

TUGAS 2
KEAMANAN PERANGKAT LUNAK



Muhammad Rizky Cavendio : 20051397011

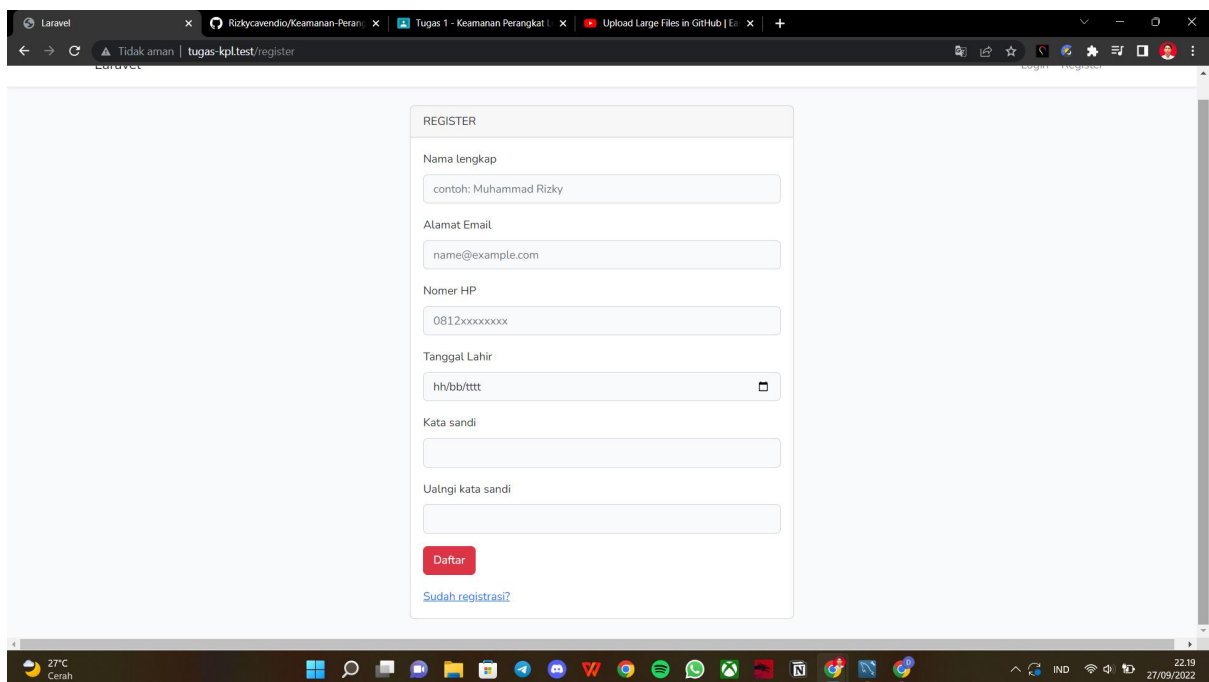
Link GitHub:

<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

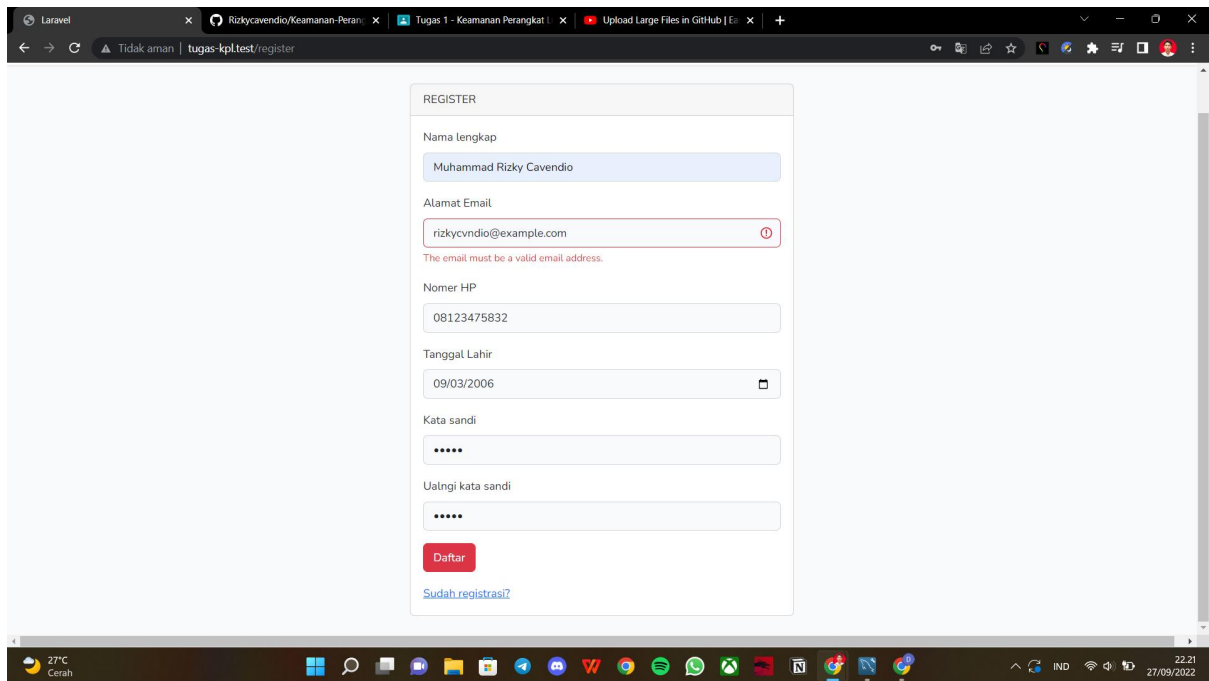
[Sudah registrasi?](#)

