

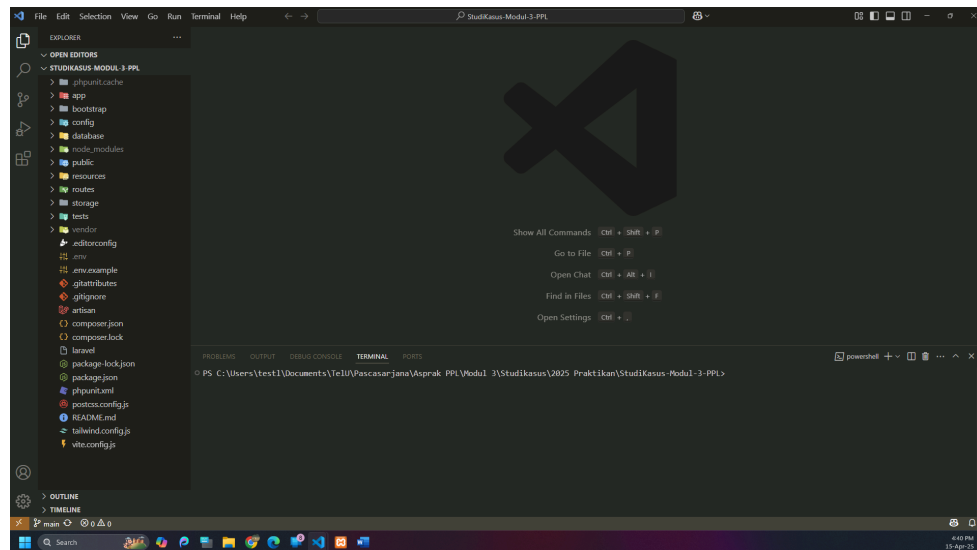
## PERATURAN STUDY CASE - INDIVIDU

1. Screenshot **WAJIB** menampilkan **seluruh layar** (termasuk tanggal, dan jam)
2. **Hanya** Screenshot tahap **AKHIR** dari masing masing sub poin (Alphabet).

**Contoh:**

### **Clone Repository Modul 3 Automated Testing**

- a. Buka link github berikut  
<https://github.com/alaric2001/StudiKasus-Modul-3-PPL.git>
- b. Lakukan clone repository dan ikuti arahan pada file README.md



3. Memberikan command atau deskripsi di setiap baris code  
**Contoh:** \$browser->visit('/') //mengunjungi halaman web dengan route "/.
4. Setiap praktikan diwajibkan untuk melakukan membuat repo baru yang berisi projek Laravel yang telah diclone beserta file-file testingnya.

### **1. Pengujian Menggunakan Laravel Dusk**

- a. Setiap individu **membuat testing code** untuk fitur **Membuat Akun (Registrasi)**.



```

4 use Illuminate\Foundation\Testing\DatabaseMigrations;
5 use Laravel\Dusk\Browser;
6 use Tests\DuskTestCase;
7
8 class RegisterTest extends DuskTestCase
9 {
10     use DatabaseMigrations;
11     public function testRegister(): void
12     {
13         $this->browse(callback: function (Browser $browser): void {
14             $browser->visit(url: '/') // Untuk mengunjungi halaman utama web
15             ->assertSee(text: 'Register') // Untuk memeriksa apakah halaman utama web menampilkan teks "Register"
16             ->clickLink(link: 'Register') // Untuk mengklik link "Register" di halaman utama web
17             ->assertPathIs(path: '/register') // Untuk memastikan url setelah menekan link Register
18             ->type(field: 'name', value: 'admin') // Untuk mengisi input yang beratribut name name
19             ->type(field: 'email', value: 'admin@example.com') // Untuk mengisi input yang beratribut name email
20             ->type(field: 'password', value: 'password') // Untuk mengisi input yang beratribut name password
21             ->type(field: 'confirm password', value: 'password') // Untuk mengisi input yang beratribut name confirm_password
22             ->press(button: 'REGISTER') // Untuk menekan tombol submit (register)
23             ->assertPathIs(path: '/dashboard'); // Untuk memastikan url setelah menekan tombol submit
24         });
25     }
26 }

