

xentral test exercise

Dear,

in order to gain more knowledge about your skills we have created the following test tasks. Please read the following instructions carefully.

First of all Please **don't take any longer than 4 hours (we don't want you to spend too much time on this)**. We know that the task is a bit more than is doable in 4 hours but, we just want to check your general approach. We focus on the quality of the code, you should too - instead of getting everything done.

Your exercise is the development of a simple blog with these different pages:

Frontpage

- Paginated (server side) output of the posts which is sorted by date.
- Posts should only display an excerpt
- Headlines should link to the single post.

Page for single Posts

- Search engine optimized url which contains the Slug of the post title
- Show the complete text
- Display the name of the author

Login page

- Simple form with email and password

Admin area

- Add a Logout link

Admin overview

- Show a list of all available posts with an edit link
- Display a link to create a new blog post.

Admin create/edit post page

- A form with title and content of a blog page
- On update, the updated_at column should be updated

User creation

We don't need a register form, but you should build a CLI command to create a user.

We want you to keep the following topics in mind:

- Do not care too much about the styles. You can use a CSS framework like Bootstrap or TailwindCSS.
- Single entry into the application (Routing)
- Autoloading via composer (PSR4)
 - If you want, you can use a 3rd party template engine
- Take care of your code style (PSR2, PSR12)
- Hash your passwords
- Communicate with the database in an OOP way (PDO)
- Take care of escaping all dynamic values
- Use GIT and write granular commits

Bonus points

Tests

write some PHPUnit tests for your implementation.

WYSIWYG

Add a WYSIWYG editor as the blog content create/edit field.

Image upload

Add an optional hero image to the blog post.

We would love to get some of your thoughts about your implementation.

Write a few lines about how and why you used some of the techniques you have chosen.

Have fun

the xentral dev Team