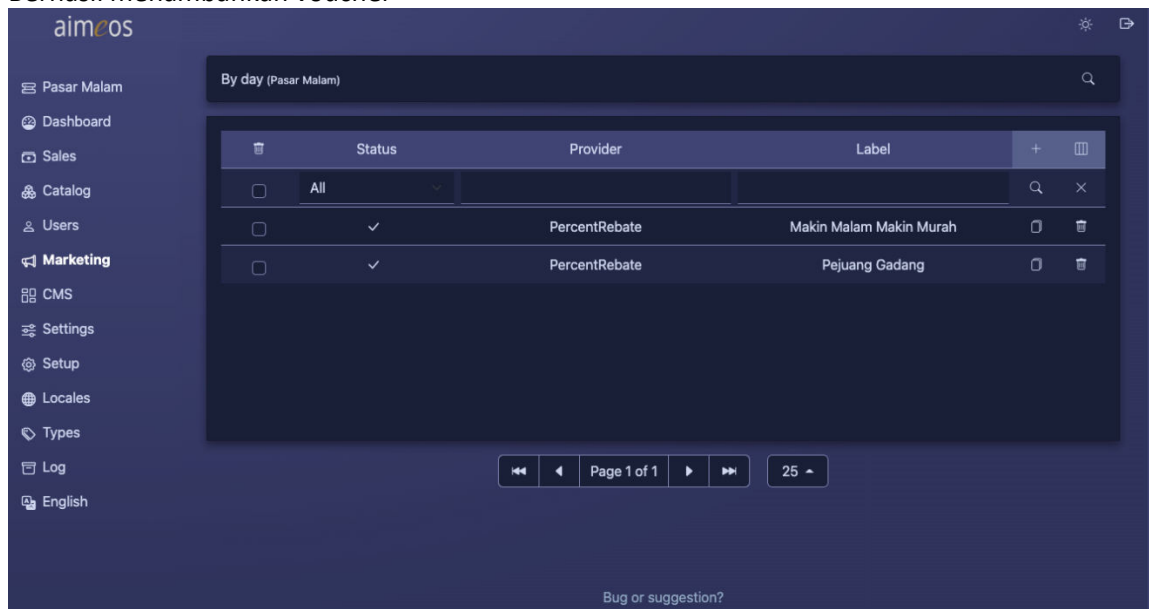
Status	Provider	Label
All	PercentRebate	Makin Malam Makin Murah

○ Tambah Voucher Diskon 20%

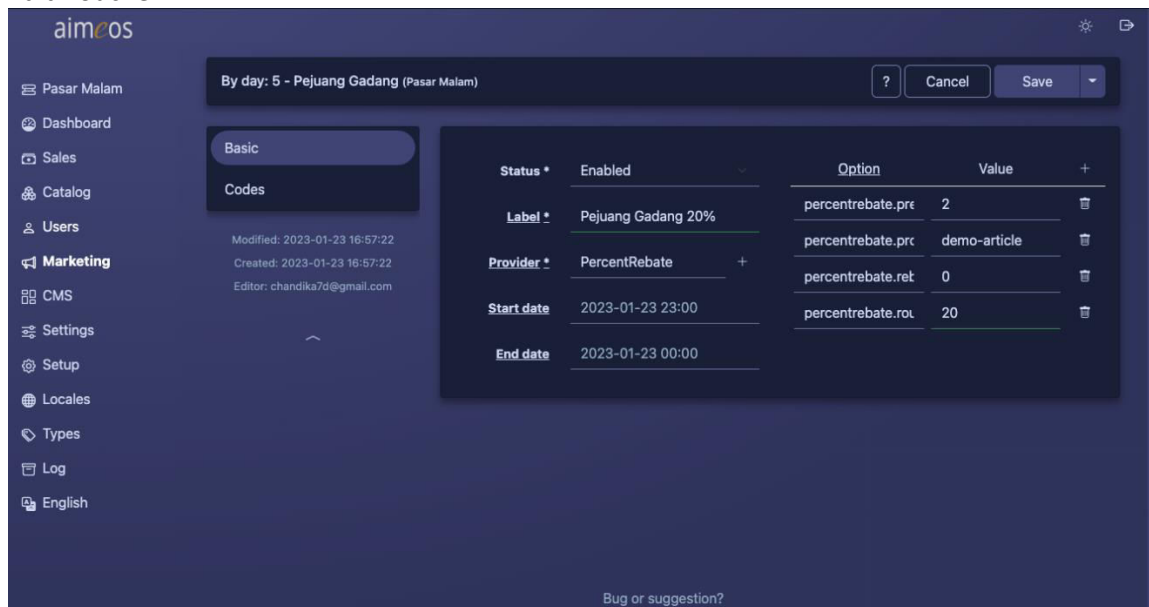
The screenshot shows the 'Marketing' section of the aim2os dashboard, specifically the 'Codes' tab for creating a new voucher. The left sidebar is the same as the previous screenshot. The main content area is titled 'By day: 5 - Pejuang Gadang (Pasar Malam)'. It includes a 'Basic' tab and a 'Codes' tab. The 'Codes' tab shows the following details: Modified: 2023-01-23 16:57:22, Created: 2023-01-23 16:57:22, and Editor: chandika7d@gmail.com. The main form area contains a table for defining the voucher's options and values. The table has columns for Status, Label, Provider, Start date, End date, Option, Value, and a delete icon. The data entered is as follows:

Status *	Label *	Provider *	Start date	End date	Option	Value
Enabled	Pejuang Gadang	PercentRebate	2023-01-23 23:00	2023-01-23 00:00	percentrebate.prc	2
					percentrebate.prc	demo-article
					percentrebate.ret	0
					percentrebate.rol	20

- Berhasil menambahkan voucher



- Edit Voucher



- Berhasil Edit Voucher

aimos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

By day (Pasar Malam)

	Status	Provider	Label		
<input type="checkbox"/>	All			<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	✓	PercentRebate	Makin Malam Makin Murah	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	✓	PercentRebate	Pejuang Gadang 20%	<input type="text"/>	<input type="text"/>

Page 1 of 1

25

Bug or suggestion?

- List Price Rules

aimos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Rules (Pasar Malam)

	Status	Position	Label	Provider		
<input type="checkbox"/>	All				<input type="text"/>	<input type="text"/>

No items found

Page 1 of 1

25

Bug or suggestion?

- Menambahkan Price Rule

aimcos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Rule: New (Pasar Malam)

? Cancel Save

Basic

Modified:

Created:

Editor:

Status * Enabled

Label * Diskon Lebaran

Provider * Percent

Position * 0

Option Value

last-rule	no	✓	✕
percent	5		✕

Bug or suggestion?

- Berhasil menambahkan price rule

aimcos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Rules (Pasar Malam)

	Status	Position	Label	Provider	+	✕
<input type="checkbox"/>	All				🔍	✕
<input type="checkbox"/>	✓	0	Diskon Lebaran	Percent	✕	✕

Page 1 of 1

25

Bug or suggestion?

- Edit Price Rules

aimos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Rule: 1 - Diskon Lebaran (Pasar Malam)

? Cancel Save

Basic

Modified: 2023-01-23 17:02:05
Created: 2023-01-23 17:02:05
Editor: chandika7d@gmail.com

Status * Enabled

Label * Diskon Lebaran

Provider * Percent

Position * 0

Start date 2023-01-24 00:00

End date 2023-01-31 00:00

Option	Value	
last-rule	yes	✓
percent	5	

Bug or suggestion?