```

Terminal Output:

```

122 throw new NotFoundException($message, $results);
123 case 'no such window':
124 throw new NotFoundException($message, $results);
1
2 vendor\php-webdriver\webdriver\lib\Exception\WebdriverException.php:120
2 vendor\php-webdriver\webdriver\lib\Remote\WebDriverCommandExecutor.php:359

Tests: 2 failed, 1 passed (5 assertions)
Duration: 8.29s

```

b. Setiap individu melampirkan hasil dari testing code untuk fitur **Membuat Akun (Registrasi).**

```

9 class LoginTest extends DuskTestCase
10 {
11     /**
12      * A basic browser test example.
13      *
14      * @group register
15      */
16     public function testLogin(): void
17     {
18         $this->browse(callback: function (Browser $browser): void {
19             $browser->visit(url: '/') // Untuk mengunjungi halaman utama web
20             ->assertSee(text: 'Login') // Untuk memeriksa apakah halaman utama web menampilkan teks "Login"
21             ->clickLink(link: 'Login') // Untuk mengklik link "Login" di halaman utama web
22             ->assertPathIs(path: '/login') // Untuk memastikan url setelah menekan link Login
23             ->type(field: 'name', value: 'admin') // Untuk mengisi input yang beratribut name name
24             ->type(field: 'email', value: 'admin@example.com') // Untuk mengisi input yang beratribut name email
25             ->type(field: 'password', value: 'password') // Untuk mengisi input yang beratribut name password
26             ->type(field: 'password confirmation', value: 'password') // Untuk mengisi input yang beratribut name confirm_password
27             ->press(button: 'LOGIN') // Untuk menekan tombol submit (login)
28             ->assertPathIs(path: '/dashboard'); // Untuk memastikan url setelah menekan tombol submit
29         });
30     }
31 }

```

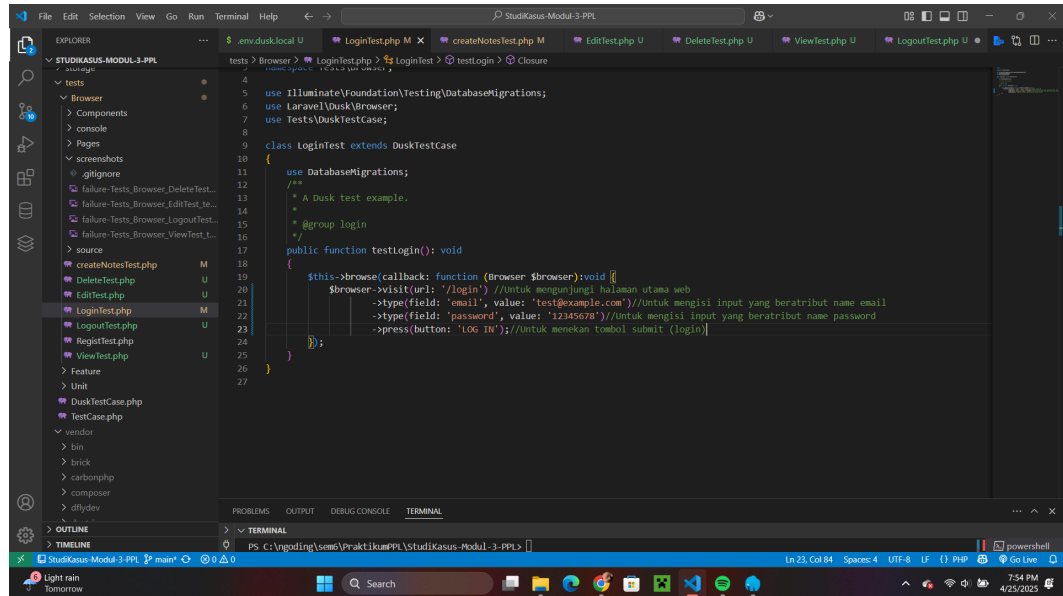
Terminal Output:

```

DevTools listening on ws://127.0.0.1:60810/devtools/browser/7b73919c-17b0-491f-a364-6378d61afabf
PASS Tests\Browser\RegisterTest
✓ register 4.34s
DevTools listening on ws://127.0.0.1:60855/devtools/browser/23275481-88bc-4425-bd90-32b5cd4cb14
FAIL Tests\Browser\createNotesTest
x create notes 2.59s
FAILED Tests\Browser\LoginTest -> login

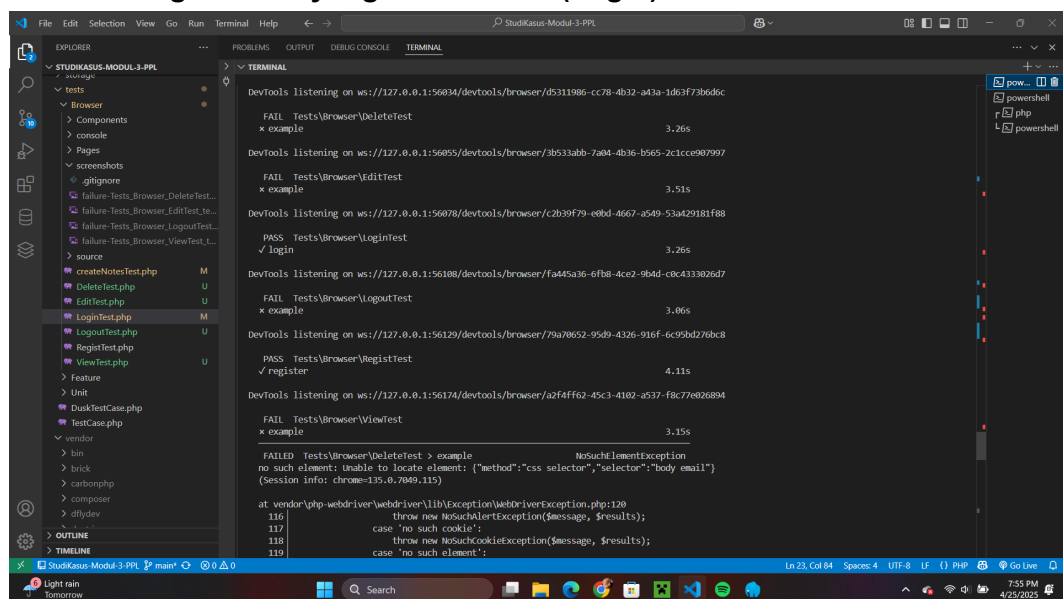
```

