

Technical Requirements:

Language: PHP 7.2+
Webserver: PHP native
Package manager: composer
PHP Framework: not required
Persistence layer: files or database
Coding Style: PSR-2
Tests: PHPUnit

Extra points:

PHP Framework: Symfony 4.4
Environment: Docker
Persistence layer: MySQL + Doctrine + Doctrine Migrations
Tests: PHPUnit + code coverage $\geq 80\%$
Checks: PHPMD, PHP_CodeSniffer

Tasks:

T-1 Project Init

- create a user entity with this fields:
 - name
 - username
 - password
 - roles (possible values: ADMIN, PAGE_1, PAGE_2)
- create a user with this values:
 - name: Admin
 - username: admin
 - password: adminpassword
 - roles: ADMIN

T-2 CRUD RESTful Api

- create a CRUD RESTful API for the user entity. The entry point has to be secured with basic HTTP Authentication. Only users with ADMIN role can CREATE a new user, EDIT another user or DELETE another user.

T-3 /page/1 and login

- create a webpage with this URL /page/1 with this content: "Hello 1 {{ user.name }}"
- create a login page

- only logged users with ADMIN or PAGE_1 role can view this page
- if the user is not logged-in the page MUST redirect with a HTTP response code 302 to the login page
- if the user is logged-in but do not have the appropriate role an error page MUST be shown with a 403 HTTP response code

T-4 /page/2 and login

- create a webpage with this URL /page/2 with this content: "Hello 2 {{ user.name }}"
- only logged users with ADMIN or PAGE_2 role can view this page
- if the user is not logged-in the page MUST redirect with a HTTP response code 302 to the login page
- if the user is logged-in but do not have the appropriate role an error page MUST be shown with a 403 HTTP response code

T-5 Login redirect (User Story)

A user without any session goes to /page/1 or /page/2 ->

the system redirects the user to a login page with a 302 HTTP response code ->

the user input his/her username correctly but a wrong password ->

an error has shown to the user ->

the user input the correct password ->

the system redirect the user to the desidered page with a 302 HTTP response code

T-6 Logout

- every page MUST have a working logout link

T-7 Login timeout

- after 5 minutes without interaction the user MUST be considered logged out

Delivery

Add a README.md file with the basic instructions of how to test run and test the code.

Put all the relevant code into a git repository that we can reach.