- Berhasil edit price rule

aimos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

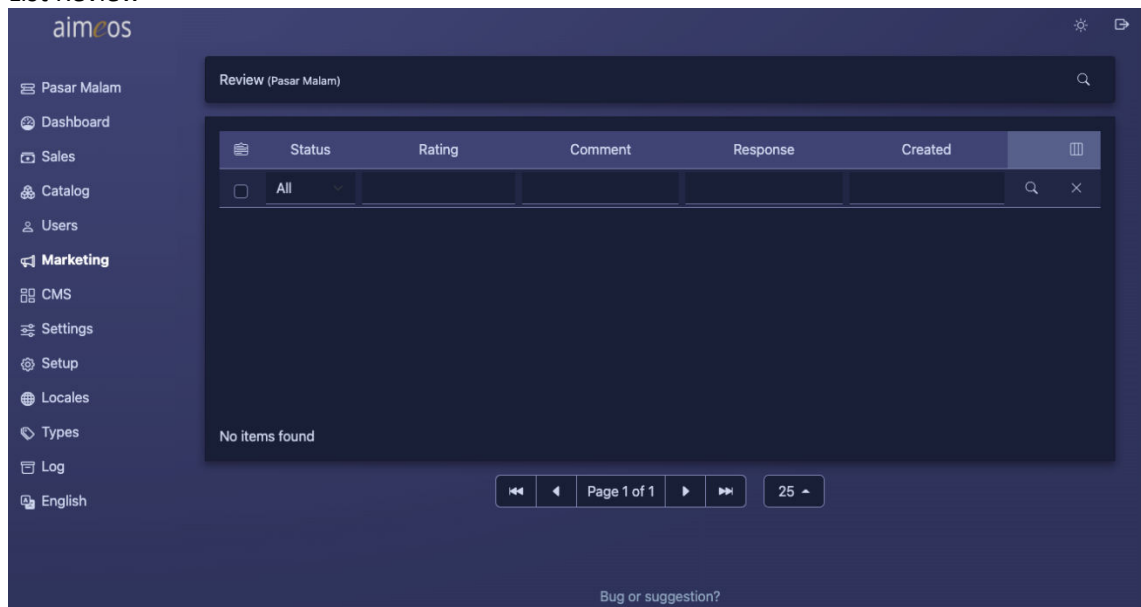
Rules (Pasar Malam)

Status	Position	Label	Provider		
All				+	-
✓	0	Diskon Lebaran	Percent		

Page 1 of 1 25

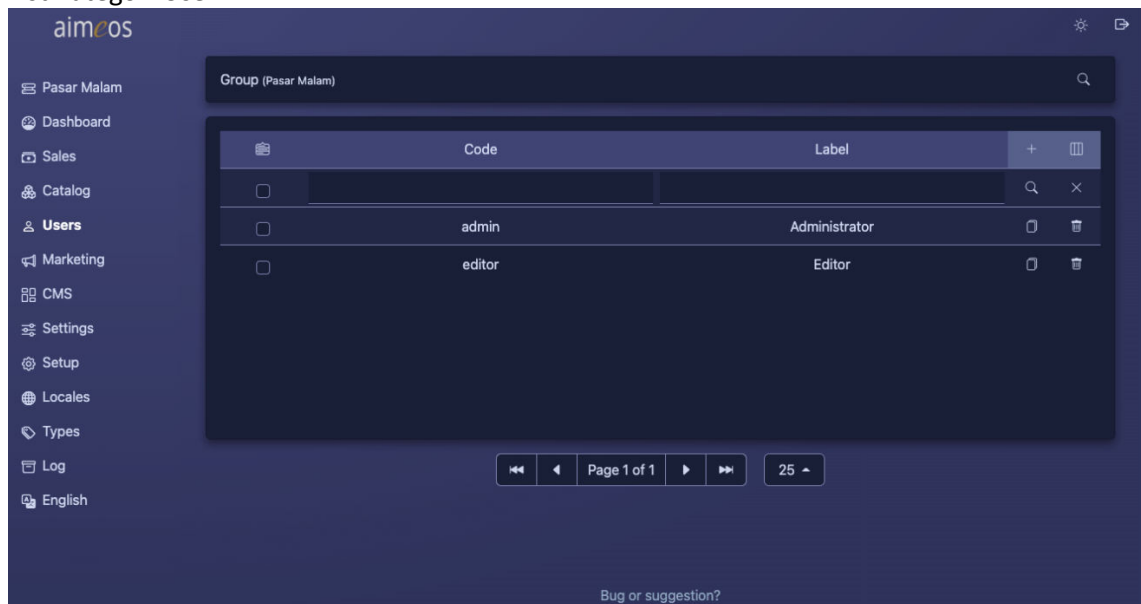
Bug or suggestion?

- List Review



User | Category

- List Kategori User



- Menambahkan Kategori User

The screenshot shows the 'aimcos' user management interface. On the left is a sidebar with navigation links: Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing, CMS, Settings, Setup, Locales, Types, Log, and English. The main content area is titled 'Group: New (Pasar Malam)' and includes 'Cancel' and 'Save' buttons. A 'Basic' tab is active, showing a form with two fields: 'Code' with the value 'MRK' and 'Label' with the value 'Marketing'. A 'Bug or suggestion?' link is at the bottom right.

