

Frontend Developer Exercise

The Guardian News Assessment

Level 1

Create a web app that shows a list of 10 last news from The Guardian API.

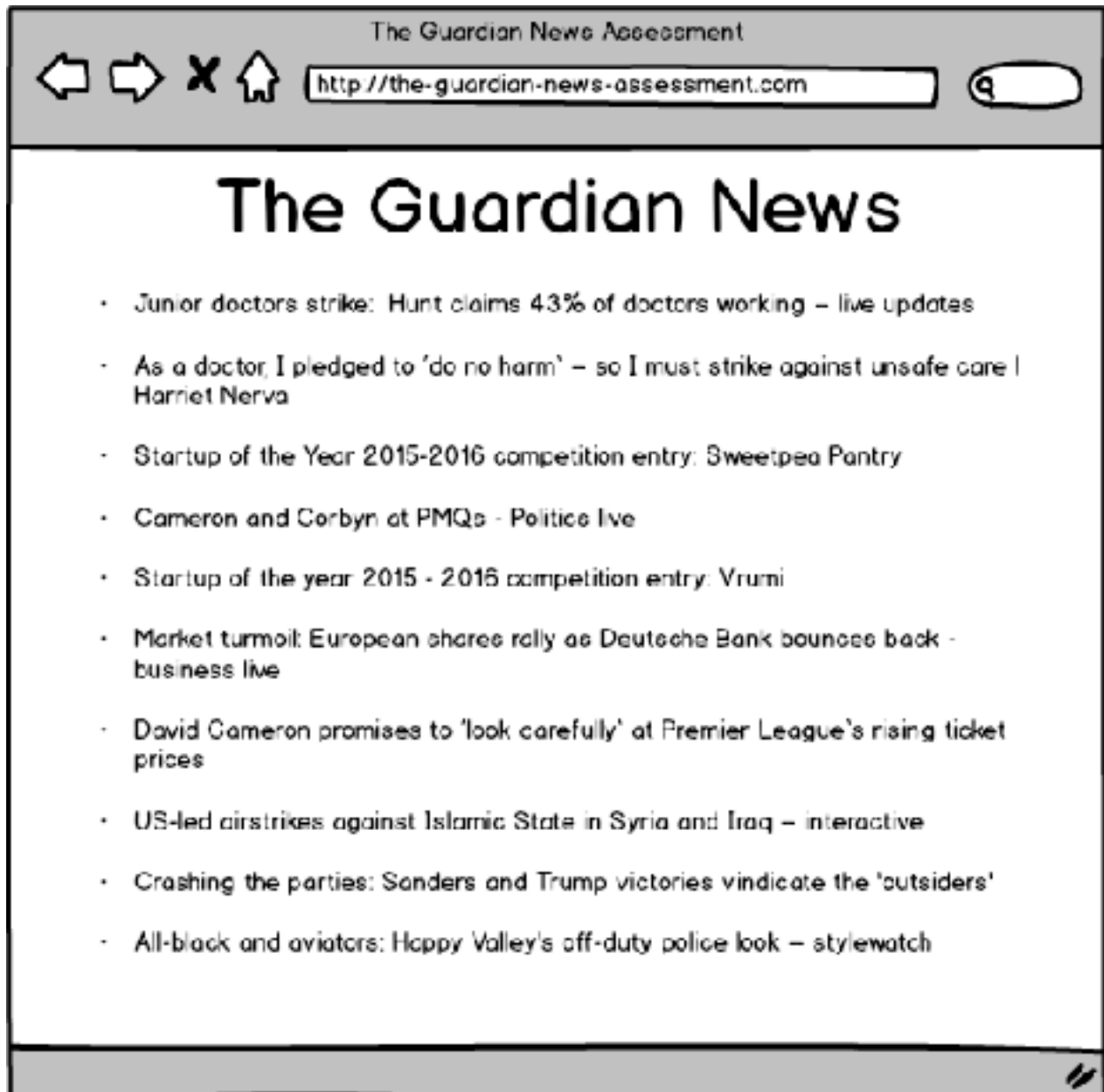
Requirements

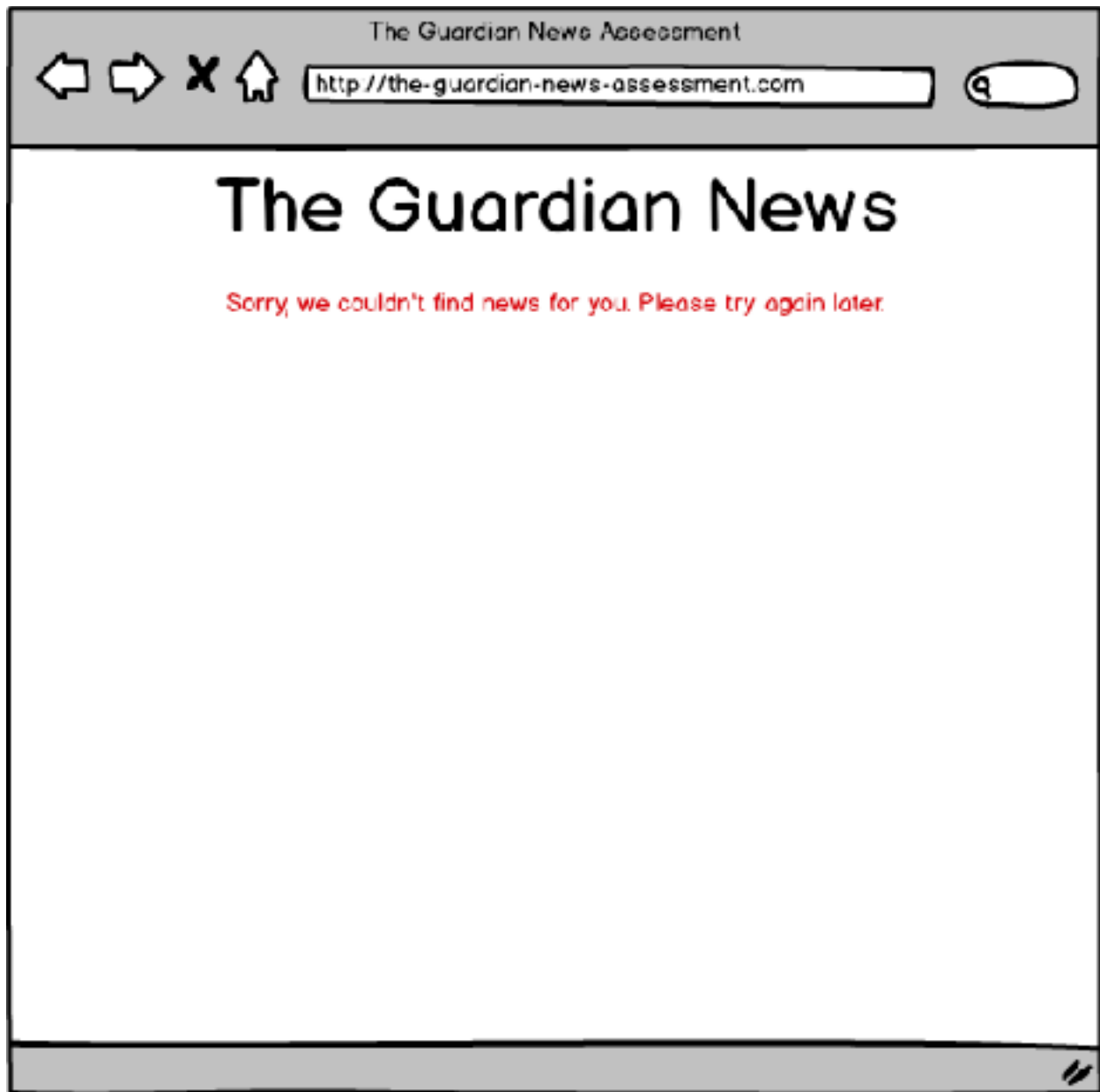
- the page should contain a list of 10 last news;
- each list item should only include a title;
- news should be requested from The Guardian API on page load by using AJAX;
- if an error occurs during a request, a message should be shown.