c. Setiap individu membuat testing code untuk fitur **Masuk dengan Akun yang telah dibuat (Login).**



```
1 use Illuminate\Foundation\Testing\DatabaseMigrations;
2 use Laravel\Dusk\Browser;
3 use Tests\DuskTestCase;
4
5 class LoginTest extends DuskTestCase
6 {
7     use DatabaseMigrations;
8
9     /**
10      * A Dusk test example.
11      *
12      * @group login
13      */
14     public function testLogin(): void
15     {
16         $this->browse(callback: function (Browser $browser): void {
17             $browser->visit(url: '/login'); //untuk mengunjungi halaman utama web
18             $browser->type(field: 'email', value: 'test@example.com'); //untuk mengisi input yang beratribut name email
19             $browser->type(field: 'password', value: '12345678'); //untuk mengisi input yang beratribut name password
20             $browser->press(button: 'Log In'); //untuk menekan tombol submit (login)
21         });
22     }
23 }
```

d. Setiap individu melampirkan hasil dari testing code untuk fitur **Masuk dengan Akun yang telah dibuat (Login)**.



```
DevTools listening on ws://127.0.0.1:56034/devtools/browser/4511986-c78-4b32-a43a-1dc3f73b6dc
FAIL Tests\Browser\DeleteTest
x example
3.26s

DevTools listening on ws://127.0.0.1:56095/devtools/browser/3b533abb-7a04-4b36-b565-2c1cce907997
FAIL Tests\Browser>EditTest
x example
3.51s

DevTools listening on ws://127.0.0.1:56078/devtools/browser/c2b39f79-e0bd-4667-a549-53a429181f88
PASS Tests\Browser\LoginTest
✓ login
3.28s

DevTools listening on ws://127.0.0.1:56108/devtools/browser/fa45a36-6fb8-4ce2-9b4d-c0c4333026d7
FAIL Tests\Browser\LogoutTest
x example
3.06s

DevTools listening on ws://127.0.0.1:56129/devtools/browser/79a70852-95d9-4326-916f-6c95bd276bc8
PASS Tests\Browser\RegisterTest
✓ register
4.11s

DevTools listening on ws://127.0.0.1:56174/devtools/browser/a2f4ff62-45c3-4102-a537-f8c770826894
FAIL Tests\Browser\ViewTest
x example
3.15s

FAILED Tests\Browser\DeleteTest > example
no such element: Unable to locate element: {"method":"css selector","selector":"body email"}
(Session info: chrome-115.0.7049.115)

at vendor\php-webdriver\webdriver\lib\Exception\WebDriverException.php:120
116 throw new NoSuchElementException($message, $results);
117 case 'no such cookie':
118 throw new NoSuchCookieException($message, $results);
119 case 'no such element':
```