- Berhasil Menambahkan kategori user

The screenshot shows the 'aimcos' user management interface after successfully adding a new user category. The main content area displays a table titled 'Group (Pasar Malam)' with columns for selection, Code, Label, and actions. The table contains three rows: 'admin' (Administrator), 'editor' (Editor), and 'MRK' (Marketing). Below the table is a pagination control showing 'Page 1 of 1' and a limit of '25'. A URL bar at the bottom left shows 'https://aimeos.org/update/?type=Laravel&version=2022.10.3'. A 'Bug or suggestion?' link is at the bottom right.

	Code	Label		
<input type="checkbox"/>			🔍	✕
<input type="checkbox"/>	admin	Administrator	📄	🗑️
<input type="checkbox"/>	editor	Editor	📄	🗑️
<input type="checkbox"/>	MRK	Marketing	📄	🗑️

- Edit User Group

aimcos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Group: 3 - Marketing (Pasar Malam)

? Cancel Save

Basic

Modified: 2023-01-23 16:02:15
Created: 2023-01-23 16:02:15
Editor: chandika7d@gmail.com

Code * marketing

Label * Marketing

Bug or suggestion?

- Berhasil Edit Kategori User

aimcos

Pasar Malam

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

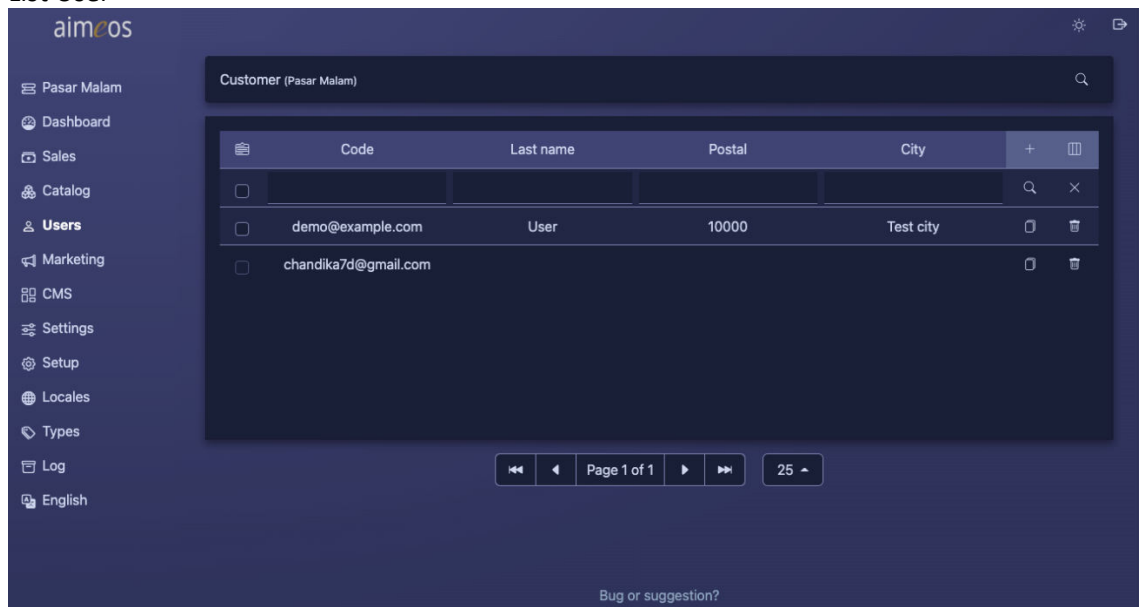
Group (Pasar Malam)

	Code	Label	+	
<input type="checkbox"/>			Q	X
<input type="checkbox"/>	admin	Administrator	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	editor	Editor	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	marketing	Marketing	<input type="checkbox"/>	<input type="checkbox"/>

Page 1 of 1 25

Bug or suggestion?

