Software Development Engineer

What we expect to learn about you with this exercise is:
- Your working style
- How you think and solve problems
- Your coding style

Technology:

To solve this problem we prefer that you use PHP since it is the programming language which our backend services are written.

As an example, at Spotahome we use PHP 7 with Symfony or Zend framework.
Feel free to apply all your programming skills and learned techniques from your professional experience.

Exercise:

Write a web application that fetches an XML from a remote url and presents the data in a sortable table.

Tasks:
1. Fetch the remote XML file
   https://s3-eu-west-1.amazonaws.com/sah-pub-feeds/mitula-UK-en.xml in your backend code
2. Show a list of data: id, title, link, city and main image from the XML downloaded
3. It should be able to sort by any field by clicking on the table header
4. Allow to download the data sorted as shown in screen as a JSON file

Tips:

- The implementation should be written using the best development practices like SOLID principles
- Try to complete all the tasks and never lose focus on quality
- While there is no time limit for the test, we recommend spending about 3-4 hours on it

After you finish the exercise, please reply to the email with the solution.

Thank you very much for taking the time to do it!