

**TUGAS 2**  
**KEAMANAN PERANGKAT LUNAK**



Muhammad Rizky Cavendio : 20051397011

Link GitHub:

<https://github.com/Rizkycavendio/Keamanan-Perangkat-Lunak-Tugas-2>

**UNIVERSITAS NEGERI SURABAYA**  
**MANAJEMEN INFORMATIKA**  
**FAKULTAS VOKASI**

**2022**

## 1. Tampilan form terdapat Nomer HP dan DateTime Ticker

REGISTER

Nama lengkap  
contoh: Muhammad Rizky

Alamat Email  
name@example.com

Nomer HP  
0812xxxxxxx

Tanggal Lahir  
hh/bb/tttt

Kata sandi

Ulangi kata sandi

Daftar

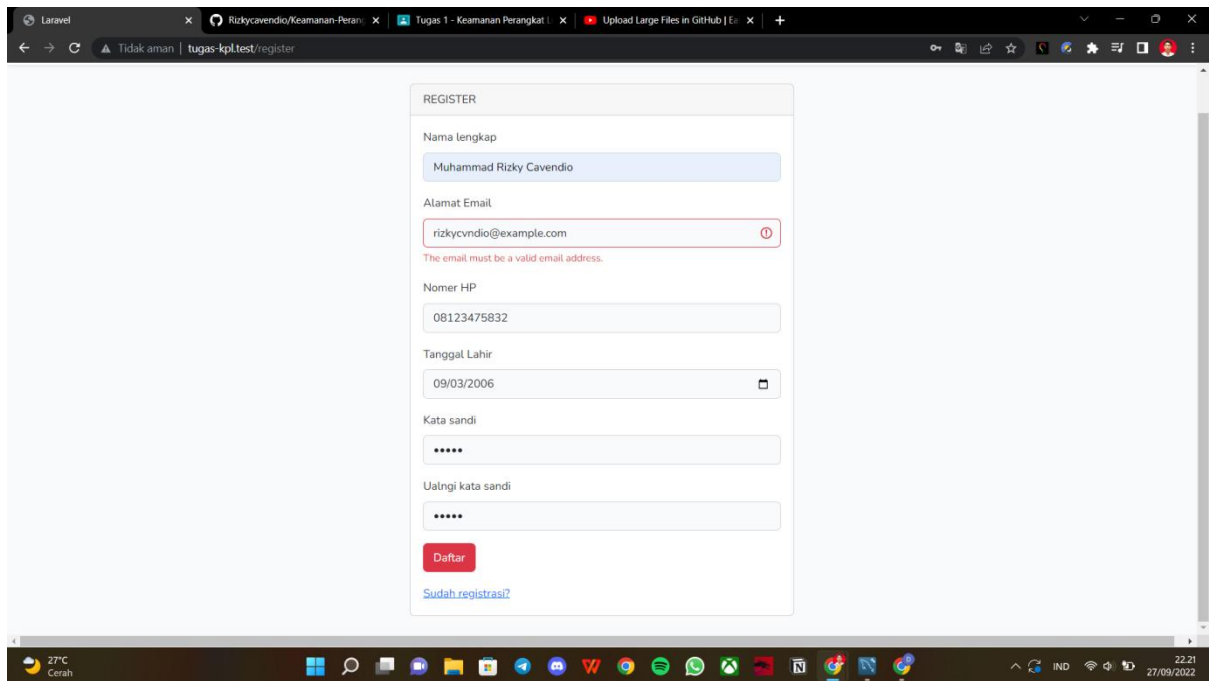
[Sudah registrasi?](#)

