FRAMEWORK PHP: LARAVEL
MULTIPLE AUTHENTIFICATION #3
KL PEMROGRAMAN WEB LANJUT

FORGOT PASSWORD FOR USER FIXES

1. Jalankan server laravel.

2. **Klik Login > klik Forgot your password? > masukkan email valid yang sudah ter-register > klik Send.**

3. Maka akan muncul error seperti berikut. Hal ini karena belum dilakukan pengaturan terhadap host dan akun email.

4. Dalam praktikum ini akan menggunakan host **gmail**. Gunakan alamat email dan password Anda untuk uji coba. Atur **.env** terkait mail sebagai berikut.

```
MAIL_DRIVER=smtp
MAIL_HOST=smtp.gmail.com
MAIL_PORT=587
MAIL_USERNAME=(isikan email Anda, misal: weblanjut2017@gmail.com)
MAIL_PASSWORD=(isikan password Anda, misal 12345678)
MAIL_ENCRYPTION=tls
```

5. Atur **mail.php** di folder **config** sebagai berikut. Sesuaikan dengan akun Anda.

```
'driver' => env('MAIL_DRIVER', 'smtp'),
'host' => env('MAIL_HOST', 'smtp.gmail.com'),
'port' => env('MAIL_PORT', 587),
'from' => [
    'address' => env('MAIL_FROM_ADDRESS', 'weblanjut2017@gmail.com'),
    'name' => env('MAIL_FROM_NAME', 'Web Lanjut'),
],
'encryption' => env('MAIL_ENCRYPTION', 'tls'),
'username' => env('MAIL_USERNAME','weblanjut2017@gmail.com'),
'password' => env('MAIL_PASSWORD','12345678'),
'sendmail' => '/usr/sbin/sendmail -bs',
'markdown' => [
    'theme' => 'default',

    'paths' => [
      resource_path('views/vendor/mail'),
    ],
  ],
```

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

6. Buka akun gmail Anda. Klik **My Account > klik Sign-in & security > scroll hingga ke bawah, ubah bagian "Allow less secure apps" menjadi ON**.
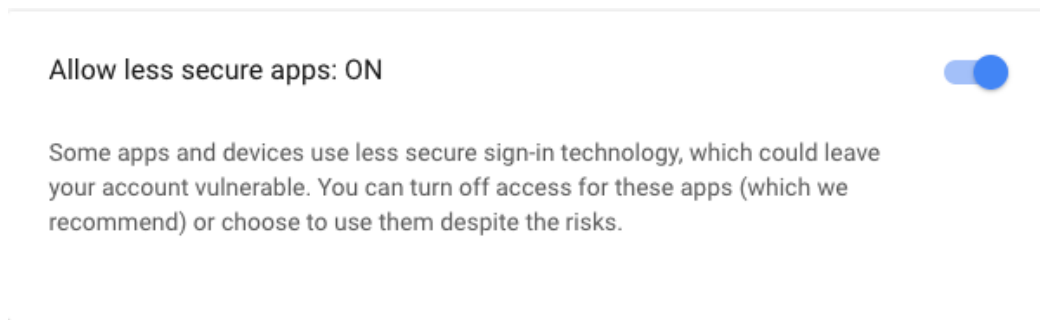
7. **Setiap kali melakukan perubahan pada file .env, lakukan restart server laravel**. Caranya: matikan server laravel > clear cache dengan mengetikkan php artisan config:cache > jalankan server laravel dengan mengetikkan php artisan serve.

8. Klik **Login > klik Forgot your password? > masukkan email valid yang sudah ter-register > klik Send > muncul pesan sukses > cek email**.

9. Klik **Reset Password** yang ada di email. Muncul pesan error, karena url yang diakses adalah **localhost**, sedangkan url local laravel yaitu **http://127.0.0.1:8000**. Maka perlu edit file .env terkait app url.

APP_URL=http://127.0.0.1:8000

10. Restart server laravel.

11. Klik **Login > klik Forgot your password? > masukkan email valid yang sudah ter-register > klik Send > muncul pesan sukses > cek email > pilih pesan untuk reset password > klik Reset Password > menuju ke page Reset Password > coba reset password, jika berhasil akan menuju ke halaman dashboard user**.

FORGOT PASSWORD FOR ADMIN

1. Dari proses forgot password untuk user dapat disimpulkan tahapannya yaitu sebagai berikut.

Step 0: Click the "Forgot Your Password?" Link

Step 1: User Fills Our Request Form

Step 2: User gets email with reset link

Step 3: User Reconfirms Email, and Chooses New Password

Step 4: Submitted form resets password in database, and user is logged in

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

Step 1
[GET] password/reset
ForgotPasswordController
@showLinkRequestForm
email.blade.php

Step 2
[POST] password/email
ForgotPasswordController
@sendResetLinkEmail
ResetPasswordNotification

Step 3
[GET] password/reset/{token}
ResetPasswordController
@showResetForm
reset.blade.php

Step 4
[POST] password/reset
ResetPasswordController
@reset

2. Duplicate dan rename file ResetPasswordController.php di folder app/Http/Controllers/Auth menjadi **AdminResetPasswordController.php.**

3. Modifikasi file AdminResetPasswordController.php sebagai berikut.

```php
<?php

namespace App\Http\Controllers\Auth;

use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\ResetsPasswords;
use Illuminate\Http\Request;
use Password;
use Auth;

class AdminResetPasswordController extends Controller
{
    use ResetsPasswords;

    protected $redirectTo = '/admin';

    public function __construct()
    {
        $this->middleware('guest:admin');
    }

    protected function guard()
    {
      return Auth::guard('admin');
    }

    protected function broker()
    {
      return Password::broker('admins');
    }
}
```