- List User



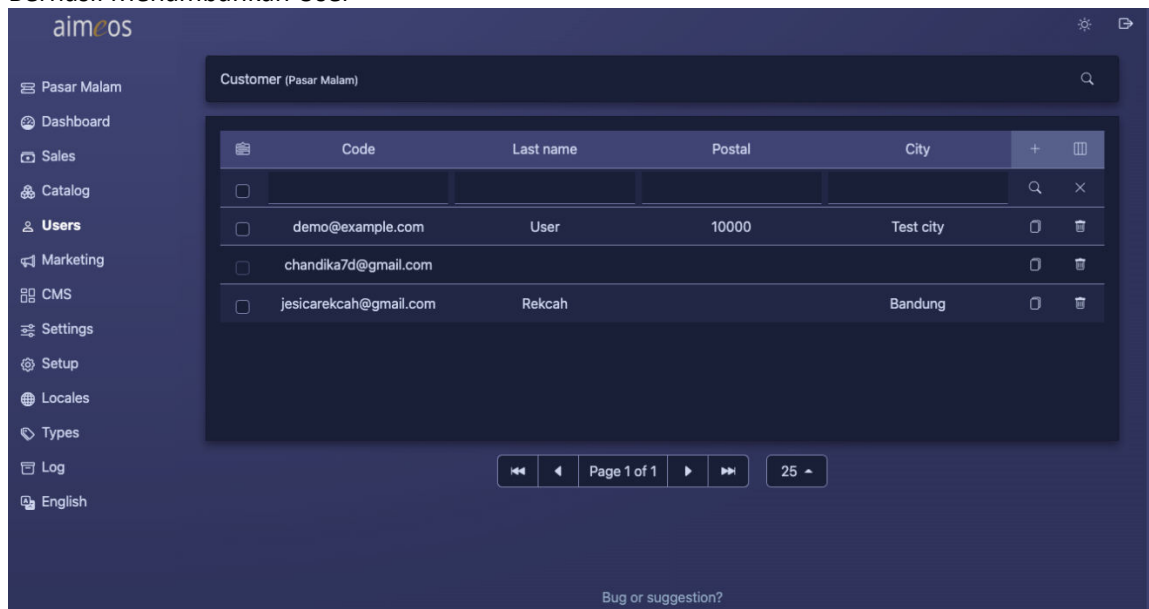
- Menambahkan User

The screenshot shows the 'aimcos' application interface for adding a new user. The sidebar menu is the same as in the previous screenshot. The main content area is titled 'Customer: New (Pasar Malam)' and features a 'Basic' tab. The form includes several sections:

- Status:** A dropdown menu set to 'Enabled'.
- Account:** A text field containing 'jesicarekcah@gmail.com'.
- Password:** A text field with masked characters '.....'.
- Verified:** A text field containing '2023-01-23'.
- User groups:** A list of roles: 'Administrator (admin)', 'Editor (editor)', and 'Marketing (marketing)'.
- Personal data:** A section with fields for 'Language' (set to 'Indonesian'), 'Salutation' (set to 'none'), 'Title' (set to 'Honorary title (optional)'), and 'Last name' (set to 'Last name (required)').
- Billing address:** A section with fields for 'Street' (set to 'Street name (optional)'), 'House number' (set to 'House number (optional)'), 'Floor / Apartment' (set to 'Floor and/or apartment (op)'), and 'Zip code' (set to 'Zip code (optional)').

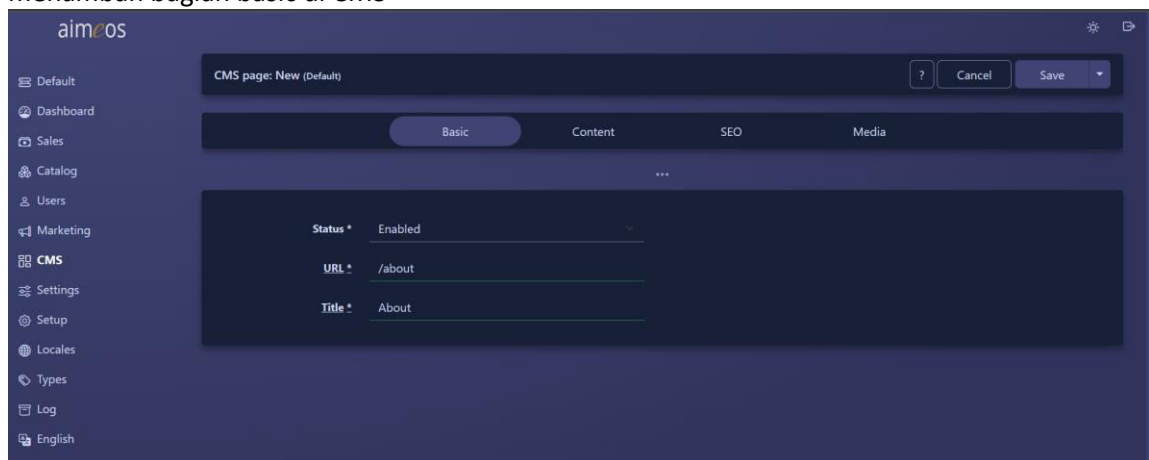
 At the top right of the form, there are buttons for '?', 'Cancel', and 'Save'. Below the 'Basic' tab, there are fields for 'Modified:', 'Created:', and 'Editor:'.

