

SERVICE ORIENTED ARCHITECTURE

“Ujian Akhir Semester”



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Informatika B

**FAKULTAS TEKNIK
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BANDUNG
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Bagian 1

1. – *Google services* merupakan suatu layanan yang dikembangkan oleh perusahaan bernama google yang berkhususkan pada jasa dan produk internet, sehingga memudahkan pengguna internet untuk menikmati layanan dari google yang bertujuan untuk mempermudah pekerjaan pengguna, ditambah banyak layanan google yang gratis sehingga makin banyak pengguna menggunakan layanan google (*Goolgle Services*).
– Sedangkan *Amazon Web Services (AWS)* adalah sebuah layanan yang dikembangkan oleh perusahaan bernama amazon yang merupakan *platform cloud* paling komprehensif dan digunakan secara luas di dunia, menawarkan lebih dari 200 layanan unggulan yang lengkap dari pusat data secara global. Jutaan pelanggan - termasuk beberapa startup dengan pertumbuhan tercepat, perusahaan terbesar, dan lembaga pemerintah terkemuka - menggunakan AWS untuk memangkas biaya, menjadi lebih sigap, dan berinovasi lebih cepat.

Dapat disimpulkan bahwa, google service menawarkan layanan yang dapat diakses oleh perorangan maupun organisasi/perusahaan, sedangkan Amazon Web Service (AWS) menawarkan layanan yang ditujukan untuk organisasi/perusahaan.

2. Berikut merupakan aplikasi yang ada pada *Amazon Web Services (AWS)*:

Layanan Komputasi :

- a. Amazon Elastic Compute Cloud (EC2)
- b. Elastic Load Balancing
- c. Amazon Elastic Map Reduce

Layanan Penyimpanan :

- a. AWS Storage Gateway
- b. Amazon Simple Storage Service (S3)
- c. Amazon CloudFront
- d. Amazon Elastic Block Store (EBS)

Layanan Basis Data :

- a. Amazon SimpleDB
- b. Amazon Relational Database Service (RDS)

- c. Amazon ElastiCache
- d. Amazon DynamoDB

Layanan Jaringan :

- a. Amazon Route 53
- b. Amazon Virtual Private Cloud (VPC)

Layanan Aplikasi :

- a. Amazon CloudSearch
- b. Amazon Simple Queue Service (SQS)
- c. Amazon Simple Workflow Service (SWF)
- d. Amazon Simple Email Service (SES)
- e. Amazon Simple Notification Service (SNS)

3. **Laravel** merupakan Laravel adalah framework berbasis bahasa pemrograman PHP yang bisa digunakan untuk membantu proses pengembangan sebuah website agar lebih maksimal. Framework Laravel menggunakan struktur MVC . Dengan adanya model MVC, pengguna Laravel menjadi lebih mudah dalam mempelajari Laravel.

4. ***Model View Controller*** atau yang dapat disingkat MVC adalah sebuah pola arsitektur dalam membuat sebuah aplikasi dengan cara memisahkan kode menjadi tiga bagian yang terdiri dari:

- ***Model***

Bagian yang bertugas untuk menyiapkan, mengatur, memanipulasi, dan mengorganisasikan data yang ada di database.

- ***View***

Bagian yang bertugas untuk menampilkan informasi dalam bentuk Graphical User Interface (GUI).

- ***Controller***

Bagian yang bertugas untuk menghubungkan serta mengatur model dan view agar dapat saling terhubung.

5. REST mewakili serangkaian batasan yang harus diikuti saat Anda mengembangkan aplikasi di internet. Suatu API akan disebut sebagai **RESTful**

API apabila mampu memenuhi ketentuan dan batasan yang ditetapkan oleh gaya arsitektur REST ini. Dengan aturan ini, aplikasi yang dikembangkan bisa memiliki antarmuka yang tersusun rapi serta prosedur yang terstandardisasi dan mudah direpresentasikan. Berikut merupakan beberapa Restful API yang ada pada framework laravel:

a. HTTP REST

HTTP REST yang merupakan singkatan dari REpresentational State Transfer di projek laravel sangat mudah dengan bantuan library di php guzzle dan dikemas secara default oleh laravel menjadi Illuminate\Support\Facades\Http dan Http::.

b. API Resource

Merupakan sebuah layer yang mentransformasi data yang didapatkan dari model yang mengubahnya menjadi format JSON dengan lebih cepat dan lebih baik.

- 6. Microservices** adalah teknologi yang mulai banyak perusahaan adopsi. Terutama yang bergerak secara digital. Baik e-commerce, jasa transportasi, layanan properti, dan banyak lagi. Berikut merupakan microservices yang ada pada Laravel:

a. Laravel Lumen

Merupakan PHP micro framework yang dikembangkan oleh laravel untuk mengakomodasi developer dalam mengembangkan website dari sisi server. Laravel lumen biasa digunakan dalam pembuatan Rest API dan Refsfull API.

b. Laravel Aimeos

Aimeos adalah paket e-commerce profesional, berfitur lengkap, dan sangat cepat untuk Laravel! Anda dapat menginstalnya di aplikasi Laravel yang ada dalam waktu 5 menit dan dapat mengadaptasi, memperluas, menimpa, dan menyesuaikan apa pun sesuai kebutuhan Anda.

c. Laravel Boilerplate

Laravel Boilerplate memberi permulaan yang besar pada aplikasi web ukuran apa pun. Disisi lain, memiliki fitur seperti backend yang dibangun di atas CoreUI dengan otorisasi Spatie/Izin. Ini memiliki perancangan frontend yang dibangun di atas Bootstrap 4. Fitur lain seperti Otentikasi Dua Faktor, manajemen Pengguna/Peran, tabel yang dapat dicari/diurutkan yang dibangun di plugin tabel Laravel Livewire saya, peniruan pengguna, dukungan zona waktu, dukungan multibahasa dengan 20+ bawaan bahasa, mode demo, dan banyak lagi.

7. – Instalasi Laravel di server local (XAMPP)

Untuk menginstall laravel di server lokal, kita memerlukan beberapa komponen seperti XAMPP(cross-platform, Apache, Mysql, Perl, PHP) yang berfungsi sebagai server lokal untuk menampung beberapa komponen tersebut. Untuk menginstal laravel versi 9 (terbaru) dibutuhkan beberapa syarat, salah satunya adalah kita harus memiliki php versi >8.0.0. kemudian kita menginstal composer lalu kemudian kita menjalankan script instalasi laravel di terminal (gratis). Ketika kita sudah membuat salah satu project, kita harus panggil projet tersebut di terminal dengan script “php artisan serve”. Kemudian akan ada akses untuk membuka project tersebut dan hanya dapat dilihat oleh pemilik project (non-public). Dalam menginstal laravel di server local menghabiskan ruang penyimpanan perangkat yang cukup besar.

- Instalasi Laravel di cloud hosting

Untuk menginstall laravel di cloud hosting itu lebih sederhana dibandingkan menginstall di server lokal. Pertama tama Pastikan hosting mendukung laravel kemudian kita harus memiliki akun untuk mengakses cloud hosting (cenderung berbayar) kemudian kita mengakses fitur Apps installer di cloud hosting. Kemudian menjalankan script instalasi laravel lalu kita atur software setup kemudian cek apakah instalasi sudah berhasil. Jika sudah berhasil maka laravel akan terinstal secara otomatis di hosting sesuai dengan domain yang kita pilih. Dalam menginstal laravel di cloud hosting tidak menghabiskan ruang penyimpanan perangkat dikarenakan di dalam cloud hosting terdapat ruang penyimpanan yang cukup besar sehingga tidak akan memakai penyimpanan perangkat.

8. 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 yang juga menggunakan pendekatan AGILE dalam rekayasa perangkat lunak.

9. 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.

10. Langkah-langkah membuat project site map xml dengan menggunakan framework laravel.

- a. Install project laravel 8 baru menggunakan script yang sudah disediakan laravel.
- b. Untuk membuat project laravel dengan laravel versi terbaru, kita mengakses 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**.
- c. Buat database baru di phpMyAdmin dengan nama sesuai yang kita inginkan (di project ini, saya membuat database dengan nama sitemap).
- d. Sesuaikan DB_DATABASE dengan nama database yang baru dibuat di langkah nomor 2.
- e. Buat file model dan migration Post dengan command **php artisan make:model Post -m**.
- f. 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');
    }
}
```

- g. Jalankan command **php artisan migrate** untuk membuat table atau migrasi file migration di folder database>migration ke database phpMyAdmin.
- h. Buat file factory untuk membuat data dummy dengan command **php artisan make:factory PostFactory -m Post**.

- i. 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 officiis 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,
    },
    ...
  ]
}
```

- j. 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.