## 2. Rules untuk validasi data yang akan diisikan

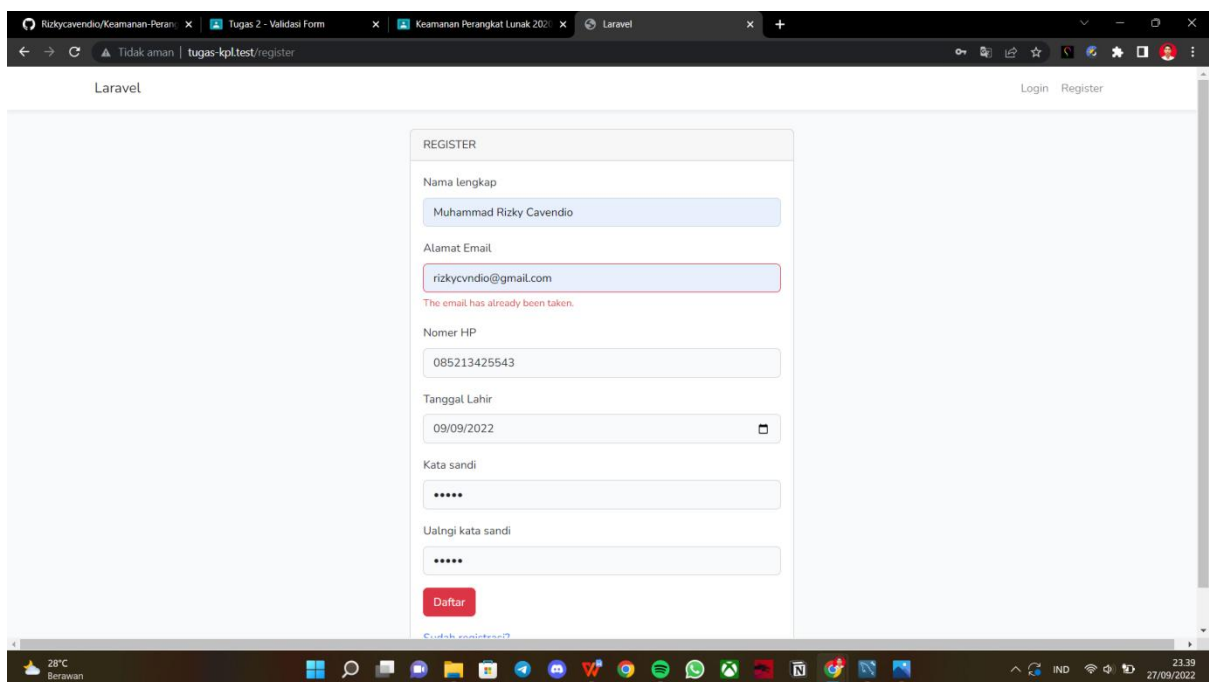
```
app > Http > Livewire > Auth > Register.php > Register > rules
11 class Register extends Component
12 {
13     public $name, $email, $no_hp, $tgl_lahir, $password, $password_confirmation;
14
15     public function render()
16     {
17         return view('livewire.auth.register')->extends('layouts.app')->section('content');
18     }
19
20     public function rules()
21     {
22         return [
23             'name' => ['required'],
24             'email' => ['required', 'email:rfc,dns', 'unique:users'],
25             'no_hp' => ['required', 'unique:users', 'max:12', 'min:11'],
26             'tgl_lahir' => ['required', 'date'],
27             'password' => ['required', 'confirmed']
28         ];
29     }
30 }
```

```
app > Http > Livewire > Auth > Register.php > PHP Intelephense > Register > rules
30
31 public function registerUser()
32 {
33     $this->validate();
34
35     $user = User::create([
36         'name' => $this->name,
37         'email' => $this->email,
38         'no_hp' => $this->no_hp,
39         'tgl_lahir' => $this->tgl_lahir,
40         'password' => bcrypt($this->password),
41     ]);
42
43     Auth::login($user, true);
44     event(new Registered($user));
45     return redirect()->to(RouteServiceProvider::HOME);
46 }
47
48 }
```

**3. Validasi email jika yang dimasukkan bukan @gmail, maka akan terdapat pesan error. Selain itu jika yang dimasukkan email yang sudah terdaftar juga akan memunculkan pesan error.**



The screenshot shows a web browser window with the URL `tugas-kpl.test/register`. The page displays a registration form titled "REGISTER". The form fields are: "Nama lengkap" (Muhammad Rizky Cavendio), "Alamat Email" (rizkycvndio@example.com), "Nomer HP" (08123475832), "Tanggal Lahir" (09/03/2006), "Kata sandi" (masked with dots), and "Ulangi kata sandi" (masked with dots). A red error message is displayed below the email field: "The email must be a valid email address." A red "Daftar" button is at the bottom of the form, and a blue link "Sudah registrasi?" is below it. The browser's taskbar at the bottom shows the system clock as 22:21 on 27/09/2022.



The screenshot shows the same registration form, but the email address is now `rizkycvndio@gmail.com`. A red error message is displayed below the email field: "The email has already been taken." The "Nomer HP" field now contains `085213425543` and the "Tanggal Lahir" field now contains `09/09/2022`. The "Daftar" button and the "Sudah registrasi?" link remain at the bottom. The browser's taskbar at the bottom shows the system clock as 23:39 on 27/09/2022.