e. Setiap individu membuat testing code untuk fitur **Membuat Notes**.



The screenshot shows a VS Code editor with a file explorer on the left containing a project named 'STUDIUSKASUS-MODUL-3-PPL'. The main editor displays a PHP file named 'createNotesTest.php' with the following code:

```

9 class createNotesTest extends DuskTestCase
10 {
11     public function testCreateNotes(): void
12     {
13         $this->browse(callback: function (Browser $browser): void {
14             $browser->visit(url: '/')
15             $browser->click(link: 'log in')
16             $browser->type(field: 'email', value: 'admin@example.com')
17             $browser->type(field: 'password', value: 'password')
18             $browser->press(button: 'log in')
19             $browser->click(link: 'create notes')
20             $browser->type(field: 'title', value: 'judul notes')
21             $browser->type(field: 'description', value: 'deskripsi notes')
22             $browser->press(button: 'create')
23             $browser->click(link: 'notes')
24         })
25     }
26 }

```

The terminal at the bottom shows the following output:

```

FAILED Tests\Browser\createNotesTest > create notes
Actual path [/login] does not equal expected path [/dashboard].
Failed asserting that '/login' matches PCRE pattern "/^\/dashboard/u".

at tests\Browser\createNotesTest.php:27
23     $browser->click(link: 'log in')
24     $browser->type(field: 'email', value: 'admin@example.com')
25     $browser->type(field: 'password', value: 'password')
26     $browser->press(button: 'log in')
27     $browser->click(link: 'create notes')
28     $browser->type(field: 'title', value: 'judul notes')
29     $browser->type(field: 'description', value: 'deskripsi notes')

```

f. Setiap individu **melampirkan hasil dari testing code** untuk fitur **Membuat Notes.**

The screenshot shows a VS Code editor with a file explorer on the left containing a project named 'STUDIUSKASUS-MODUL-3-PPL'. The main editor displays a PHP file named 'createNotesTest.php' with the following code:

```

9 class createNotesTest extends DuskTestCase
10 {
11     public function testCreateNotes(): void
12     {
13         $this->browse(callback: function (Browser $browser): void {
14             $browser->visit(url: '/')
15             $browser->click(link: 'log in')
16             $browser->type(field: 'email', value: 'admin@example.com')
17             $browser->type(field: 'password', value: 'password')
18             $browser->press(button: 'log in')
19             $browser->click(link: 'create notes')
20             $browser->type(field: 'title', value: 'judul notes')
21             $browser->type(field: 'description', value: 'deskripsi notes')
22             $browser->press(button: 'create')
23             $browser->click(link: 'notes')
24         })
25     }
26 }

```

The terminal at the bottom shows the following output:

```

1 tests\Browser\LoginTest.php:19

FAILED Tests\Browser\createNotesTest > create notes
Actual path [/login] does not equal expected path [/dashboard].
Failed asserting that '/login' matches PCRE pattern "/^\/dashboard/u".

at tests\Browser\createNotesTest.php:27
23     $browser->click(link: 'log in')
24     $browser->type(field: 'email', value: 'admin@example.com')
25     $browser->type(field: 'password', value: 'password')
26     $browser->press(button: 'log in')
27     $browser->click(link: 'create notes')
28     $browser->type(field: 'title', value: 'judul notes')
29     $browser->type(field: 'description', value: 'deskripsi notes')

1 tests\Browser\createNotesTest.php:19

Tests: 2 failed, 2 passed (9 assertions)
Duration: 15.10s