- k. Install package spatie laravel sitemap dengan menjalankan command **composer require spatie/laravel-sitemap** di terminal.
- l. Jalankan command **php artisan vendor:publish provider="Spatie\\Sitemap\\SitemapServiceProvider" --tag=config** untuk menyalin file sitemap.php ke dalam folder config.
- m. Buka file web.php (ctrl+P). 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'));
});
```

- n. 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 ×
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

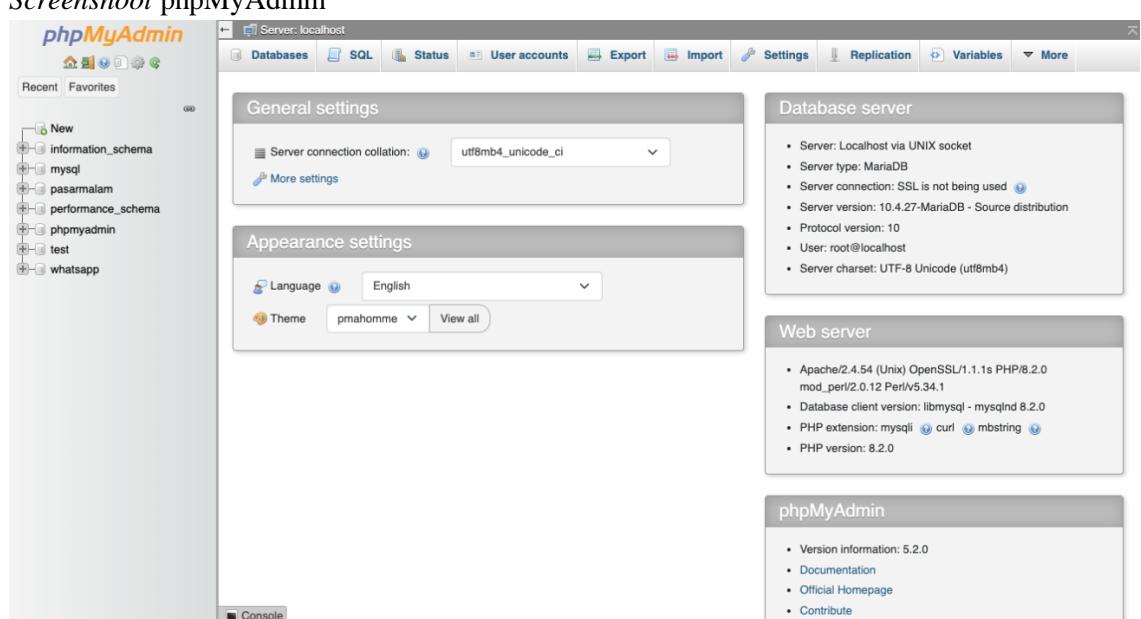
Sprint 0 : Perencanaan
0 Day 1, Sprint 0 : 1jam, Persiapan

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

Screenshot XAMPP



Screenshot 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 (pengembang *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 1.0.0 Screenshot tampilan Laravel yang berhasil diinstall berupa tampilan halaman awal, halaman login, dashboard. Simpan Prototype 1.0.0 di Github.

- Laravel Aiemos berhasil diinstall

```
php composer create-project aimeos/aimeos myshop

If you are still using PHP 7.3 or 7.4, install A
MINGW64\claranon\www
- Password:123
wget https://getcomposer.org/download/ Add "admin" group to user "" for site "default"
php composer create-project aimeos/aim
You will be asked for the parameters of your
creating the administration account.

In a local environment, you can use the inter
execute the following command to start the
cd myshop
php artisan serve

Congratulations! You successfully set up your Aimesos shop!
video tutorials: https://www.youtube.com/c/aimesos
Documentation: https://aimesos.org/docs
Get help: https://aimesos.org/help
Contribute: https://github.com/aimesos/aimesos
Give a star: https://github.com/aimesos/aimesos
Made with love by the Aimesos community. Be a part of it!
acer@APTOP-180P413P MINGW64 /d/laragon/www (master)
$ |
```

Note: In an hosting environment, the document root of your virtual host must point to the `../myshop/public/` directory and you have to change the `APP_URL` setting in your `.env` file to your domain without port, e.g.:

```
APP_URL=http://myhostingdomain.com
```

Frontend

- Halaman Awal

```
php composer create-project aimeos/aimeos myshop

If you are still using PHP 7.3 or 7.4, install A
MINGW64\claranon\www
- Password:123
wget https://getcomposer.org/download/ Add "admin" group to user "" for site "default"
php composer create-project aimeos/aim
You will be asked for the parameters of your
creating the administration account.