**4. Validasi nomer hp jika yang dimasukkan kurang dari 11 angka atau lebih dari 12 angka, maka akan memunculkan pesan error. Selain itu jika yang dimasukkan nomer yang sudah terdaftar juga akan memunculkan pesan error**

The screenshot shows a web browser window with the URL `tugas-kpl.test/register`. The page displays a registration form titled "REGISTER". The form fields and their values are as follows:

- Nama lengkap: Muhammad Rizky Cavendio
- Alamat Email: rizkycvndio@example.com (Error: The email must be a valid email address.)
- Nomer HP: 0862 (Error: The no hp must be at least 11 characters.)
- Tanggal Lahir: 09/03/2006
- Kata sandi: [Redacted]
- Ulangi kata sandi: [Redacted]

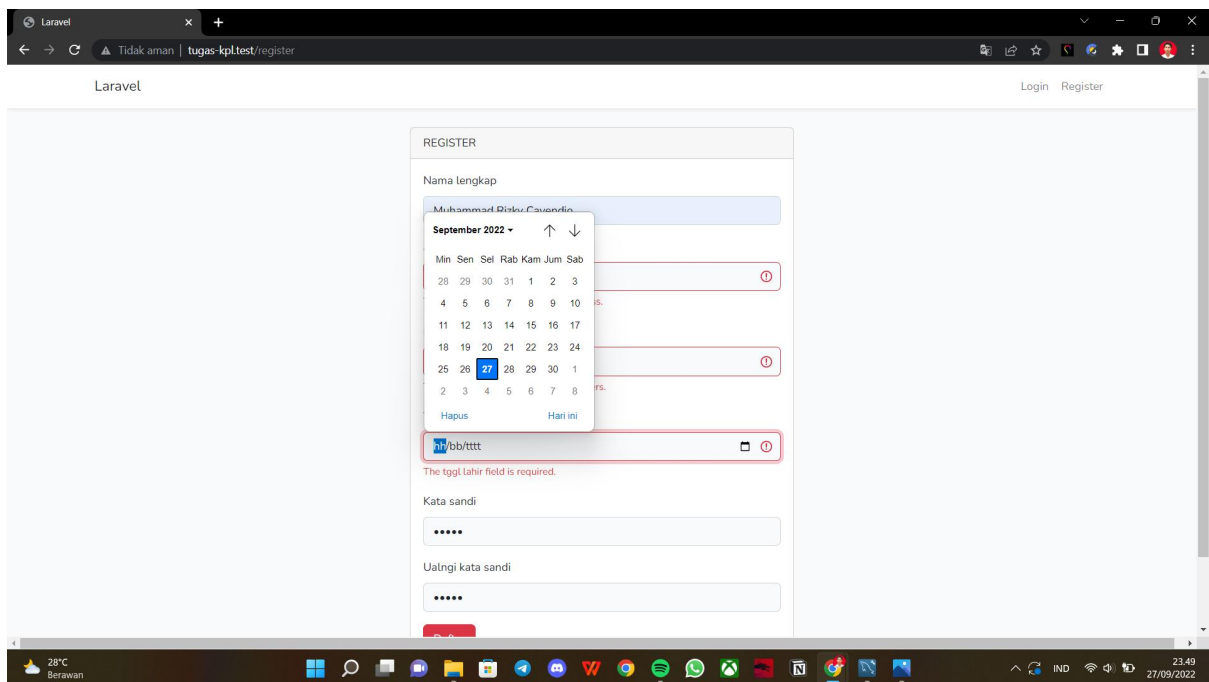
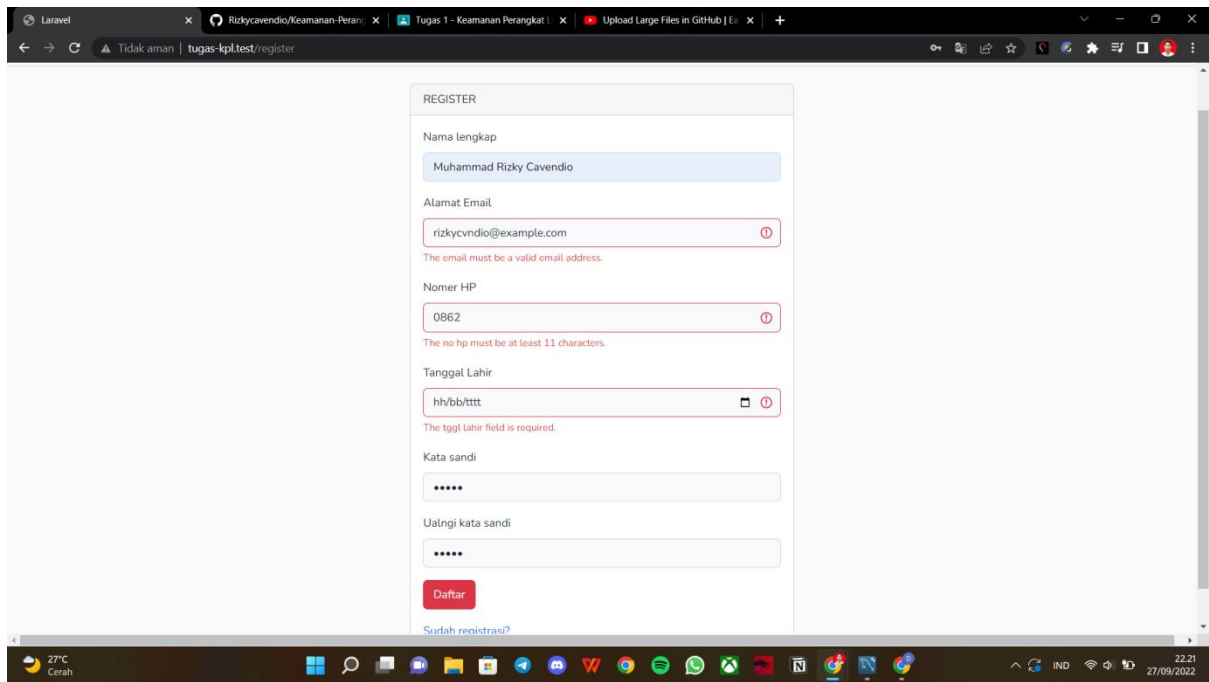
At the bottom of the form, there is a red "Daftar" button and a link "Sudah registrasi?". The browser's taskbar at the bottom shows the system time as 22:21 on 27/09/2022.

