Frontend dev trial task

Hello!

We invite you to resolve the recrutation task for the Frontend dev position at MH Sp. z o.o. It consists of several steps indicated below. The maximum time for solving the problem is 1 week from the date of receipt of the task. What matters is the correctness of the solution and the quality of the code.

Environment

1. Git
2. Composer
3. PHP (we are using 7.4)

1. Creating repository

1. Create bitbucket account (or use yours) https://bitbucket.org
2. Create team: https://bitbucket.org/account/create-team/
3. Create your first repo. Fill project name and repository name and rest fields leave default
4. Clone this repository into your local env.
5. Add user michal.zarnecki@companyhouse.de (give him admin rights). You can also write on this email if you have some technical problems.

2. Installing yii2

1. php composer.phar create-project yiisoft/yii2-app-basic basic
2. Open web browser to see welcome page "Congratulations!". You can use php built in server. Go to web dir in yii project and run "php -S localhost:8000"
3. Run also "requirements.php" file to check that everything is ok.
4. Change config/db.php to your db credentials.
5. In console run "./yii migrate". If your db is configured properly you will see message "Creating migration history table "migration"...Done."
6. Push changes to master branch

3. SEO optimization

Using the installed Yii2 framework, prepare a sample code of a simple HTML5 page, in which the structure of tags and attributes is optimized for SEO purposes, then create a text file and point out the places where the used actions favor positioning. List minimum 10 elements related to the optimization of the layout for SEO purposes. The website does not have to be visually attractive. Insert "lorem ipsum" in place of the text.

4. Mobile layout adaptation

Download the HTML code of the site https://www.companyhouse.de/Premium.
Using an exported website, make code changes to prepare an alternative layout intended only for smartphone devices. Layout should be visually attractive and prepared in terms of usability.
You can override the loaded js and css files or add code that writes the rules contained in them. You can modify the HTML code elements of the page.

Good Luck!