In a local environment, you can use the inter
execute the following command to start the
cd myshop
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Congratulations! You successfully set up your Aimesos shop!
video tutorials: https://www.youtube.com/c/aimesos
Documentation: https://aimesos.org/docs
Get help: https://aimesos.org/help
Contribute: https://github.com/aimesos/aimesos
Give a star: https://github.com/aimesos/aimesos
Made with love by the Aimesos community. Be a part of it!
acer@APTOP-180P413P MINGW64 /d/laragon/www (master)
$ |
```

Note: In an hosting environment, the document root of your virtual host must point to the `../myshop/public/` directory and you have to change the `APP_URL` setting in your `.env` file to your domain without port, e.g.:

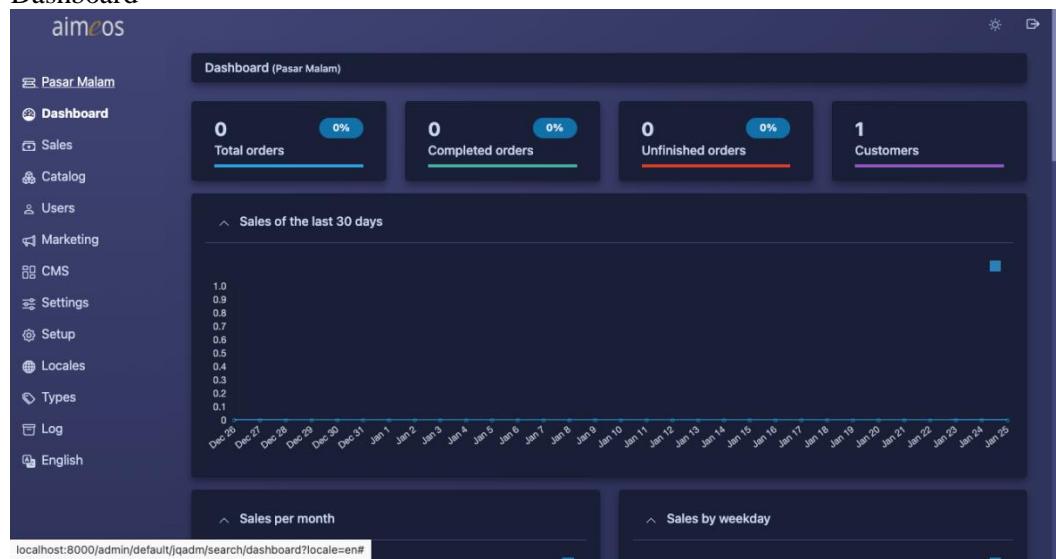
```
APP_URL=http://myhostingdomain.com
```

Frontend

- Halaman Login

The screenshot shows the Aimeos login interface. It features a light gray background with a white login form in the center. The form contains fields for 'Email' (with the value 'chandika7d@gmail.com') and 'Password' (represented by a series of dots). Below these are two buttons: a small one labeled 'Forgot your password?' and a larger dark blue button labeled 'LOG IN'. There is also a 'Remember me' checkbox and a small link at the bottom right.

- 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 1.1.0 Setelah berhasil, membuat screenshot phpmyadmin disimpan di Github sebagai Prototype 1.1.0

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 Github sebagai Prototype 1.2.0

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 Github sebagai Prototype 1.3.0

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



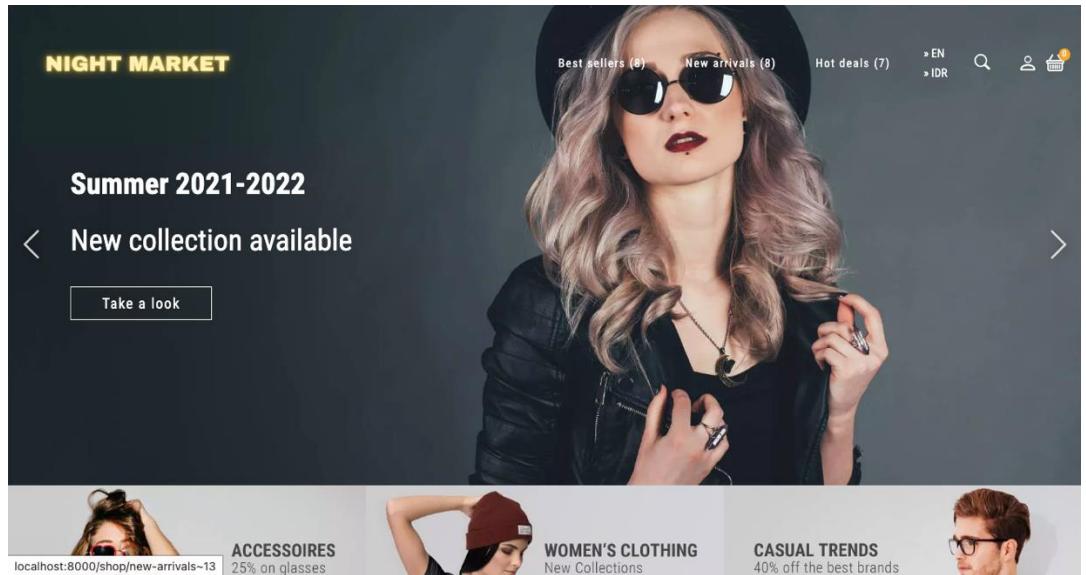
The screenshot shows the Aimeos application interface. On the left is a sidebar with navigation links: Wisata Malam, Dashboard, Sales, Catalog (selected), Users, Marketing, CMS, Configuration, Locales, Types, Log, and English. The main area has a title "Product (Wisata Malam)". Below it is a table with columns: ID, Status, Type, Code, Label, and actions. The table contains 11 rows of product data:

| ID | Status | Type | Code | Label | Action |
|----|--------|---------|------------------------|------------------------|--------|
| 1 | ✓ | default | demo-article | Demo article | |
| 4 | ✓ | select | demo-selection-article | Demo selection article | |
| 5 | ✓ | bundle | demo-bundle-article | Demo bundle article | |
| 6 | ✓ | voucher | demo-voucher | Demo voucher | |
| 8 | ✓ | default | demo-article-2 | Demo article 2 | |
| 9 | ✓ | default | demo-article-3 | Demo article 3 | |
| 10 | ✓ | default | demo-article-4 | Demo article 4 | |
| 11 | ✓ | default | demo-article-5 | Demo article 5 | |

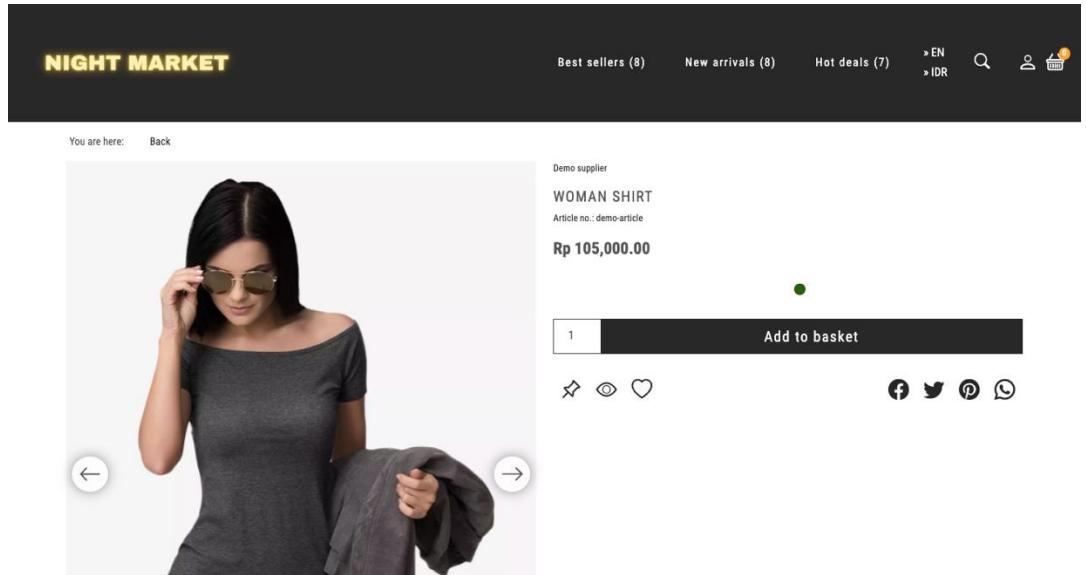
2.4. Setelah tahap 2.3. selesai, Tim Leader melakukan evaluasi fitur. Semua fitur dites dan dipastikan berjalan dengan baik. Setelah tes berhasil, maka Prototype ini disetujui dengan nama Prototype Market Place Pasar Malam versi 1.0. disimpan di GitHub., termasuk screenshot Prototype 1.0. dengan semua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

Test Order

- Halaman Utama



- Detail Produk



- Checkout : Keranjang

BASKET DETAILS

| | Quantity | Price | Sum |
|---------------------------|-----------|------------------|---------------|
| Pasar Malam | 1 | Rp 105,000.00 | Rp 105,000.00 |
| Woman Shirt | 1 | Rp 105,000.00 | Rp 105,000.00 |
| Article no.: demo-article | | | |
| | | Sub-total | Rp 105,000.00 |
| | | Shipping | Rp 12,000.00 |
| | 1 article | Total | Rp 117,000.00 |
| | | Incl. 11.00% tax | Rp 11,594.59 |

COUPON CODES

Coupon codes **Apply**

Back **Checkout**

- Checkout : Form pengiriman

NIGHT MARKET

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

ADDRESS

Fields with an * are mandatory

