

**Discipline** : MDW  
**Matière** : Atelier Framework Côté Serveur  
**Unité d'Ensg.** : Programmation objet avancée  
**Niveau** : 3<sup>ème</sup> Année (Licence appliquée : LMD)

## Workshop 5 : Assign security to the application

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1- Create a new controller named : Report

```
E:\TP_JEE\Etudiant\PHP\test>composer require symfony/security-bundle
```

2- E:\TP\_JEE\Etudiant\PHP\test>composer require symfony/profiler-pack

3- Add user entity class with username property

```
E:\TP_JEE\Etudiant\PHP\test>php bin/console make:user
```

4- Synchronise the new entity with database

```
E:\TP_JEE\Etudiant\PHP\test>php bin/console doctrine:schema:validate
```

```
E:\TP_JEE\Etudiant\PHP\test>php bin/console doctrine:schema:update --force
```

5- Create the registration form and login controller

```
E:\TP_JEE\Etudiant\PHP\test>php bin/console make:registration-form
```

```
E:\TP_JEE\Etudiant\PHP\test>php bin/console make:controller Logini
```

```

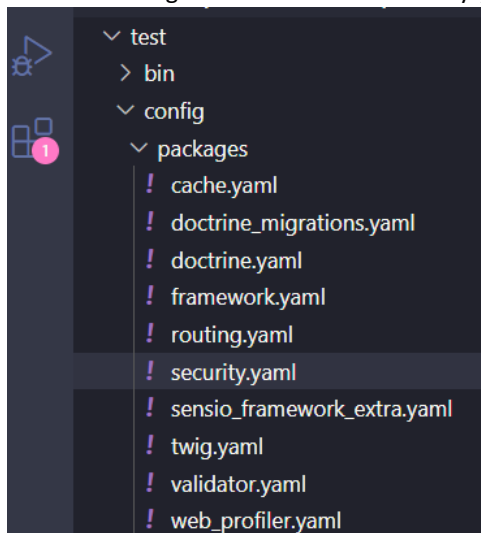
Do you want to send an email to verify the user's email address after registration? (yes/no) [yes]:
> no

Do you want to automatically authenticate the user after registration? (yes/no) [yes]:
> no

What route should the user be redirected to after registration?:
[0 ] _preview_error
[1 ] _wdt
[2 ] _profiler_home
[3 ] _profiler_search
[4 ] _profiler_search_bar
[5 ] _profiler_phpinfo
[6 ] _profiler_xdebug
[7 ] _profiler_search_results
[8 ] _profiler_open_file
[9 ] _profiler
[10] _profiler_router
[11] _profiler_exception
[12] _profiler_exception_css
[13] app_author_index
[14] app_author_new
[15] app_author_show
[16] app_author_edit
[17] app_author_delete
[18] app_book_index
[19] app_book_new
[20] app_book_show
[21] app_book_edit
[22] app_book_delete
[23] app_borrowing_index
[24] app_borrowing_new
[25] app_borrowing_show
[26] app_borrowing_edit

```

6- Enable form login authenticator in security.yaml



Specify the name of the route created previously for form\_login

```

firewalls:
  dev:
    pattern: ^/(_(profiler|wdt)|css|images|js)/
    security: false

```

```

main:
    lazy: true
    provider: app_user_provider
    form_login:
        # "login" is the name of the route created previously
        login_path: login
        check_path: login
        default_target_path: borrowing_index

```

7- modify the login controller as follow

```

<?php
namespace App\Controller;

use Symfony\Bundle\FrameworkBundle\Controller\AbstractController;
use Symfony\Component\HttpFoundation\Response;
use Symfony\Component\Routing\Annotation\Route;
use Symfony\Component\Security\Http\Authentication\AuthenticationUtils;
class LoginController extends AbstractController
{
    #[Route('/login', name: 'login')]
    public function index(AuthenticationUtils $authenticationUtils): Response
    {
        // get the login error if there is one
        $error = $authenticationUtils->getLastAuthenticationError();
        // last username entered by the user
        $lastUsername = $authenticationUtils->getLastUsername();
        return $this->render('login/index.html.twig', [
            'controller_name' => 'LoginController',
            'last_username' => $lastUsername,
            'error'           => $error
        ]);
    }
}

```

8- Modify index.html.twig of the login template

```

{% extends 'base.html.twig' %}
{# ... #}
{% block body %}
    {% if error %}
        <div>{{ error.messageKey|trans(error.messageData, 'security') }}</div>
    {% endif %}

```

```

{% endif %}
<form action="{{ path('login') }}" method="post">
    <label for="username">Email:</label>
    <input type="text" id="username" name="_username" value="{{ last_username
}}"/>

    <label for="password">Password:</label>
    <input type="password" id="password" name="_password"/>
    {# If you want to control the URL the user is redirected to on success
    <input type="hidden" name="_target_path" value="/account"/> #}
    <button type="submit">login</button>
</form>
{% endblock %}

```

## 9- Test /login et /register

## 10- Connect these routers to the navigation bar as indicated in the following code

```

</ul>

<div class="navbar_item_custom">
    {% if app.user %}
        <a href="#">My compte
            <small>({{ app.user.username | capitalize }})</small>
        </a>
        |
        <a href="{{ path('app_logout') }}">Logout</a>
    {% else %}
        <a href="{{ path('login') }}">Connexion</a>
    {% endif %}
</div>

```

```
|  
<a href="{{ path('app_register') }}">Register</a>  
{% endif %}  
</div>
```

#### 11- Optimize the connexion and the register interface

Librarian

Borrowing ▾

Books

Students ▾

## Connexion

Email:

Password:

Login

[Forgot pass word ?](#)

Create one [Compte ?](#)