
Luca Straputicari
Mateo Pepin
Thomas Demeyere
Hai Son Dang

Rapport de tests

Introduction

Les tests permettent de s'assurer du bon fonctionnement de l'application. Nous utilisons ici des features avec des scénarios.

Notre groupe s'est retrouvé au complet car un membre de notre groupe n'avait assisté à aucun TP de BDD, ce qui aurait empêché de séparer le groupe en binômes.

Des scenarios

1. Test de login

Des scenarios utilisés dans ce cas sont "login avec succès" et "login échoué"

Features :

```
Feature: Symfony Functionality
  In order to use my dashboard
  As a user
  I want to test its functionality

  Scenario: Successful Login
    Given I am on the login page
    When I log in with username "admin" and password "TOAC*MUST_CHANGE!"
    Then I should be redirected to the dashboard

  Scenario: Invalid Login
    Given I am on the login page
    When I log in with username "anonymous" and password "wrong_answer"
    Then I should stay on the same site

  Scenario: Adding an event
    Given I am in the administration panel, in the event tab to add an event
    Then I can fill the fields and submit them

  Scenario: Adding a post
    Given I am in the post management panel
    Then I can give a title "Race of the day", the content "Best race ever held" and submit it

  Scenario: Log out
    Given I am in the administration panel
    When I log out
    Then I have to log in again
```

Le StepDefinition :

```
class FeatureContext implements Context
{
    private $httpClient;
    private $response;
    private $em;
    public function __construct()
    {
        $this->httpClient = HttpClient::create();
    }

    /**
     * @Given I am on the login page
     */
    public function iAmOnTheLoginPage()
    {
        $this->response = $this->httpClient->request('GET',
'http://localhost:3000/login');
    }

    /**
     * @When I log in with username :arg1 and password :arg2
     */
    public function iLogInWithUsernameAndPassword($arg1, $arg2)
    {
        $this->response = $this->httpClient->request('POST',
'http://localhost:3000/login', [
            'body' => [
                '_username' => $arg1,
                '_password' => $arg2,
            ],
        ]);
    }

    /**
     * @Then I should be redirected to the dashboard
     */
    public function iShouldBeRedirectedToTheDashboard()
    {

```

```
        $this->response =
$this->httpClient->request('GET', 'http://localhost:3000/admin?crudAction=index&crudControllerFqcn=App%5CController%5CAdmin%5CPostCrudController');
        $statusCode = $this->response->getStatusCode();

        if ($statusCode >= 200 && $statusCode < 300) {
            echo "Login successful.";
        } else {
            echo "Login failed. Unexpected status code: $statusCode";
        }
    }

    /**
     * @Then I should stay on the same site
     */
    public function iShouldStayOnTheSameSite()
    {
        $expectedUrl = 'http://localhost:3000/login';

        $currentUrl = $this->response->getInfo('url');

        if ($currentUrl !== $expectedUrl) {
            throw new \Exception('Expected redirect to the login page not
found.');
```



```
        }

    }

    /**
     * @Given I am in the administration panel, in the event tab to add an
event
     */
    public function iAmInTheAdministrationPanelInTheEventTabToAddAnEvent()
    {
        $this->response = $this->httpClient->request('GET',
'http://localhost:3000/admin?crudAction=index&crudControllerFqcn=App%5CContr
oller%5CAdmin%5CEvenementCrudController');
        $this->response = $this->httpClient->request('GET',
'http://localhost:3000/admin?crudAction=new&crudControllerFqcn=App%5CControl
ler%5CAdmin%5CEvenementCrudController&referrer=http://localhost:3000/admin?c
rudAction%3Dindex%26crudControllerFqcn%3DApp%255CController%255CAdmin%255CEv
enementCrudController');
```

```

/**
 * @Then I can fill the fields and submit them
 */
public function iCanFillTheFieldsAndSubmitThem()
{
    $this->response = $this->httpClient->request('POST',
'http://localhost:3000/admin?crudAction=new&crudControllerFqcn=App%5CControl
ler%5CAadmin%5CEvenementCrudController&referrer=http://localhost:3000/admin?c
rudAction%3Dindex%26crudControllerFqcn%3DApp%255CController%255CAadmin%255CEv
enementCrudController', [
        'body' => [
            'toDate' => '2023-12-31',
            'Title' => 'New Year Party',
            'Start' => '19:00',
        ],
    ]);
}

/**
 * @Given I am in the post management panel
 */
public function iAmInThePostManagementPanel()
{
    $this->response = $this->httpClient->request('GET',
'http://localhost:3000/admin?crudAction=index&crudControllerFqcn=App%5CContr
oller%5CAadmin%5CPostCrudController');
    $this->response = $this->httpClient->request('GET',
'http://localhost:3000/admin?crudAction=new&crudControllerFqcn=App%5CControl
ler%5CAadmin%5CPostCrudController&referrer=http://localhost:3000/admin?crudAc
tion%3Dindex%26crudControllerFqcn%3DApp%255CController%255CAadmin%255CPostCru
dController');
}

/**
 * @Then I can give a title :arg1, the content :arg2 and submit it
 */
public function iCanGiveATitleTheContentAndSubmitIt($arg1, $arg2)
{
    $this->response = $this->httpClient->request('POST',
'http://localhost:3000/admin?crudAction=new&crudControllerFqcn=App%5CControl
ler%5CAadmin%5CPostCrudController&referrer=http://localhost:3000/admin?crudAc
tion%3Dindex%26crudControllerFqcn%3DApp%255CController%255CAadmin%255CPostCru