Billing address

new address like billing address

Salutation _____

First name* _____

Last name* _____

Company _____

Street* _____

Delivery address

new address

First name _____

Last name _____

Company _____

Street _____

- Checkout : Pilih pengiriman

NIGHT MARKET

≡

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

DELIVERY
Please choose your delivery method

| | | |
|--|-----------------|---------|
| <input type="radio"/>  | CLICK & COLLECT | Rp 0.00 |
| Local pick-up Pick-up at one of our local stores | | |
| <input checked="" type="radio"/>  | DHL | Rp 0.00 |
| Delivery within three days The parcel is usually delivered within three working days | | |
| <input type="radio"/>  | 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

| | | |
|--|--|---|
| <input type="radio"/> INVOICE | Pay by invoice within 14 days Please transfer the money within 14 days to BIC: XXX, IBAN: YYY | |
| <input type="radio"/>  | DIRECT DEBIT | Payment via your bank account The money will be collected from your bank account within 1-3 days |
| <input checked="" type="radio"/>  | PAYPAL | Payment via PayPal Easy and secure payment with your PayPal account |

- Rangkuman Checkout

NIGHT MARKET

SUMMARY
Please check your order

| | | | |
|---|--------|----------------------|--------------|
| Billing address | Change | Delivery address | Change |
| Mr Chandika Nurdiansyah Jl.Pasirulyu Bandung 40254 English chandika7d@gmail.com | | like billing address | |
| Delivery | Change | Payment | Change |
| DHL | | PayPal | |
| Coupon codes | Change | Your reference | Your comment |
| | | <input type="text"/> | |

- 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.Pasirulyu Bandung 40254 English chandika7d@gmail.com | like billing address |
| Delivery | Payment |
| DHL | Invoice |

- Order Masuk

| | Invoice | Pay status | Ordered at | Last name |
|--------------------------|---------|------------|---------------------|-------------|
| <input type="checkbox"/> | 2 | authorized | 2023-01-25 17:45:48 | Nurdiansyah |
| <input type="checkbox"/> | 1 | --- | 2023-01-25 17:45:22 | Nurdiansyah |

Dashboard Admin

Potential problems:

- PHP setting "opcache.enable" is disabled

Statistics:

- Total orders: 0 (0%)
- Completed orders: 0 (0%)
- Unfinished orders: 0 (0%)
- Customers: 2

Sales of the last 30 days:

| |
|-----|
| 1.0 |
| 0.9 |
| 0.8 |
| 0.7 |
| 0.6 |
| 0.5 |
| 0.4 |
| 0.3 |

Catalog | Product

- Basic

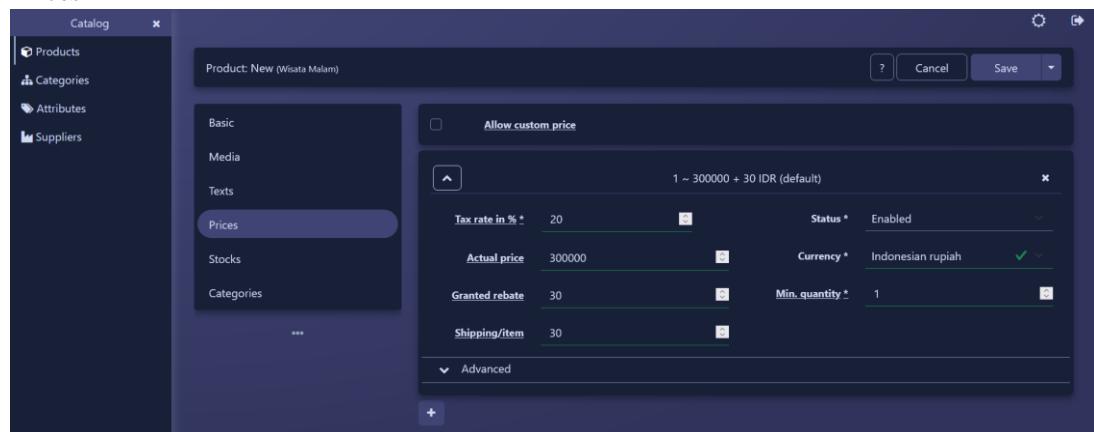
Product: New (Wisata Malam)

| | | |
|------------|----------------------|--------|
| Basic | Status * Enabled | Option |
| Media | Type * Article | Value |
| Texts | SKU * product-test | + |
| Prices | Label * Product Test | |
| Stocks | | |
| Categories | ... | |

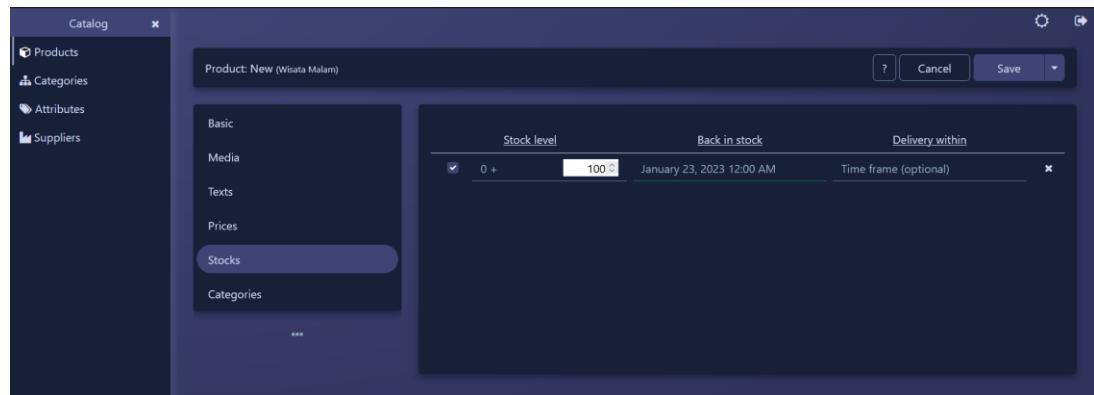
- Media



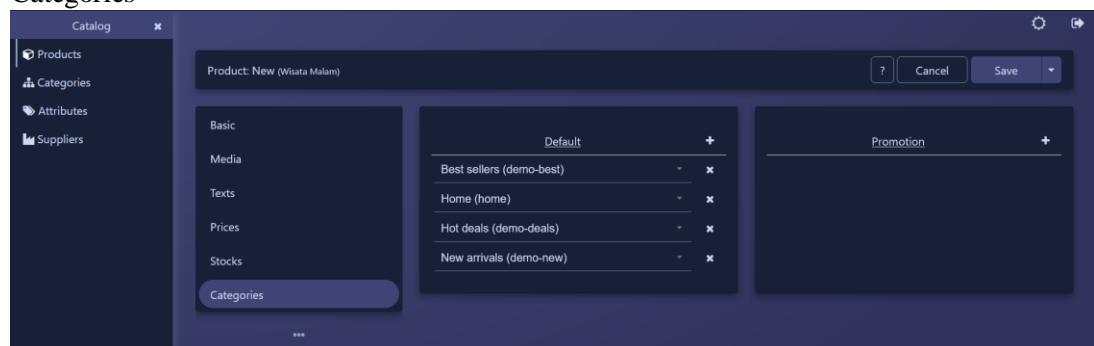
- Prices



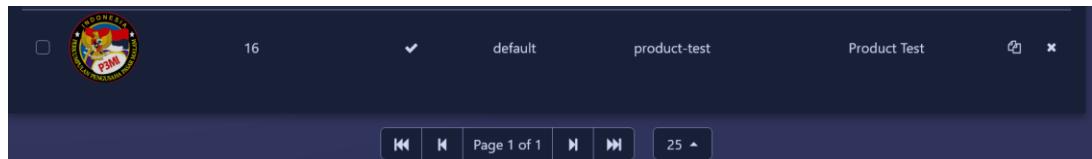
- Stocks



- Categories

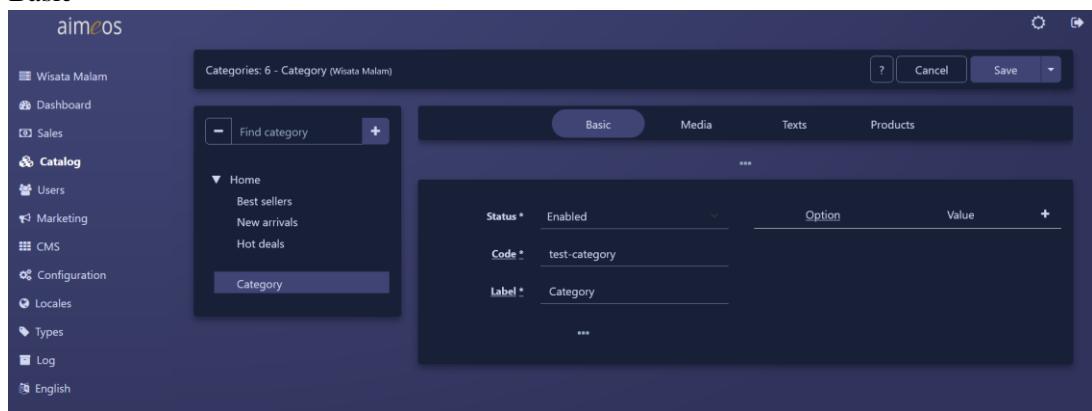


- Hasil

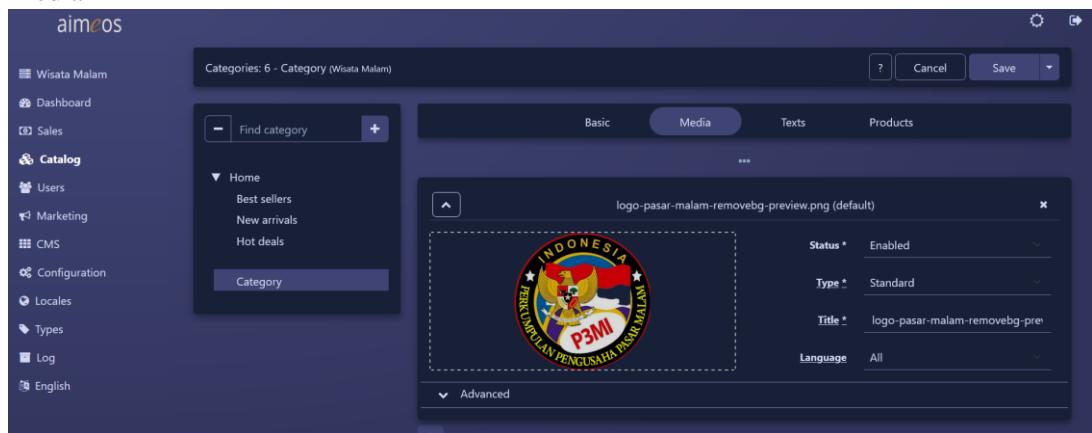


Catalog | Category

- Basic



- Media



- Text

Categories: 6 - Category (Wisata Malam)

Basic Media Texts Products

(meta-description): Test Product Text

Status * Enabled

Language * All

Type * Meta description

Label Test Product Text

- Products

| | Position ↓ | Status | Type | Product |
|---|------------|---------|----------|---------------------------------|
| □ | 0 | Enabled | Standard | 1 - Demo article (demo-article) |

Catalog | Attributes

- Basic

Attribute: New (Wisata Malam)

Basic Media Texts Prices Properties

Domain * Products

Status * Enabled

Type * Please select

Code * test-attributes

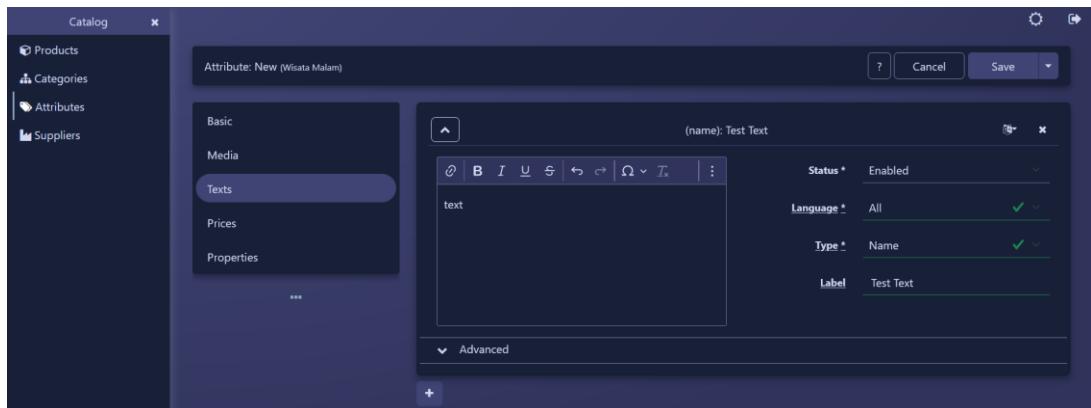
Label * Test Attributes

Position 0

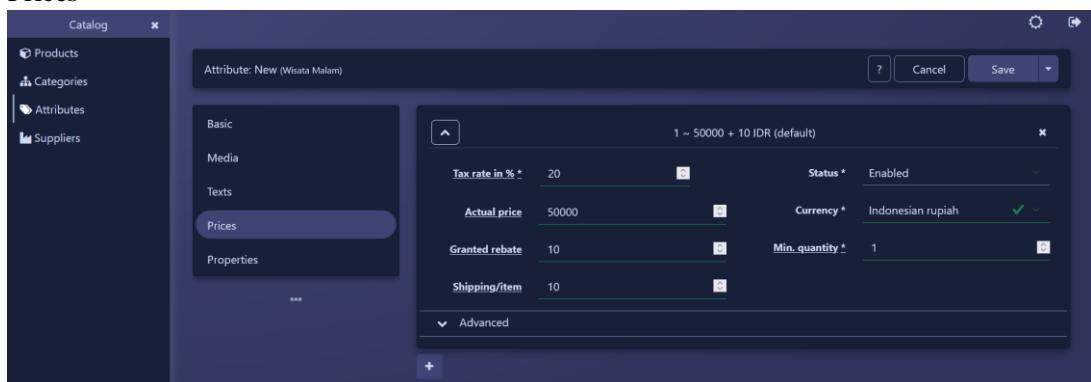
- Media



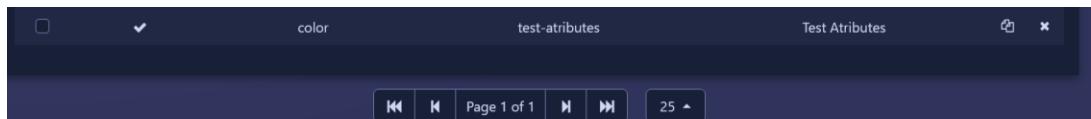
- Text



- Prices



