

SYMFONY UTILISATION

1. **Symfony** is using the MVC (Model View Controller) method to organize its files.

If you need to change anything you will need to understand what each file usage is. Everything you need is under the src folder and is organized into the following folders:

Controllers

Controller folder contains all the different controllers depending on their usage (Security, Users, Tasks, ...) so it is easier to find what you are looking to edit.

Each controller has multiple functions with names and paths in comments so Symfony can recognize them easily.

Views

The view is located under the "templates" folder and is mostly using html and twig languages. base.html.twig is the base template for all views as it creates what most of the app pages have in common (header, footer, navbar, scripts, ...).

Other views are located under their respective folder and create the content of the page in a more specific manner.

Entities (Model)

Entities are the main objects of the app. They are the link between your database and your app, and are called by controllers. They also include the relations between them and other entities. The User entity for example corresponds to the user table in the database.

2. The **authentication** has been made using the symfony make:auth command. There is a login form located in src/Security and it uses the username and password of the user that wants to log in. It also uses a csrf token to help preventing against malicious users.

Login is made at the path of /login that renders the security/login.html.twig view which includes the form. When you enter your credentials, it checks if your username is valid, if the encoded version of the password you typed is the same as the one in database, and if the csrf token is valid.

Otherwise, it ends up failing and tells you your credentials are incorrect.

On success, you are redirected to the homepage.

3. **Unitary tests** need to be changed accordingly to any modification you would do on the main files. They are located in the "tests" folder and follow almost the same folder architecture as the main files.

Fixtures used for the tests are written in the yaml files.