```

```

dController', [
    'body' => [
        'title' => $arg1,
        'content' => $arg2,
    ],
]);
}

/**
 * @Given I am in the administration panel
 */
public function iAmInTheAdministrationPanel()
{
    $this->response = $this->httpClient->request('POST',
'http://localhost:3000/login', [
        'body' => [
            'title' => "admin",
            'content' => "TOAC*MUST_CHANGE!",
        ],
    ]);
    $this->response = $this->httpClient->request('GET',
'http://localhost:3000/admin?crudAction=index&crudControllerFqcn=App%5CContr
oller%5CAdmin%5CPostCrudController');
}

/**
 * @When I log out
 */
public function iLogout()
{
    $this->response = $this->httpClient->request('GET',
'http://localhost:3000/logout');
}

/**
 * @Then I have to log in again
 */
public function iHaveToLogInAgain()
{
    // On ne peut pas se acceder au dashboard sans
    $this->response =
$this->httpClient->request('GET', 'http://localhost:3000/admin');
    $statusCode = $this->response->getStatusCode();
    $url = $this->response->getInfo('url');
}

```

```

        $expectedUrl = 'http://localhost:3000/login';
        if ($url === $expectedUrl) {
            echo "Logout successfully.";
        } else {
            throw new \RuntimeException("Logout function failed. Expected
URL: $expectedUrl, Actual URL: $url");
        }
    }
}
}

```

Résultat :

```

PS C:\Users\forev\Documents\toac\S5-SAE-TOAC-grp2\symfony> vendor/bin/behat
Feature: Login Functionality
  In order to access my account
  As a user
  I want to log in with valid or invalid credentials

  Scenario: Successful Login
    Given I am on the login page
    When I log in with username "admin" and password "TOAC*MUST_CHANGE!"
    Then I should be redirected to the dashboard
    | Login successful.

  Scenario: Invalid Login
    Given I am on the login page
    When I log in with username "anonymous" and password "wrong_answer"
    Then I should stay on the same site

  Scenario: Adding an event
    Given I am in the administration panel, in the event tab to add an event
    When I can fill the fields and submit them
    Then I can give a title "Race of the day", the content "Best race ever held" and submit it

  Scenario: Adding a post
    Given I am in the post management panel
    When I log out
    Then I have to log in again
    | Logout successfully.

5 scenarios (5 passed)
13 steps (13 passed)

```

2. Tests sur le back et la base de données

Des tests ont été effectués pour vérifier que le panneau administrateur fonctionne correctement et entre bel et bien les données nécessaire dans la base de données.

Feature: Testing the website

Scenario: Adding a race

Given I am in the administration panel, in the "races" tab to add a "race"
And I filled the fields correctly
When I click on the add button
Then the "race" should be added to the database in the "races" table

Scenario: Adding a race category

Given I am in the administration panel, in the "races" tab to add a "category"
And I filled the fields correctly
When I click on the add button
Then the "category" should be added to the database in the "categories" table

Scenario: Adding a result

Given I am in the administration panel, in the "results" tab to add a "result"
And I filled the fields correctly
When I click on the add button
Then the "result" should be added to the database in the "results" table

Scenario: Modifying a race

Given I am in the administration panel, in the "races" tab to modify a "race" I selected
And I filled the fields of the parts I want to change correctly
When I click on the modify button
Then the corresponding "race" should be modified in the database in the "races" table

Scenario: Modifying a race category

Given I am in the administration panel, in the "races" tab to modify a "category" I selected
And I filled the fields of the parts I want to change correctly
When I click on the modify button
Then the corresponding "category" should be modified in the database in the "categories" table

Scenario: Modifying a result

Given I am in the administration panel, in the "results" tab to modify a "result" I selected
And I filled the fields of the parts I want to change correctly
When I click on the modify button
Then the corresponding "result" should be modified in the database in the "results" table

Scenario Outline: Deleting a <target>

Given I am in the administration panel, in the "<tab>" tab to delete a "<target>" I selected
When I click on the delete button
Then the corresponding "<target>" should be deleted in the database in the "<tab>" table

Examples:

tab target
races race
categories category
results result

Pour ces tests, nous avons eu des problèmes dans les testDefinition. Nous n'avons pas réussi à interagir avec la base de données, donc nous n'avons que le fichier feature.