- Hasil



Catalog | Suplier

○ Basic

The screenshot shows the 'Basic' tab of a supplier creation form. On the left, there's a sidebar with 'Catalog' and 'Products' selected. The main area has tabs for 'Basic', 'Addresses', 'Media', 'Texts', and 'Products'. The 'Basic' tab is active, showing fields for 'Status' (Enabled), 'Code' (test-suppliers), and 'Label' (Test Suppliers). A 'Save' button is at the top right.

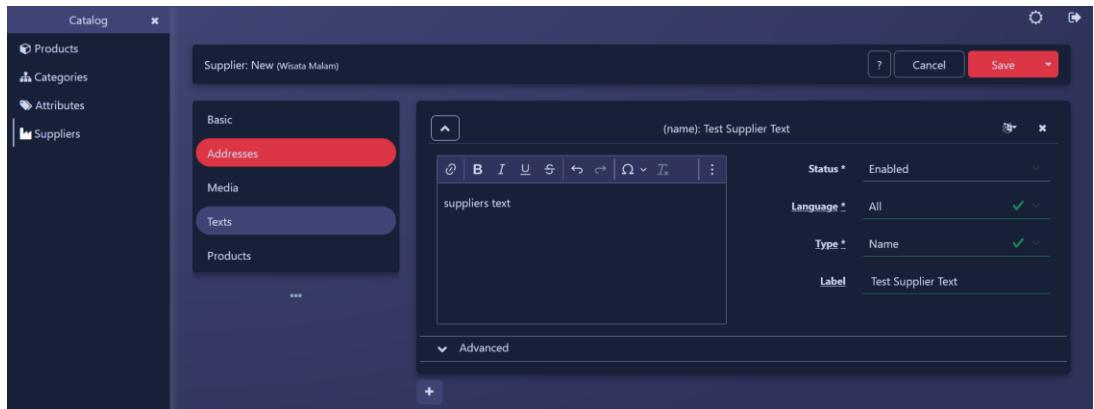
○ Addresses

The screenshot shows the 'Addresses' tab of the supplier creation form. The sidebar shows 'Catalog' and 'Products'. The main area has tabs for 'Basic', 'Addresses', 'Media', 'Texts', and 'Products'. The 'Addresses' tab is active, displaying address fields like Language (English), Salutation (Company), Title (Title), Last name (LastName), First name (FirstName), Street (Street), House number (08912312311), Floor / Apartment (Apartemen), Zip code (40223), City (Bandung), Country (Indonesia), and State (Country state code (optional)). Below these are sections for 'Communication' (Telephone, Facsimile, E-mail, Web site) and 'Company details' (Company, VAT ID).

○ Media

The screenshot shows the 'Media' tab of the supplier creation form. The sidebar shows 'Catalog' and 'Products'. The main area has tabs for 'Basic', 'Addresses', 'Media', 'Texts', and 'Products'. The 'Media' tab is active, showing a preview of a logo file named 'logo-pasar-malam-removebg-preview.png' (default). The file is a circular logo for 'P3MI' featuring the Indonesian flag and the text 'PERKUMPULAN PENGUSAHA PASAR MALAM'. The media card includes fields for 'Status' (Enabled), 'Title' (logo-pasar-malam-removebg-pre), and 'Language' (All). A 'Save' button is at the top right.

- Texts



- Hasil



Configuration

- Basic



Marketing

- List Voucher

The screenshot shows the aimos marketing dashboard under the 'Pasar Malam' store. The left sidebar includes links for Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (selected), CMS, Settings, Setup, Locales, Types, Log, and English. The main area displays a table titled 'By day (Pasar Malam)' with columns for Status, Provider, and Label. A search bar and filter dropdown are at the top of the table. The table shows one row for 'PercentRebate' with the label 'Makin Malam Makin Murah'. Navigation buttons for pages and rows are at the bottom.

- Tambah Voucher Diskon 20%

The screenshot shows the aimos marketing interface for adding a new voucher. The left sidebar is identical to the previous screenshot. The main area has a title 'By day: 5 - Pejuang Gadang (Pasar Malam)' with a 'Cancel' and 'Save' button. On the left, there are tabs for 'Basic' and 'Codes'. The 'Basic' tab shows fields for Status (Enabled), Label (Pejuang Gadang), Provider (PercentRebate), Start date (2023-01-23 23:00), and End date (2023-01-23 00:00). On the right, there is a table for options with columns for Option, Value, and a plus sign. The table contains five rows: 'percentrebate.prc' with value '2', 'percentrebate.prc' with value 'demo-article', 'percentrebate.rek' with value '0', and 'percentrebate.roi' with value '20'. A 'Bug or suggestion?' link is at the bottom.

- Berhasil menambahkan voucher

The screenshot shows the aimcos Marketing module interface. On the left is a sidebar with navigation links: Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (selected), CMS, Settings, Setup, Locales, Types, Log, and English. The main area is titled "By day (Pasar Malam)" and displays a table of vouchers. The table columns are Status, Provider, and Label. Two rows are visible: one for "PercentRebate" with the label "Makin Malam Makin Murah" and another for "PercentRebate" with the label "Pejuang Gadang". At the bottom of the table are navigation buttons for pages and a page size selector set to 25.