- Berhasil Menambahkan User

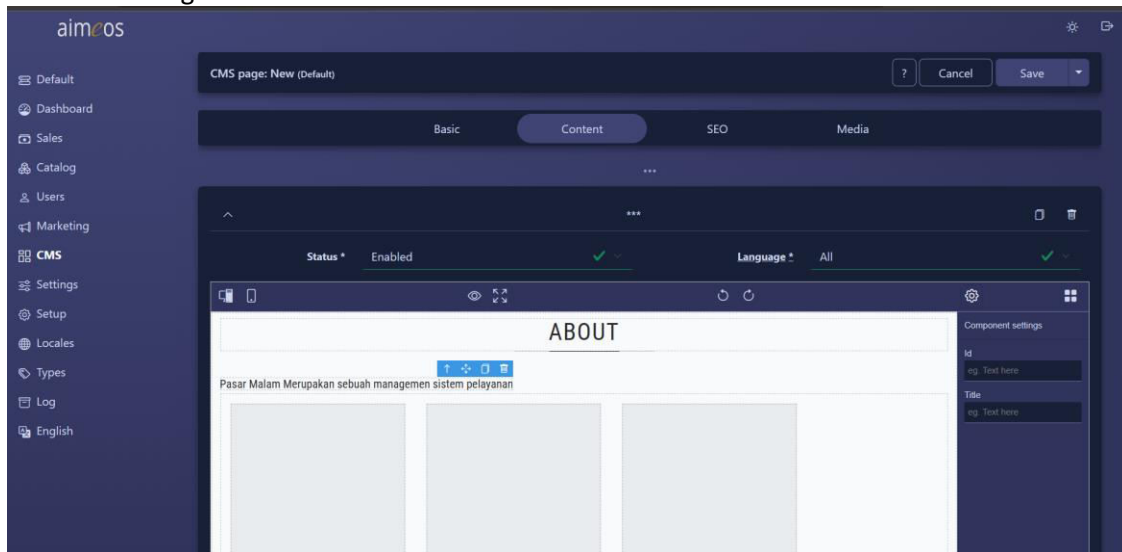


CMS

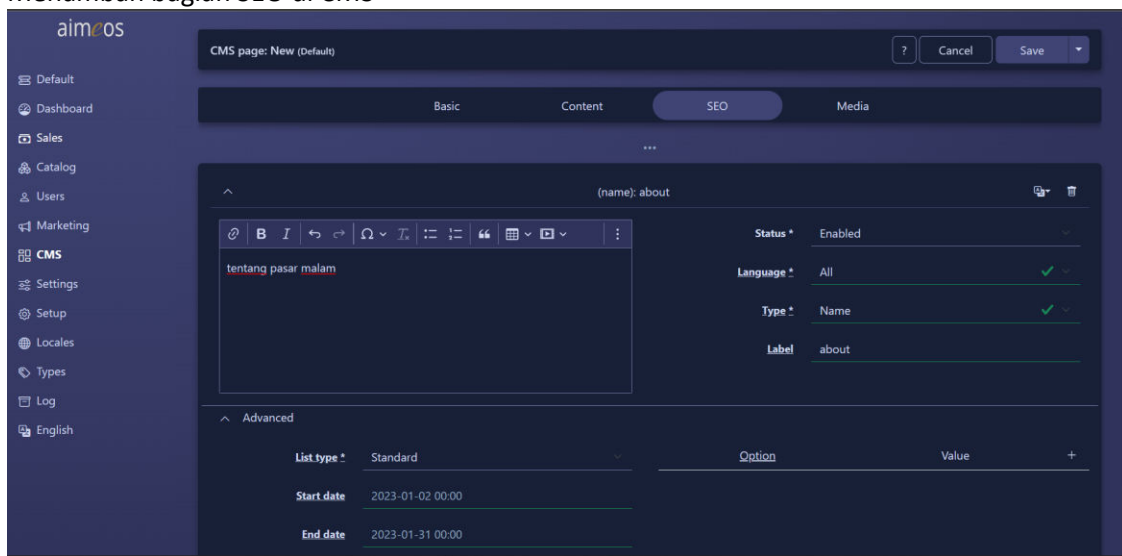
- menambah bagian basic di CMS



- Menambah bagian Content di CMS



- Menambah bagian SEO di CMS



- Menambah bagian Media di CMS

The screenshot shows the 'Media' tab in the CMS interface. The main content area displays a media item named 'WebServices.pdf (default)'. To the left of the item is a dashed box placeholder with the text 'WebServices.pdf'. To the right, the configuration details are shown:

- Status ***: Enabled
- Title ***: WebServices.pdf
- Language**: All

Below these details is an 'Advanced' section with a table:

	Start date	End date	Option	Value	
	2023-01-02 00:00	2023-01-31 00:00			+

At the bottom right, there is a link for 'Bug or suggestion?'.

- Data berhasil ditambahkan

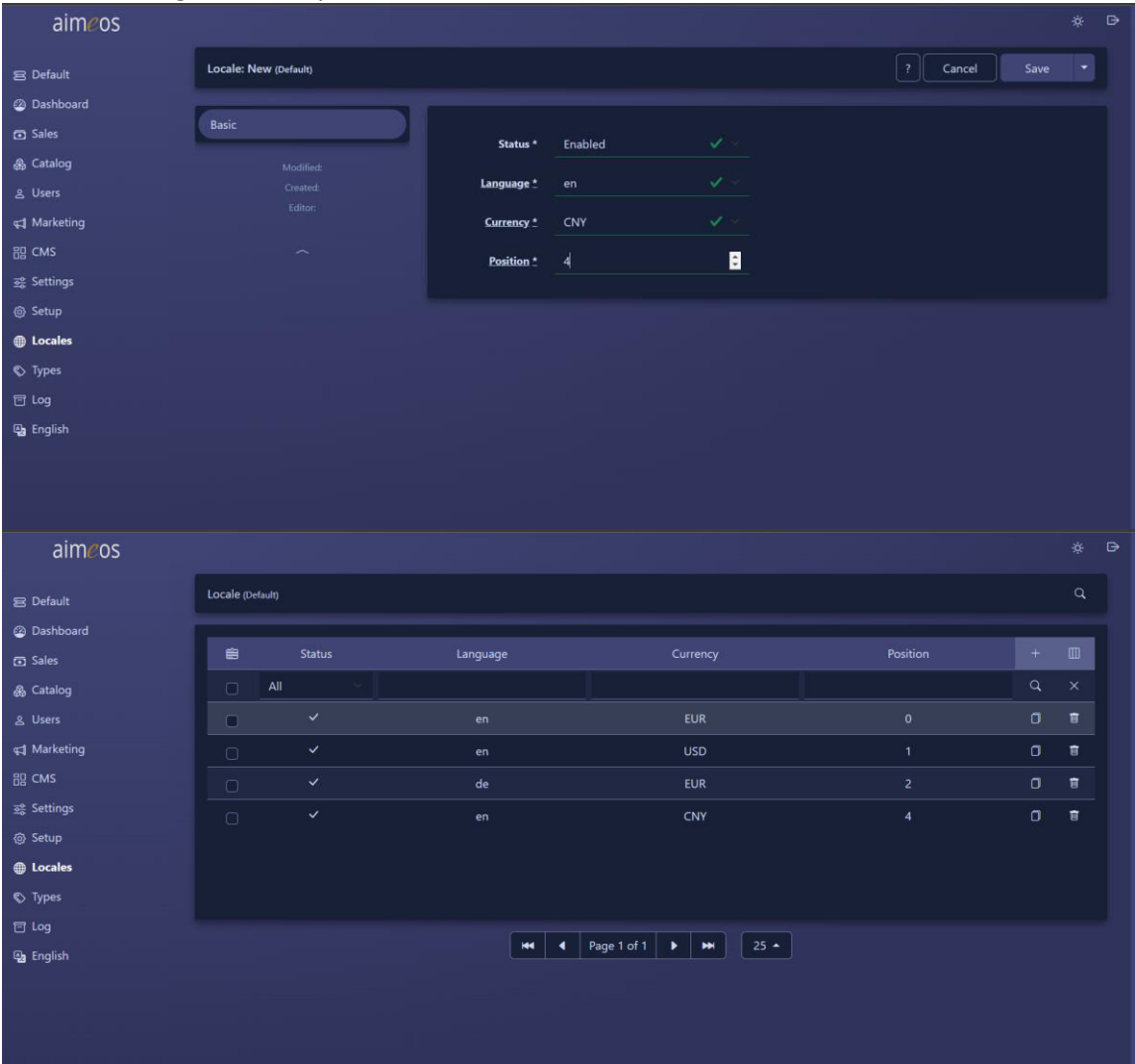
The screenshot shows the 'CMS pages (Default)' view. It displays a table with the following columns: Status, URL, Title, and actions (+, search, delete). The table contains three rows of data:

	Status	URL	Title		
<input type="checkbox"/>	All			Q	X
<input type="checkbox"/>	✓	/	Demo homepage	Q	✖
<input type="checkbox"/>	✓	/about	About	Q	✖

At the bottom, there is a pagination control showing 'Page 1 of 1' and a '25' items per page selector. A 'Bug or suggestion?' link is at the bottom right.

LOCALES

- Menambah bagian locales pada menu locales



- Menambah site pada menu locales

Default

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Site: New

Basic

Status *	Enabled	Option	Value
Code *	default	resource/email/from-err	user1@gmail.com
Label *	user 1		

Default

Dashboard

Sales

Catalog

Users

Marketing

CMS

Settings

Setup

Locales

Types

Log

English

Sites

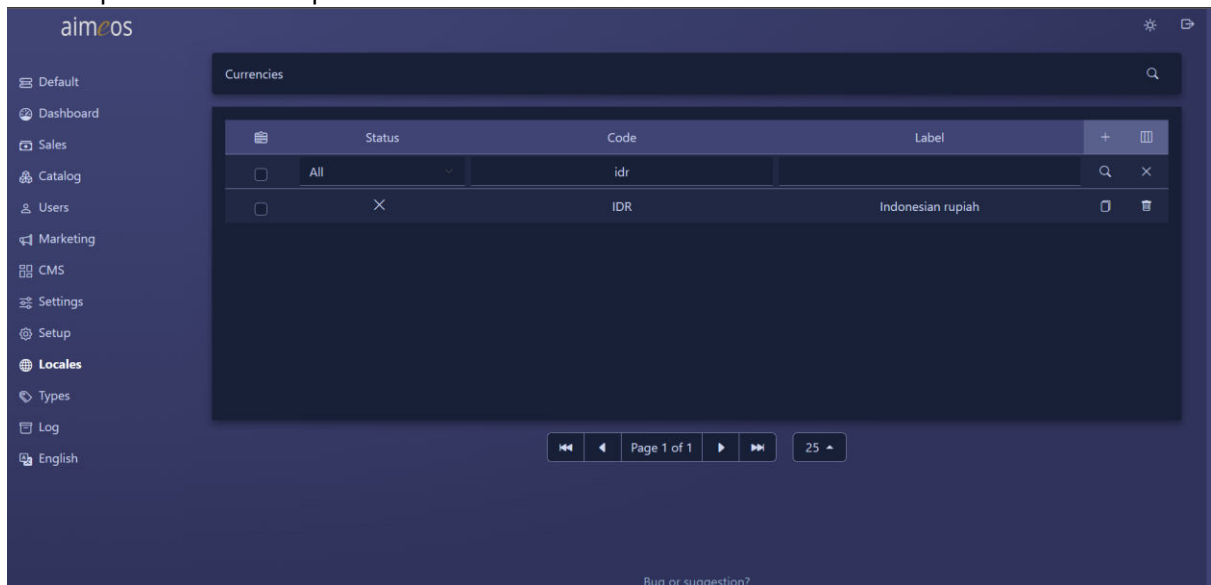
	Status	Code	Label	Config		
<input type="checkbox"/>	All				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	✓	default	Default	resource: "email": "from-email": "opiksetiawar theme: "default": "-ai-product-image-ratio":	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	✓	user1	user1	resource: "email": "from-email": "user1@gmai	<input type="checkbox"/>	<input type="checkbox"/>

Page 1 of 125

- Menampilkan languages pada menu locales



- Menampilkan Currencies pada menu locales



URL Github : <https://github.com/nkaprianto/uasSoa>