2. Rules untuk validasi data yang akan diisikan

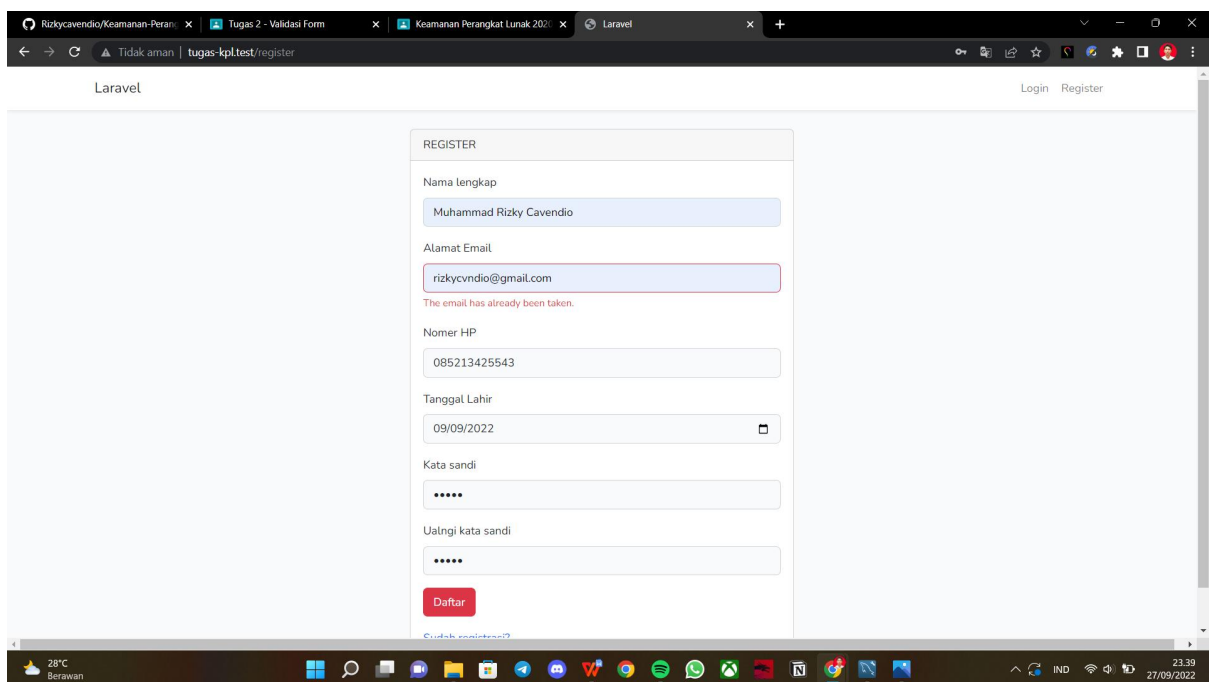
```
app > Http > Livewire > Auth > Register.php > Register > rules
11 class Register extends Component
12 {
13     public $name, $email, $no_hp, $tgl_lahir, $password, $password_confirmation;
14
15     public function render()
16     {
17         return view('livewire.auth.register')->extends('layouts.app')->section('content');
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 field now contains "rizkycvndio@gmail.com". A red error message is displayed below the email field: "The email has already been taken." The "Daftar" button and the "Sudah registrasi?" link remain at the bottom of the form. 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]
- UaIngi kata sandi: [Redacted]

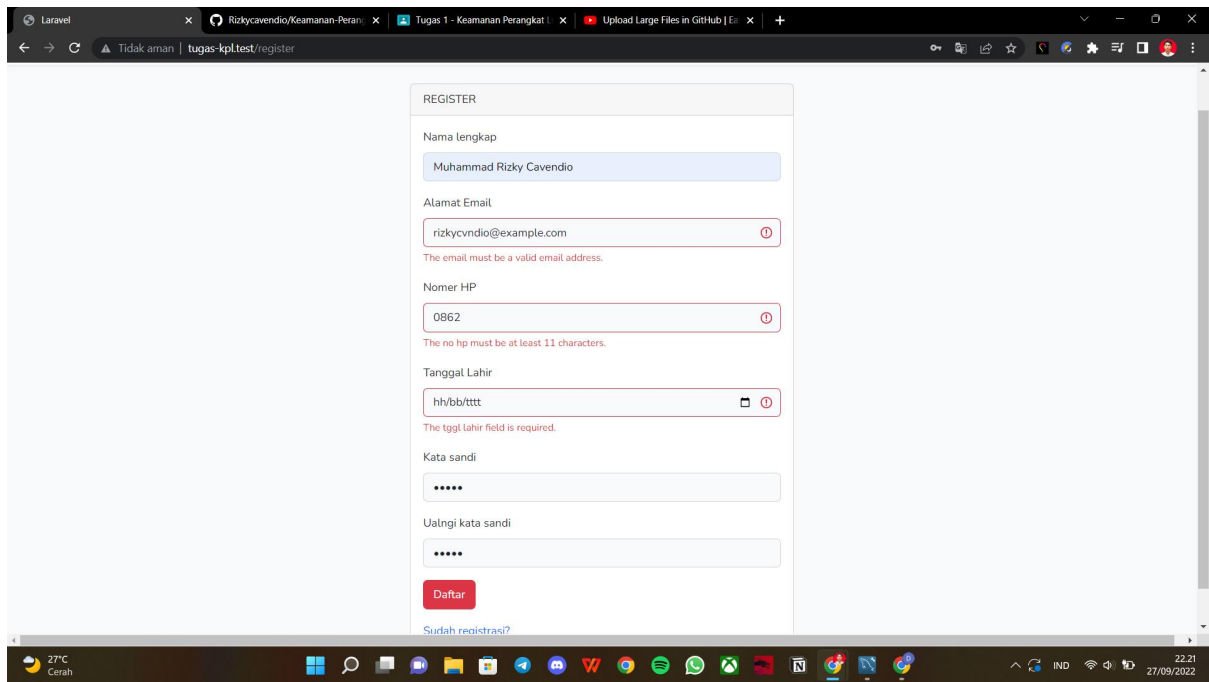
At the bottom of the form, there is a red "Daftar" button and a link "Sudah registrasi?". The browser's taskbar at the bottom shows the system time as 22:21 on 27/09/2022.

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

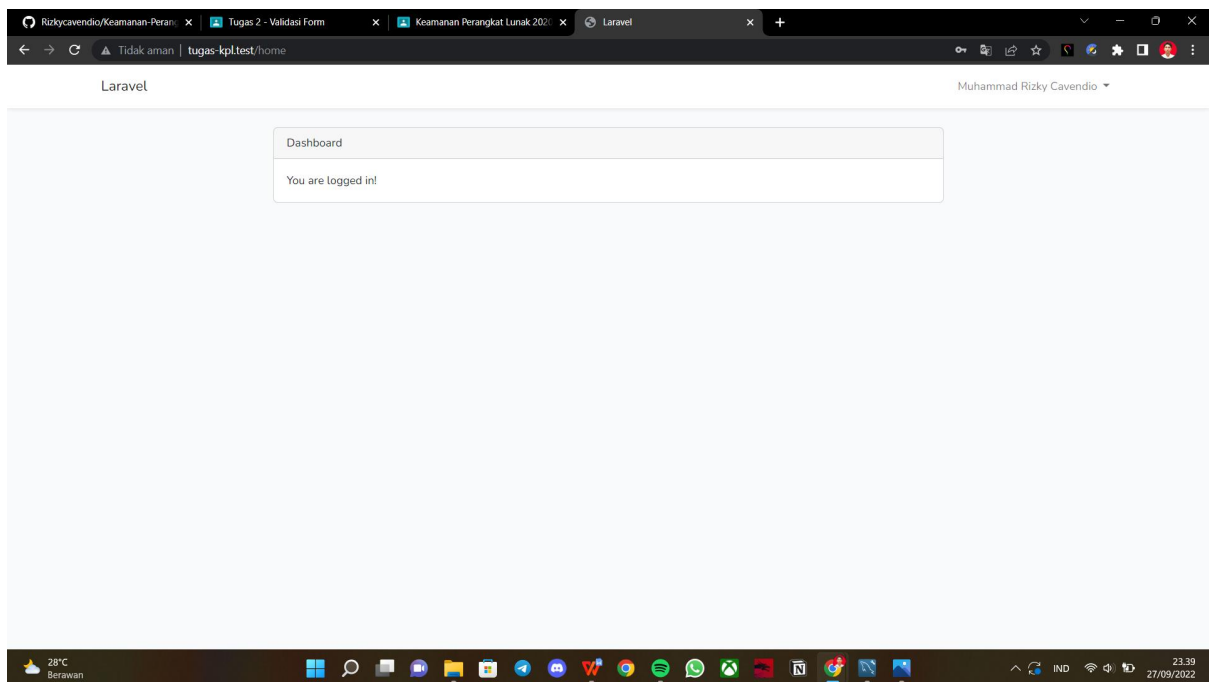
- Nama lengkap: Muhammad Rizky Cavendio
- Alamat Email: rizkycvndio@gmail.com
- Nomer HP: 081296476969 (Error: The no hp has already been taken.)