```

g. Setiap individu **membuat testing code** untuk fitur **Mengedit Notes.**



```
7 use Tests\DuskTestCase;
8
9 class EditTest extends DuskTestCase
10 {
11     /**
12      * A Dusk test example.
13      */
14     public function testExample(): void
15     {
16         $this->browse(function (Browser $browser) {
17             $browser->visit('/login')
18                 ->type('email', 'test@gmail.com')
19                 ->type('password', '12345678')
20                 ->press('LOG IN');
21             $browser->visit('/dashboard')
22                 ->clickLink('Notes')
23                 ->assertSee('Notes')
24                 ->assertSee('Create Note')
25                 ->clickLink('Create Note')
26                 ->type('title', 'Test Note1')
27                 ->type('description', 'Test aja')
28                 ->press('CREATE');
29             $browser->visit('/dashboard')
30                 ->assertSee('Test Note1')
31                 ->assertSee('Test aja')
32                 ->clickLink('edit')
33                 ->type('title', 'Test Note2')
34                 ->type('description', 'Test aja lagi')
35                 ->press('UPDATE');
36         });
37     }
38 }
```

h. Setiap individu **melampirkan hasil dari testing code** untuk fitur **Mengedit Notes.**

```
DevTools listening on ws://127.0.0.1:56034/devtools/browser/4511986-c78-4b32-a43a-1dc3f73b6dc
FAIL Tests\Browser\DeleteTest
x example
3.26s

DevTools listening on ws://127.0.0.1:56095/devtools/browser/3b53abb-7a04-4b36-b565-2c1cce907997
FAIL Tests\Browser\EditTest
x example
3.51s

DevTools listening on ws://127.0.0.1:56078/devtools/browser/c2b39f79-e0bd-4667-a549-53a429181f88
PASS Tests\Browser\LoginTest
✓ login
3.28s

DevTools listening on ws://127.0.0.1:56108/devtools/browser/fa45a36-6fb8-4ce2-9b4d-c0c4333026d7
FAIL Tests\Browser\LogoutTest
x example
3.06s

DevTools listening on ws://127.0.0.1:56129/devtools/browser/79a7052-95d9-4326-916f-6c95bd276bc8
PASS Tests\Browser\RegisterTest
✓ register
4.11s

DevTools listening on ws://127.0.0.1:56174/devtools/browser/a2f4f62-45c3-4102-a537-f8c770826894
FAIL Tests\Browser\ViewTest
x example
3.15s

FAILED Tests\Browser\EditTest > example
NoSuchElementException
no such element: Unable to locate element: {"method":"css selector","selector":"body email"}
(Session info: chrome=115.0.7049.115)

at vendor\php-webdriver\webdriver\lib\Exception\WebDriverException.php:120
116 throw new NoSuchAlertException($message, $results);
117 case 'no such cookie':
118     throw new NoSuchCookieException($message, $results);
119 case 'no such element':
```

i. Setiap individu **membuat testing code** untuk fitur **Menampilkan Notes.**



```
class ViewTest extends DuskTestCase
{
    /**
     * A Dusk test example.
     */
    public function testExample(): void
    {
        $this->browse(function (Browser $browser) {
            $browser->visit('/login')
                ->type('email', 'test@gmail.com')
                ->type('password', '12345678')
                ->press('LOG IN');

            $browser->visit('/dashboard')
                ->clicklink('Notes')
                ->assertSee('Notes')
                ->assertSee('Create Note')
                ->clicklink('Create Note')
                ->type('title', 'Test Note1')
                ->type('description', 'Test aja')
                ->press('CREATE');

            $browser->visit('/notes')
                ->assertSee('Test Note1')
                ->assertSee('Test aja')
                ->clicklink('Test Note1')
                ->assertSee('Test Note1');
        });
    }
}
```