- Edit Voucher

The screenshot shows the aimcos Marketing module interface in edit mode for a voucher labeled "Pejuang Gadang". The left sidebar is identical to the previous screenshot. The main area is titled "By day: 5 - Pejuang Gadang (Pasar Malam)". It shows a "Basic" tab selected, which contains fields for Status (Enabled), Label (Pejuang Gadang 20%), Provider (PercentRebate), Start date (2023-01-23 23:00), and End date (2023-01-23 00:00). To the right is a table of configuration options:

| Option | Value | Add |
|-------------------|--------------|--------------------|
| percentrebate.prc | 2 | trash |
| percentrebate.prc | demo-article | trash |
| percentrebate.rek | 0 | trash |
| percentrebate.roi | 20 | trash |

At the bottom of the screen is a "Bug or suggestion?" link.

- Berhasil Edit Voucher

The screenshot shows the aimcos platform interface. On the left, there is a sidebar with various menu items: Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (which is currently selected), 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 columns are labeled: Status, Provider, and Label. There are two rows in the table:

| Status | Provider | Label |
|--------|---------------|-------------------------|
| All | PercentRebate | Makin Malam Makin Murah |
| ✓ | PercentRebate | Pejuang Gadang 20% |

At the bottom of the main content area, there are navigation buttons for page navigation and a page size selector set to 25. A "Bug or suggestion?" link is located at the very bottom.

- List Price Rules

The screenshot shows the aimcos platform interface. The sidebar is identical to the previous one, with the "Marketing" item selected. The main content area is titled "Rules (Pasar Malam)" and displays a table. The columns are labeled: Status, Position, Label, and Provider. There is one row in the table:

| Status | Position | Label | Provider |
|--------|----------|-------|----------|
| All | | | |

The message "No items found" is displayed below the table. Navigation buttons and a page size selector are at the bottom, and a "Bug or suggestion?" link is at the bottom.

- Menambahkan Price Rule

The screenshot shows the aimos application interface. On the left, there's a sidebar with navigation links: Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (which is currently selected), CMS, Settings, Setup, Locales, Types, Log, and English. The main content area has a title 'Rule: New (Pasar Malam)'. It contains a 'Basic' tab and several configuration fields:

| Status * | Enabled | Option | Value | + |
|------------|----------------|-----------|-------|---|
| Label * | Diskon Lebaran | last-rule | no | ✓ |
| Provider * | Percent | percent | 5 | |
| Position * | 0 | ... | | |

At the bottom right of the main window are 'Cancel' and 'Save' buttons. A footer bar at the bottom of the screen says 'Bug or suggestion?'.

- Berhasil menambahkan price rule

The screenshot shows the 'Rules (Pasar Malam)' page. The sidebar on the left is identical to the previous screenshot. The main content area displays a table of rules:

| | Status | Position | Label | Provider | Actions |
|---|--------|----------|----------------|----------|---|
| □ | All | | | | <input type="button" value="Search"/> <input type="button" value="X"/> |
| □ | ▼ | 0 | Diskon Lebaran | Percent | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |

At the bottom of the table are navigation buttons for pages and a page number indicator '25 ▲'. A footer bar at the bottom of the screen says 'Bug or suggestion?'.

- Edit Price Rules

The screenshot shows the aimcos application interface. On the left, there is a sidebar with various navigation items such as Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (selected), CMS, Settings, Setup, Locales, Types, Log, and English. The main area is titled "Rule: 1 - Diskon Lebaran (Pasar Malam)". It contains a "Basic" tab and a table with columns: Status, Label, Provider, Option, and Value. The table shows the following data:

| Status * | Enabled | Option | Value |
|------------|------------------|-----------|-------|
| Label * | Diskon Lebaran | last-rule | yes |
| Provider * | Percent | percent | 5 |
| Position * | 0 | | |
| Start date | 2023-01-24 00:00 | | |
| End date | 2023-01-31 00:00 | | |

At the bottom right of the dialog, there are "Cancel" and "Save" buttons.

- Berhasil edit price rule

The screenshot shows the aimcos application interface. On the left, there is a sidebar with various navigation items such as Pasar Malam, Dashboard, Sales, Catalog, Users, Marketing (selected), CMS, Settings, Setup, Locales, Types, Log, and English. The main area is titled "Rules (Pasar Malam)" and displays a table of rules. The table has columns: Status, Position, Label, and Provider. One row is visible in the table:

| Status | Position | Label | Provider |
|--------|----------|----------------|----------|
| All | 0 | Diskon Lebaran | Percent |

At the bottom right of the table, there are navigation buttons for page navigation and a total count of 25 pages.

- List Review

Review (Pasar Malam)

| | Status | Rating | Comment | Response | Created | |
|-----|--------|--------|---------|----------|---------|--|
| All | | | | | | |

No items found

Page 1 of 1 | 25

User | Category

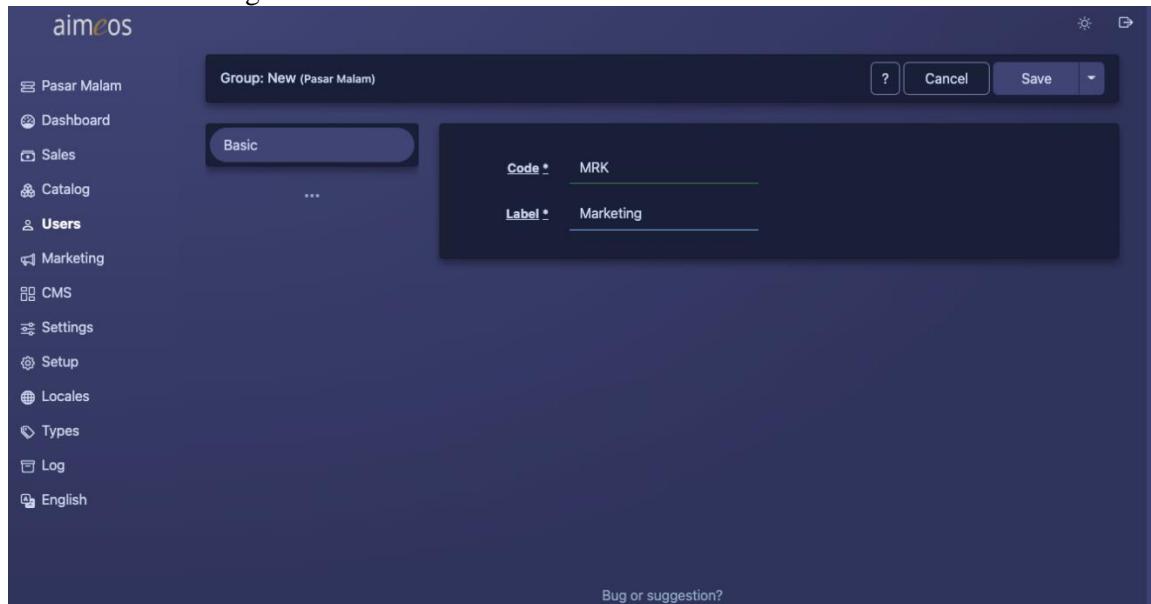
- List Kategori User

Group (Pasar Malam)

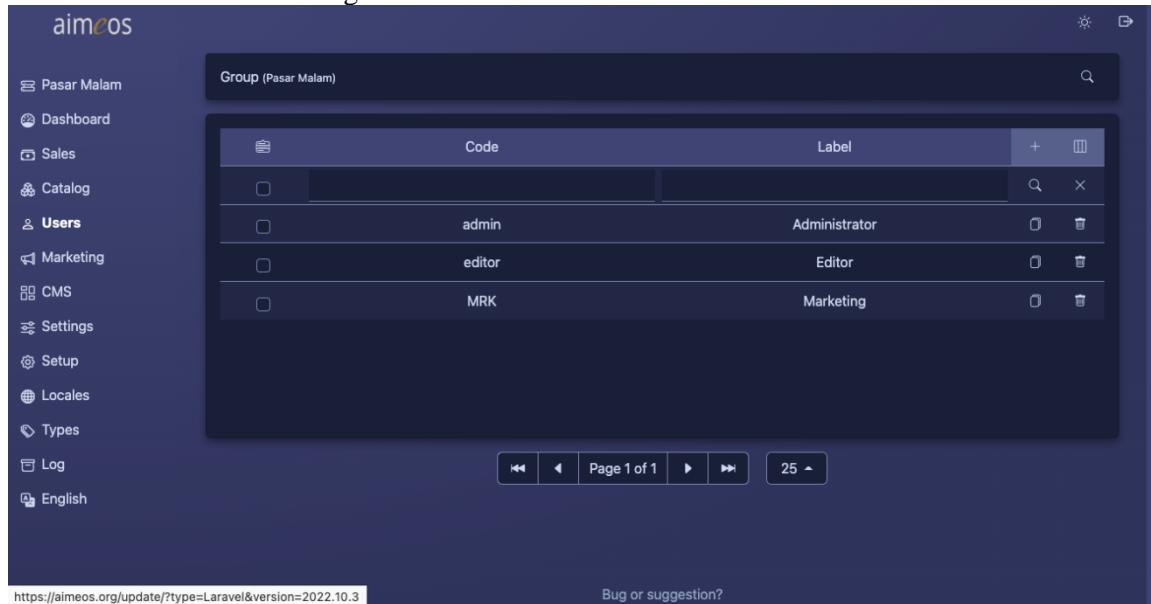
| | Code | Label | |
|--|--------|---------------|---|
| | admin | Administrator | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| | editor | Editor | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |

Page 1 of 1 | 25

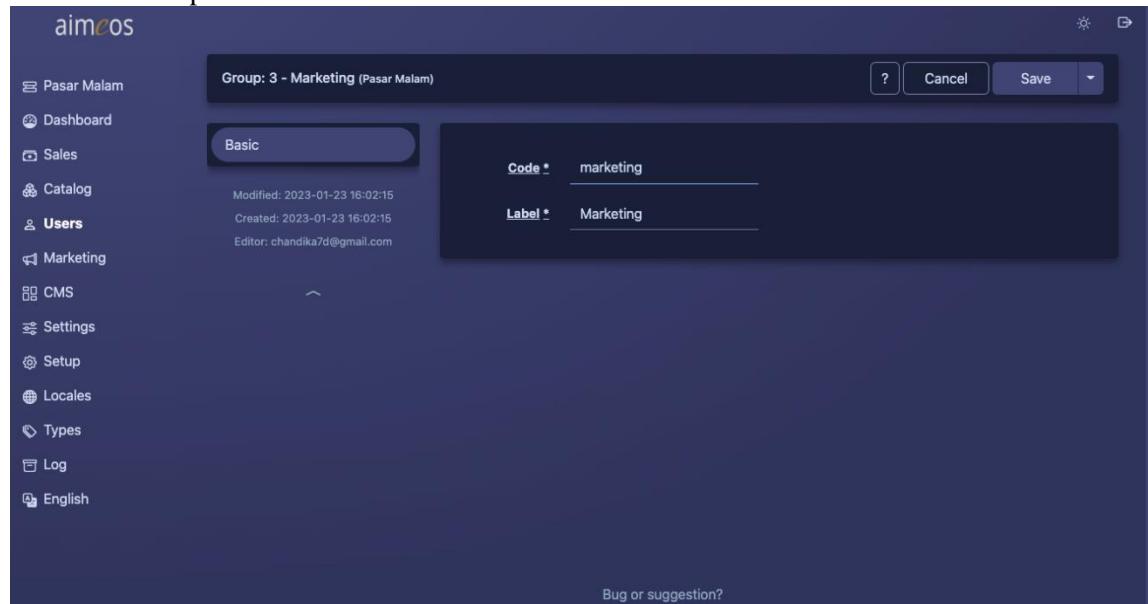
- Menambahkan Kategori User



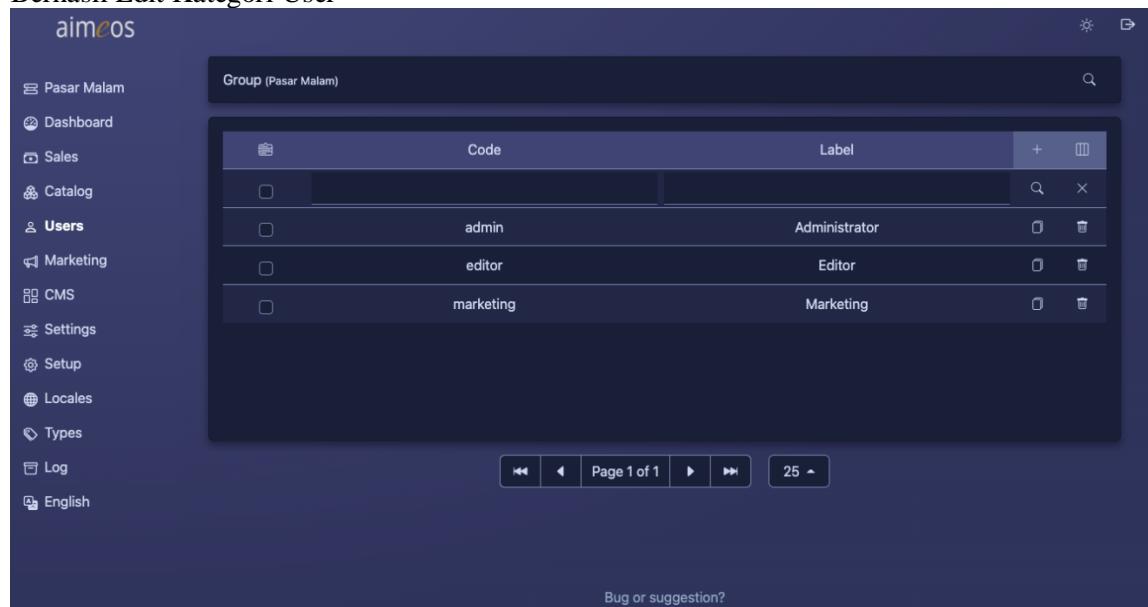
- Berhasil Menambahkan kategori user



- Edit User Group



- Berhasil Edit Kategori User



- List User

The screenshot shows the aimos application interface. On the left is a dark sidebar with various navigation items: Pasar Malam, Dashboard, Sales, Catalog, Users (selected), Marketing, CMS, Settings, Setup, Locales, Types, Log, and English. The main area is titled "Customer (Pasar Malam)" and contains a table with columns: Code, Last name, Postal, City, and actions. Two rows are visible: one with "demo@example.com" and "User" status, and another with "chandika7d@gmail.com". At the bottom are navigation buttons for pages and a page number indicator.

- Menambahkan User

The screenshot shows the aimos application interface for creating a new customer. The sidebar is identical to the previous screenshot. The main form is titled "Customer: New (Pasar Malam)". It has three main sections: "Basic" (with tabs for Addresses, Orders, Products, Properties), "Personal data" (with fields for Language, Salutation, Title, and Last name), and "Billing address" (with fields for Street, House number, Floor / Apartment, and Zip code). On the right, there is a "User groups" section with checkboxes for Administrator (admin), Editor (editor), and Marketing (marketing). A "Save" button is at the top right of the form.

- Berhasil Menambahkan User

| | Code | Last name | Postal | City | |
|--------------------------|------------------------|-----------|--------|-----------|---|
| <input type="checkbox"/> | demo@example.com | User | 10000 | Test city | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| <input type="checkbox"/> | chandika7d@gmail.com | | | | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |
| <input type="checkbox"/> | jesicarekcah@gmail.com | Rekcah | | Bandung | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |

Page 1 of 1 | 25 - Bug or suggestion?

CMS

- menambah bagian basic di CMS

