

Sportlobster backend test evaluation

For this exercise you will be asked to build a data-driven web page with the latest stable version of **Symfony2** framework.

Features you are going to build are described by user stories. Each user story contains the acceptance criteria. It also might include some technical requirements or constraints.

Page 1

/football

User story

As a guest user

I want to view a list of news

So I could find content of my interest

Acceptance criteria:

- The data should be taken from a channel feed.
- News of the category *Preview* should not be displayed on the page.
- The user should get a friendly error message if the feed is not well formatted or does not provide any news.
- The page structure should clearly present the section of news with the general information about the feed right on the top.
- At least the following information needs to be shown for each news: title (links to the source page), description, publication date (in the format YYYY-MM-DD HH:MM) and category (links to page 2 if category is Report).

Technical constraints:

- The feed is in XML format but other sources could be in JSON.
- An HTTP request needs to be made for the feed and error conditions should be considered and handled.
- The feed represents a Sky Sports channel which contains content focusing on a certain topic area (category node directly under channel)
- An example of the feed is given in the accompanying file:

- *feed.xml*
- Information about the feed is available on the top section of the document right under the root channel node.
- Each <item> in the feed represents a news
- You should get the feed title from the <title> node.
- You should get description from the <description> node.

Page 2

/football/report

As a guest

I want to filter a list of news by category

So I can get more accurate results

Acceptance criteria:

- The user should be able to filter the news list by category whose name is 'Report'
- All other categories should be ignored

Guidelines

The main goal of the exercise is to present how you approach a problem and how you solve it. We will also try to get some insight into what kind of code you produce and how you design it. We are looking for simplicity, maintainability, understandability, proper separation of concerns and functional code with tests.

We're not looking for perfection or a 100% complete product but what you can get done in a set amount of time. The UEX design of the pages is the least important but we do want more than just display raw XML from the back end.

Feel free to extend this requirement to show Symfony2 capabilities you are familiar with. Final code should include a README file on the root of the project with deployment instruction and other useful information.