j. Setiap individu melampirkan hasil dari testing code untuk fitur Menampilkan Notes.

```
DevTools listening on ws://127.0.0.1:56034/devtools/browser/45311986-c78-4b32-a43a-1dc3f73b6dc
FAIL Tests\Browser\DeleteTest
x example
3.26s

DevTools listening on ws://127.0.0.1:56095/devtools/browser/3b53abb-7a04-4b36-b565-2c1cce907997
FAIL Tests\Browser\EditTest
x example
3.51s

DevTools listening on ws://127.0.0.1:56078/devtools/browser/c2b39f79-e0bd-4667-a549-53a429181f88
PASS Tests\Browser\LoginTest
✓ login
3.28s

DevTools listening on ws://127.0.0.1:56108/devtools/browser/fa45a36-6fb8-4ce2-9b4d-c0c4333026d7
FAIL Tests\Browser\LogoutTest
x example
3.06s

DevTools listening on ws://127.0.0.1:56129/devtools/browser/79a70852-95d9-4326-916f-6c95bd276bc8
PASS Tests\Browser\RegisterTest
✓ register
4.11s

DevTools listening on ws://127.0.0.1:56174/devtools/browser/a2f4ff62-45c3-4102-a537-f8c770826894
FAIL Tests\Browser\ViewTest
x example
3.15s

FAILED Tests\Browser\DeleteTest > example
NoSuchElementException
no such element: Unable to locate element: {"method":"css selector","selector":"body email"}
(Session info: chrome-115.0.7049.115)

at vendor\php-webdriver\webdriver\lib\Exception\WebDriverException.php:120
116 throw new NoSuchElementException($message, $results);
117 case 'no such cookie':
118 throw new NoSuchCookieException($message, $results);
119 case 'no such element':
```

k. Setiap individu membuat testing code untuk fitur Menghapus Notes.



```

class DeleteTest extends DuskTestCase
{
    /**
     * A Dusk test example.
     */
    public function testExample(): void
    {
        $this->browse(function (Browser $browser) {
            $browser->visit('/login')
                ->type('email', 'test@gmail.com')
                ->type('password', '12345678')
                ->press('LOG IN');

            $browser->visit('/dashboard')
                ->clickLink('Notes')
                ->assertSee('Notes')
                ->clickLink('Create Note')
                ->clickLink('Create Note')
                ->type('title', 'Test Note')
                ->type('description', 'Test aja')
                ->press('CREATE');

            $browser->visit('/notes')
                ->assertSee('Test Note')
                ->assertSee('Test aja')
                ->press('delete');
        });
    }
}