- Tanggal Lahir: 09/09/2022
- Kata sandi: [Redacted]
- UaIngi kata sandi: [Redacted]

The form includes a red "Daftar" button and a link "Sudah registrasi?". 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 maka akan muncul



7. Untuk mengecek data apakah sudah masuk di database.

The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left lists various databases, with 'tugas-kpl' selected. The 'Query' editor in the center contains the SQL query: `SELECT * FROM `tugas-kpl`.`users`;`. The 'Result Grid' on the right displays the data from the 'users' table. The table has columns: id, name, email, no_hp, tgl_lahir, email_verified_at, password, remember_token, created_at, and updated_at. Two rows of data are visible. The bottom status bar indicates 'Query Completed'.

id	name	email	no_hp	tgl_lahir	email_verified_at	password	remember_token	created_at	updated_at
1	wafi	wafikun@gmail.com	081296476969	2009-08-05		\$2y\$10\$09EeUAPjC86aSLfx.niexhoVqmPmAC...	0bMh70hnZngJHTAe42gkVWv6tG0NqoxbpCS...	2022-09-27 14:33:37	2022-09-27 14:33:37
2	Muh...	riskyvindo@gmail.com	085213425542	2022-02-02		\$2y\$10\$BkRvbnz2DMQmWjQv3I13eLvUBCHg...	F3M43veQo8fNg820WPECR2aG9H260Hhahiev...	2022-09-27 16:39:16	2022-09-27 16:39:16