The screenshot shows the same web browser window with the URL `tugas-kpl.test/register`. The registration form is displayed with the following values:

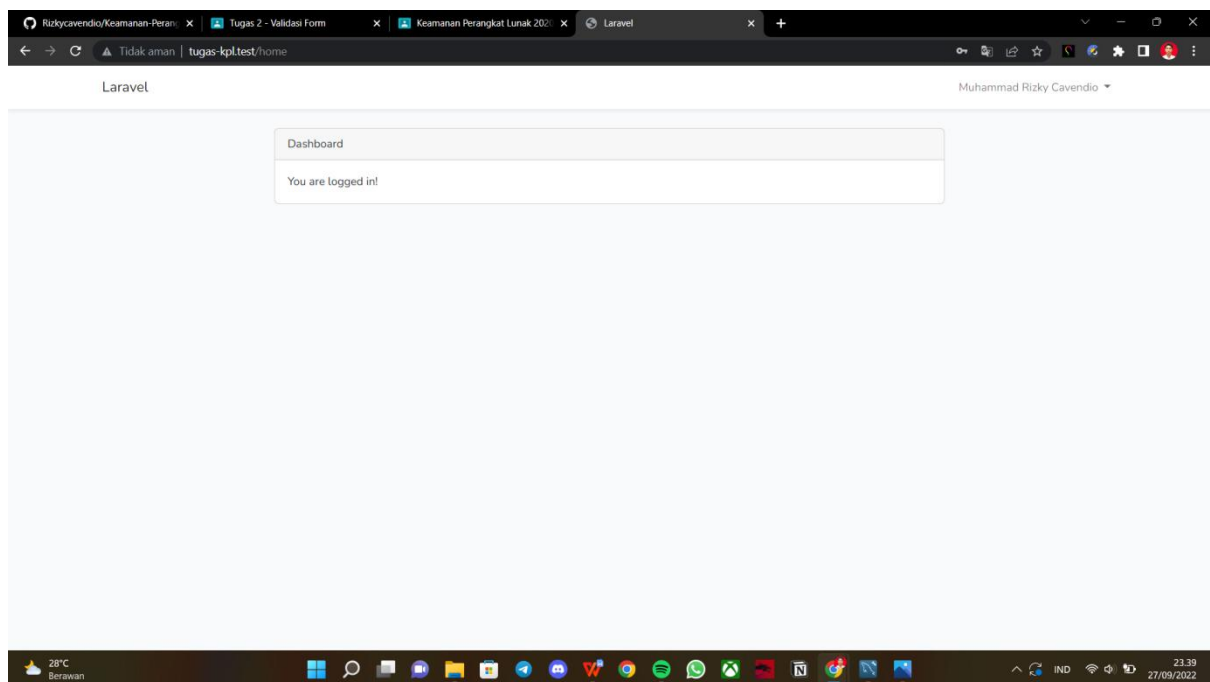
- Nama lengkap: Muhammad Rizky Cavendio
- Alamat Email: rizkycvndio@gmail.com
- Nomer HP: 081296476969 (Error: The no hp has already been taken.)
- Tanggal Lahir: 09/09/2022
- Kata sandi: [Redacted]
- Ulangi kata sandi: [Redacted]

The "Daftar" button and the "Sudah registrasi?" link are still visible at the bottom of the form. The browser's taskbar at the bottom shows the system time as 23:40 on 27/09/2022.

**5. Validasi tanggal lahir (date) harus diisi, jika tidak maka akan memunculkan pesan error. Pesan error lain juga akan muncul pada form lainnya jika tidak diisi dan tidak sesuai dengan rules validasinya.**



## 6. Jika berhasil registrasi maka akan muncul



## 7. Untuk mengecek data apakah sudah masuk di database.

