You need to create a service for storing, creating, displaying and editing advertisements. Advertisements must be stored in a relational database (on your choice - MySQL, Postgres). The service must provide a fully functional website (backend and frontend parts).

**Requirements**

* Programming languages - PHP for the backend part, HTML, CSS and Javascript (or Typescript) for the frontend part;
* Backend and frontend can be either two separate applications (for example, API on the backend side, SPA on the frontend side), or one server-rendered application;
* There are no restrictions on the choice of frameworks and libraries;
* The code of the final version should be posted on github.com;
* A simple instruction for running locally (ideally, with the ability to run using the command docker-compose up, but this is optional);
* Four main points of functionality should be implemented: displaying a list of advertisements, with pagination and sorting (by title and date of posting, both ASC/DESC), a separate page for one advertisement, creating a new advertisement, editing an advertisement;
* The design is at your discretion. Using standard components and standard styles of the library chosen for the implementation of the frontend will be more than enough;
* Each ad must contain at least the following fields - title, description, photos, date of posting. Only title and description should be editable;
* Advertisement validation rules: no more than three photos, description no more than 1023 characters, name no more than 255 characters;
* You need to create a simple authorization mechanism—all users (including non-authorized) can see a list of ads. Only authorized users can add advertisements, and only the same users who added an ad can edit or delete this advertisement. Your application must contain at least two users (first - login “user\_1@example.com” with password “password\_1”, second - login “user\_2@example.com” with password “password\_2”). These credentials can be hard-coded;
* When checking a test task, first of all, we will review the functionality of the application, compliance with the technical specifications, and the code - whether it follows the OOP paradigm (primarily for PHP code), compliance with best practices, file structure, cleanliness and readability of the code.

If you have doubts about the details - make the decision yourself, but in your README.md file, we recommend that you write down the questions and the decisions made on them. In the future, we can discuss these during an interview. If you have any questions, without the solution you think it is impossible to complete the test task, don’t hesitate to get in touch with us.

You also need to implement at least one of the following topics:

* The project is deployed and available via the link (for example, on a free instance of heroku.com);
* Containerization: it is possible to run the project using the docker-compose up command.