```

l. Setiap individu melampirkan hasil dari testing code untuk fitur Menghapus Notes.

```

DevTools listening on ws://127.0.0.1:56034/devtools/browser/45311986-c78-4b32-a43a-1dc3f73b6dc
FAIL Tests\Browser\DeleteTest
x example
3.26s

DevTools listening on ws://127.0.0.1:56095/devtools/browser/3b53abb-7a04-4b36-b565-2c1cce907997
FAIL Tests\Browser\EditTest
x example
3.51s

DevTools listening on ws://127.0.0.1:56078/devtools/browser/c2b39f79-e0bd-4667-a549-53a429181f88
PASS Tests\Browser\LoginTest
✓ login
3.28s

DevTools listening on ws://127.0.0.1:56108/devtools/browser/fa45a36-6fb8-4ce2-9b4d-c0c4333026d7
FAIL Tests\Browser\LogoutTest
x example
3.06s

DevTools listening on ws://127.0.0.1:56129/devtools/browser/79a70652-95d9-4326-916f-6c95bd276bc8
PASS Tests\Browser\RegisterTest
✓ register
4.11s

DevTools listening on ws://127.0.0.1:56174/devtools/browser/a2f4ff62-45c3-4102-a537-f8c770826894
FAIL Tests\Browser\ViewTest
x example
3.15s

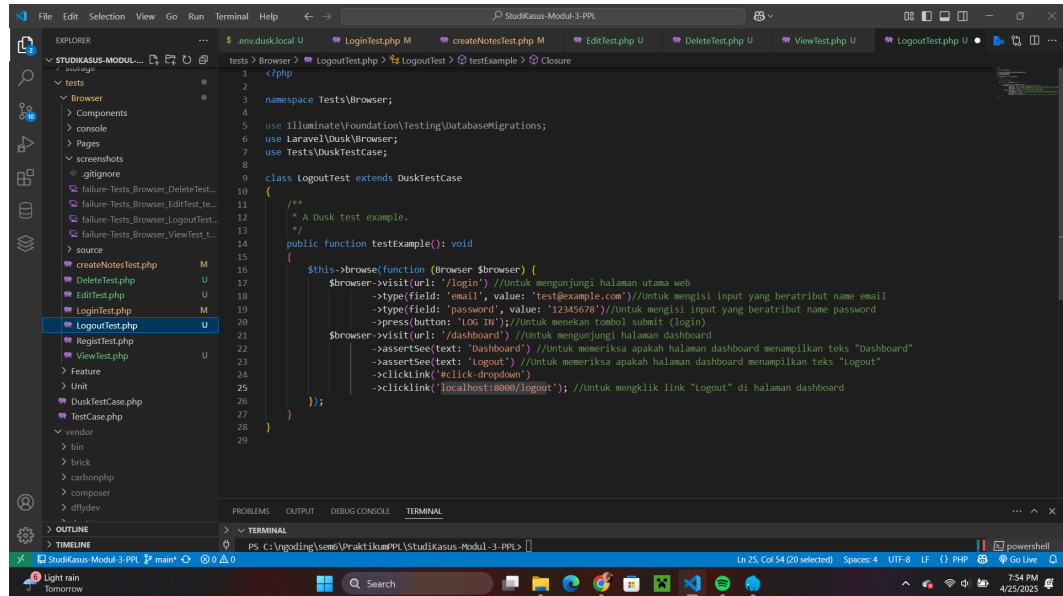
FAILED Tests\Browser\DeleteTest > example
NoSuchElementException
no such element: Unable to locate element: {"method":"css selector","selector":"body email"}
(Session info: chrome-115.0.7049.115)

at vendor\php-webdriver\webdriver\lib\Exception\WebDriverException.php:120
116 throw new NoSuchElementException($message, $results);
117 case 'no such cookie':
118 throw new NoSuchCookieException($message, $results);
119 case 'no such element':

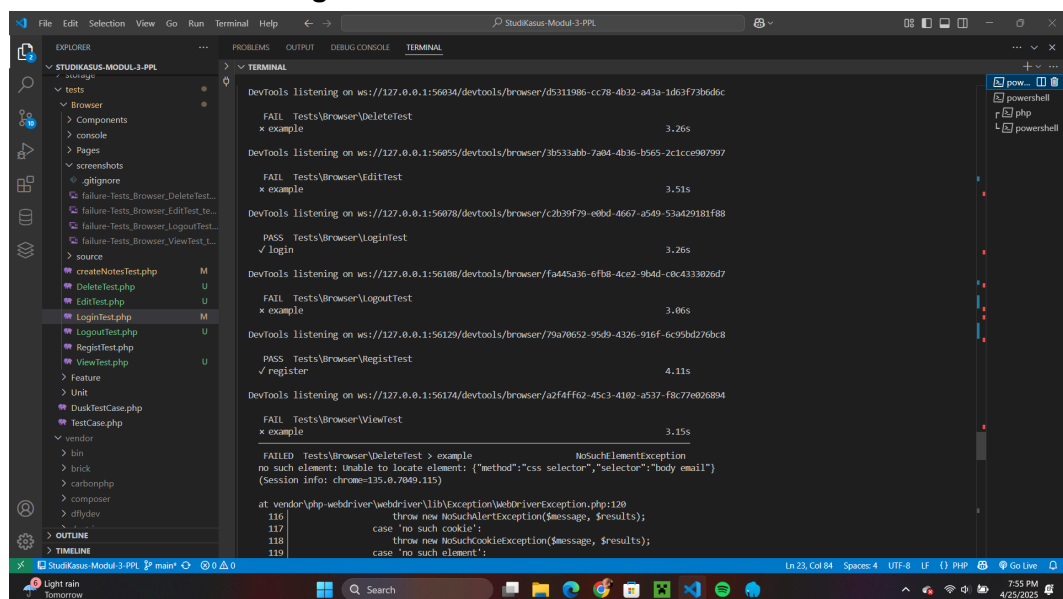
```

m. Setiap individu membuat testing code untuk fitur Melakukan Logout.





n. Setiap individu melampirkan hasil dari testing code untuk fitur Melakukan Logout.



## 2. Link repository github

<https://github.com/DaffaMaheswara/PPLMODUL3> Daffa.git

gabisa ngepush lagi setelah diubah tadi