CMS page: New (Default)

Basic Content SEO Media

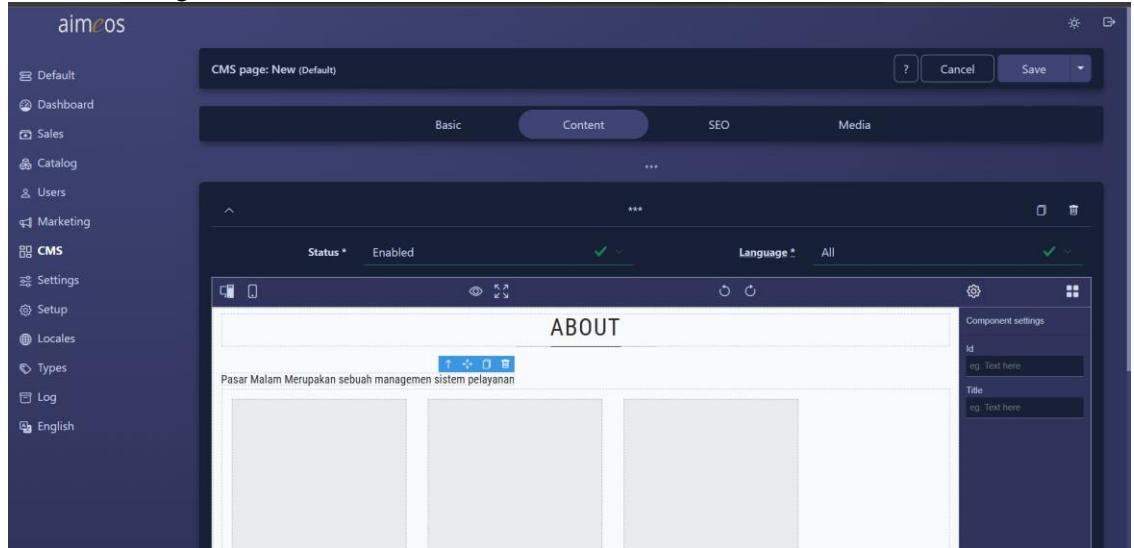
Status * Enabled

URL * /about

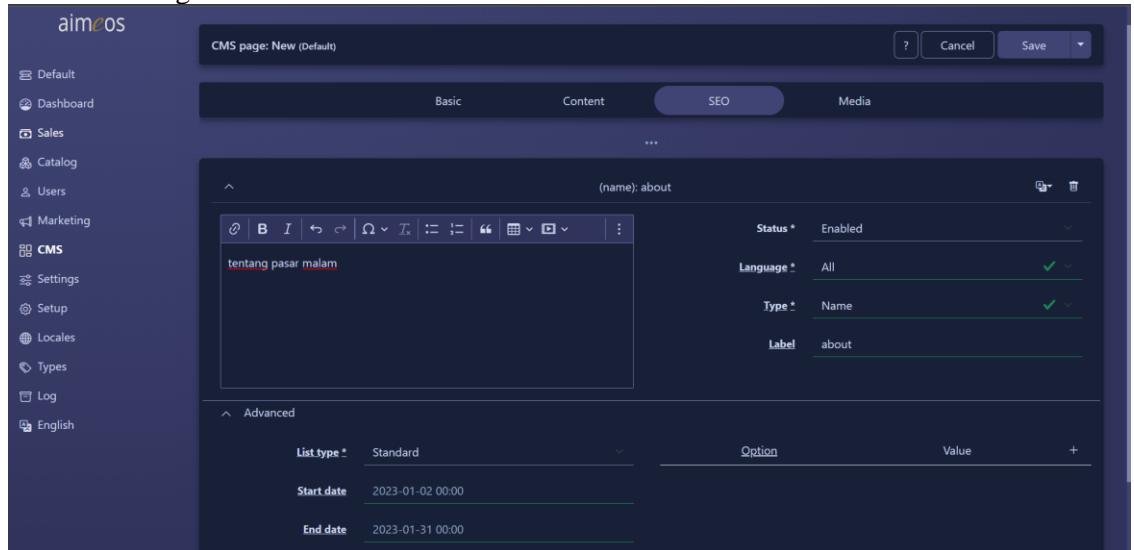
Title * About

Save Cancel

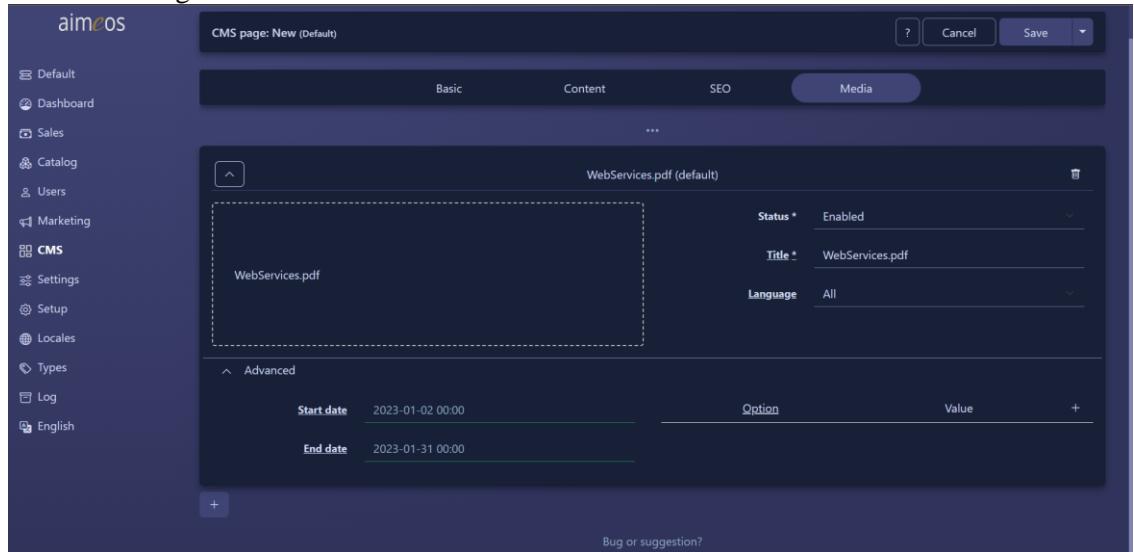
- Menambah bagian Content di CMS



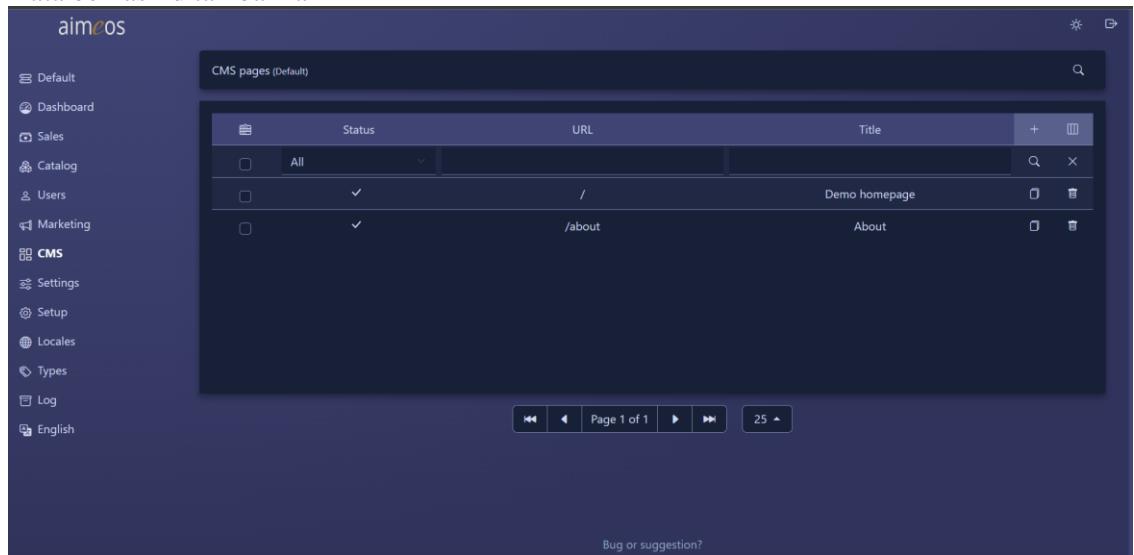
- Menambah bagian SEO di CMS



- Menambah bagian Media di CMS



- Data berhasil ditambahkan



LOCALES

- Menambah bagian locales pada menu locales

The screenshot displays two pages from the aimos application interface related to locales.

Locale: New (Default) (Top Screenshot):

This is a form for creating a new locale. It includes fields for Status (Enabled), Language (en), Currency (CNY), and Position (4). The form has tabs for Basic and Advanced, with the Basic tab currently selected. There are buttons for ? (Help), Cancel, Save, and a dropdown menu.

| Status * | Enabled |
|------------|---------|
| Language * | en |
| Currency * | CNY |
| Position * | 4 |

Locale (Default) (Bottom Screenshot):

This is a list of existing locales. The table columns are Status, Language, Currency, and Position. The data is as follows:

| Status | Language | Currency | Position |
|--------|----------|----------|----------|
| All | | | |
| ✓ | en | EUR | 0 |
| ✓ | en | USD | 1 |
| ✓ | de | EUR | 2 |
| ✓ | en | CNY | 4 |

At the bottom of the list, there are navigation buttons for back, forward, and search, along with a page number indicator (Page 1 of 1) and a page size selector (25).

- Menambah site pada menu locales

The screenshot shows the aimos application interface. On the left, there is a sidebar with various menu items: Default, Dashboard, Sales, Catalog, Users, Marketing, CMS, Settings, Setup, Locales, Types, Log, and English. The Locales item is currently selected.

The main area has two tabs: "Site: New" and "Sites". The "Site: New" tab is active, showing a form to create a new site. The form fields are: Status * (Enabled), Code * (default), and Label * (user1). There is also a table with one row containing an option and a value: "resource/email/from-email" and "user1@gmail.com".

The "Sites" tab is also visible, showing a table of sites. The table has columns: Status, Code, Label, and Config. It contains two rows:

| Status | Code | Label | Config |
|--------|---------|---------|--|
| All | default | Default | resource: "email": "from-email": "opiksetiawar theme: "default": "--ai-product-image-ratio": |
| | user1 | user1 | resource: "email": "from-email": "user1@gmail.com" |

At the bottom of the main area, there are navigation buttons for the table: back, forward, page 1 of 1, and a page size selector set to 25.

- Menampilkan languages pada menu locales

Languages

| | Status | Code | Label | Add | Remove |
|--------------------------|--------|------|---------|--------------------------|--------------------------|
| <input type="checkbox"/> | All | vo | Volapük | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | wa | Walloon | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | wo | Wolof | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | xh | Xhosa | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | yi | Yiddish | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | yo | Yoruba | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | za | Zhuang | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | zu | Zulu | <input type="checkbox"/> | <input type="checkbox"/> |

- Menampilkan Currencies pada menu locales

Currencies

| | Status | Code | Label | Add | Remove |
|--------------------------|--------|------|-------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | All | idr | | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | X | IDR | Indonesian rupiah | <input type="checkbox"/> | <input type="checkbox"/> |

Bug or suggestion?