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

4. Tambahkan routing di file web.php dalam folder routes berikut.

```
// Password reset routes
    Route::post('/password/email', 'Auth\AdminForgotPasswordController@sendResetLinkEmail')-
>name('admin.password.email');
    Route::get('/password/reset', 'Auth\AdminForgotPasswordController@showLinkRequestForm')-
>name('admin.password.request');
    Route::post('/password/reset', 'Auth\AdminResetPasswordController@reset');
    Route::get('/password/reset/{token}', 'Auth\AdminResetPasswordController@showResetForm')-
>name('admin.password.reset');
```

5. Duplicate dan rename file view **email.blade.php** di folder resources/views/auth/passwords menjadi **email-admin.blade.php**.

6. Modifikasi file email-admin.blade.php sebagai berikut.

```
..........
<div class="container">
   <div class="row">
      <div class="col-md-8 col-md-offset-2">
         <div class="panel panel-default">
            <div class="panel-heading">ADMIN Reset Password</div>

            <div class="panel-body">
               @if (session('status'))
                  <div class="alert alert-success">
                     {{ session('status') }}
                  </div>
               @endif

               <form class="form-horizontal" method="POST"
action="{{ route('admin.password.email') }}">
..........
```

7. Duplicate dan rename file view **reset.blade.php** di folder resources/views/auth/passwords menjadi **reset-admin.blade.php**.

8. Modifikasi file reset-admin.blade.php sebagai berikut.

```
..........
<div class="container">
   <div class="row">
      <div class="col-md-8 col-md-offset-2">
         <div class="panel panel-default">
            <div class="panel-heading">ADMIN Reset Password</div>

            <div class="panel-body">
               <form class="form-horizontal" method="POST"
action="{{ route('admin.password.request') }}">
..........
```

9. Duplicate dan rename file ForgotPasswordController.php di folder app/Http/Controllers/Auth menjadi **AdminForgotPasswordController.php.**

10. Modifikasi file AdminForgotPasswordController.php sebagai berikut.

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

```php
<?php

namespace App\Http\Controllers\Auth;

use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\SendsPasswordResetEmails;
use Password;

class AdminForgotPasswordController extends Controller
{
    use SendsPasswordResetEmails;

    public function __construct()
    {
        $this->middleware('guest:admin');
    }

    protected function broker()
    {
      return Password::broker('admins');
    }

    protected function showLinkRequestForm()
    {
      return view('auth.passwords.email-admin');
    }
}
```

11. Tambahkan **function sendPasswordResetNotification di model Admin.**

```php
    public function sendPasswordResetNotification($token)
    {
        $this->notify(new AdminResetPasswordNotification($token));
    }
```

12. Buat notification AdminResetPasswordNotification dengan mengetikkan syntak berikut di cmd: **_php artisan make:notification AdminResetPasswordNotification_**. Setelah berhasil akan muncul folder baru yaitu **Notification** di folder app yang terdiri dari file **AdminResetPasswordNotification**.

13. Modifikasi file AdminResetPasswordNotification sebagai berikut.

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

```php
<?php

namespace App\Notifications;

use Illuminate\Bus\Queueable;
use Illuminate\Notifications\Notification;
use Illuminate\Contracts\Queue\ShouldQueue;
use Illuminate\Notifications\Messages\MailMessage;

class AdminResetPasswordNotification extends Notification
{
    use Queueable;

    public $token;

    public function __construct($token)
    {
        $this->token = $token;
    }

    public function via($notifiable)
    {
        return ['mail'];
    }

    public function toMail($notifiable)
    {
        return (new MailMessage)
                ->line('You are receiving this email because we received a password reset request for your account.')
                ->action('Reset Password', url('admin/password/reset', $this->token))
                ->line('If you did not request a password reset, no further action is required.');
    }

    public function toArray($notifiable)
    {
        return [
            //
        ];
    }
}
```

14. Karena dalam model Admin menggunakan class **AdminResetPasswordNotification,** maka harus **import class di model Admin** yaitu dengan menambahkan syntak berikut.

```
use App\Notifications\AdminResetPasswordNotification;
```

15. Tambahkan **function showResetForm di AdminResetPasswordController.php.**

```php
public function showResetForm(Request $request, $token = null)
{
    return view('auth.passwords.reset-admin')->with(
        ['token' => $token, 'email' => $request->email]
    );
}
```

16. Modifikasi view **admin-login.blade.php** di folder resources/views/auth sebagai berikut.

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com

```
<a class="btn btn-link" href="{{ route('admin.password.request') }}">
    Forgot Your Password?
</a>
```

17. Karena merubah nama class, untuk merefresh ketikkan di cmd ***composer dump-autoload.***

18. Jalankan server laravel.

19. Akses **http://127.0.0.1:8000/admin > klik Forgot your password?**

20. Coba **masukkan email untuk user**, maka **tidak bisa dan memunculkan pesan error**.

21. Masukkan **valid email untuk admin**, maka akan **memunculkan pesan berhasil**.

22. **Cek email > pilih pesan untuk reset password > klik Reset Password > menuju ke page Reset Password > coba reset password, jika berhasil akan menuju ke halaman dashboard admin**.

Oleh: Dewi Anisa Istiqomah
dewianisaist.ugm@gmail.com