API

To access a list of 10 last news you can use this URL:
<http://content.guardianapis.com/search?api-key=test>

Mockups





Level 2

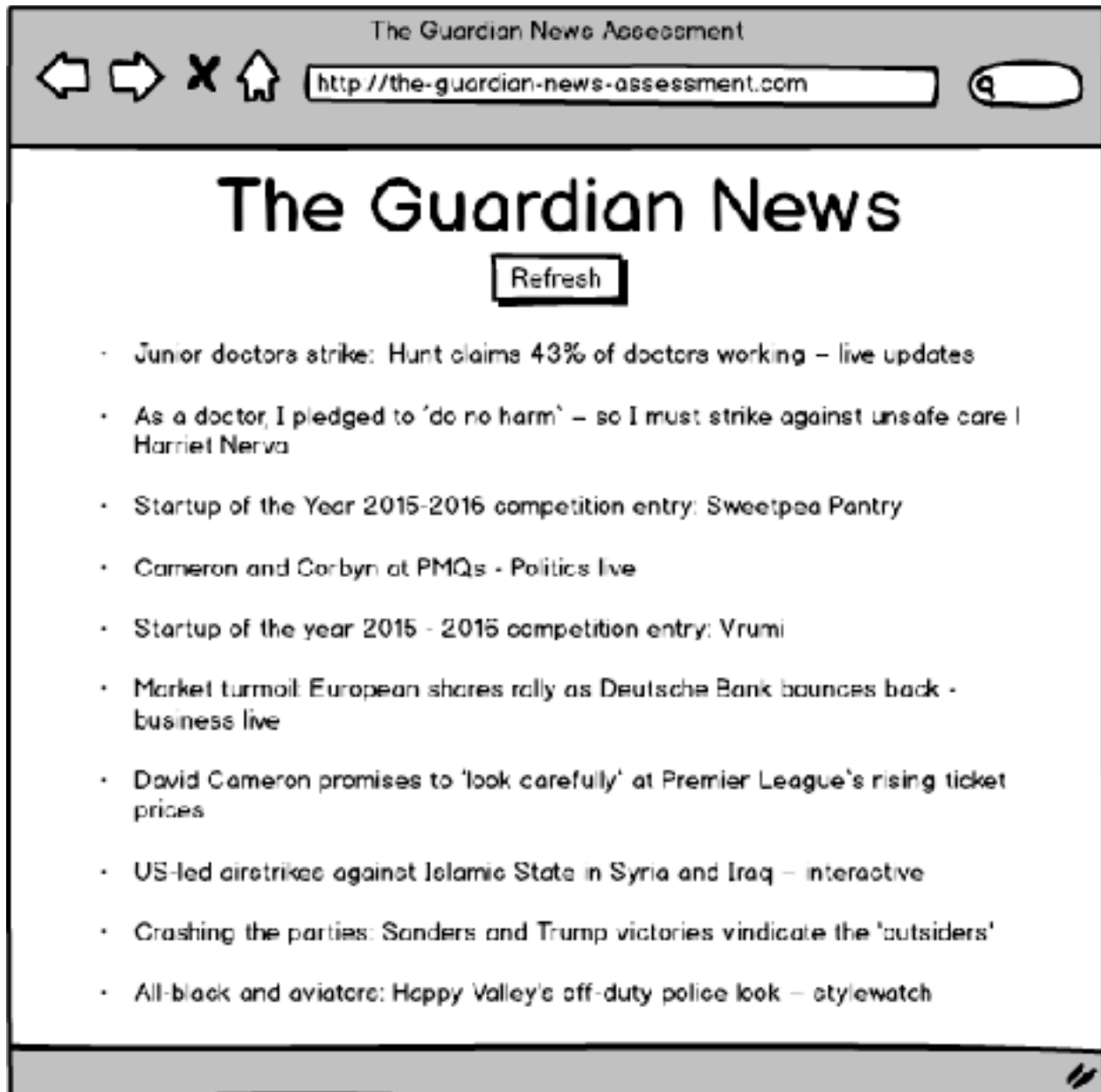
Add refresh button on top of the news list.

Requirements

- the page should contain a refresh button before the news list;

- on a user clicks the refresh button, a new data should be requested from The Guardian API.

Mockups



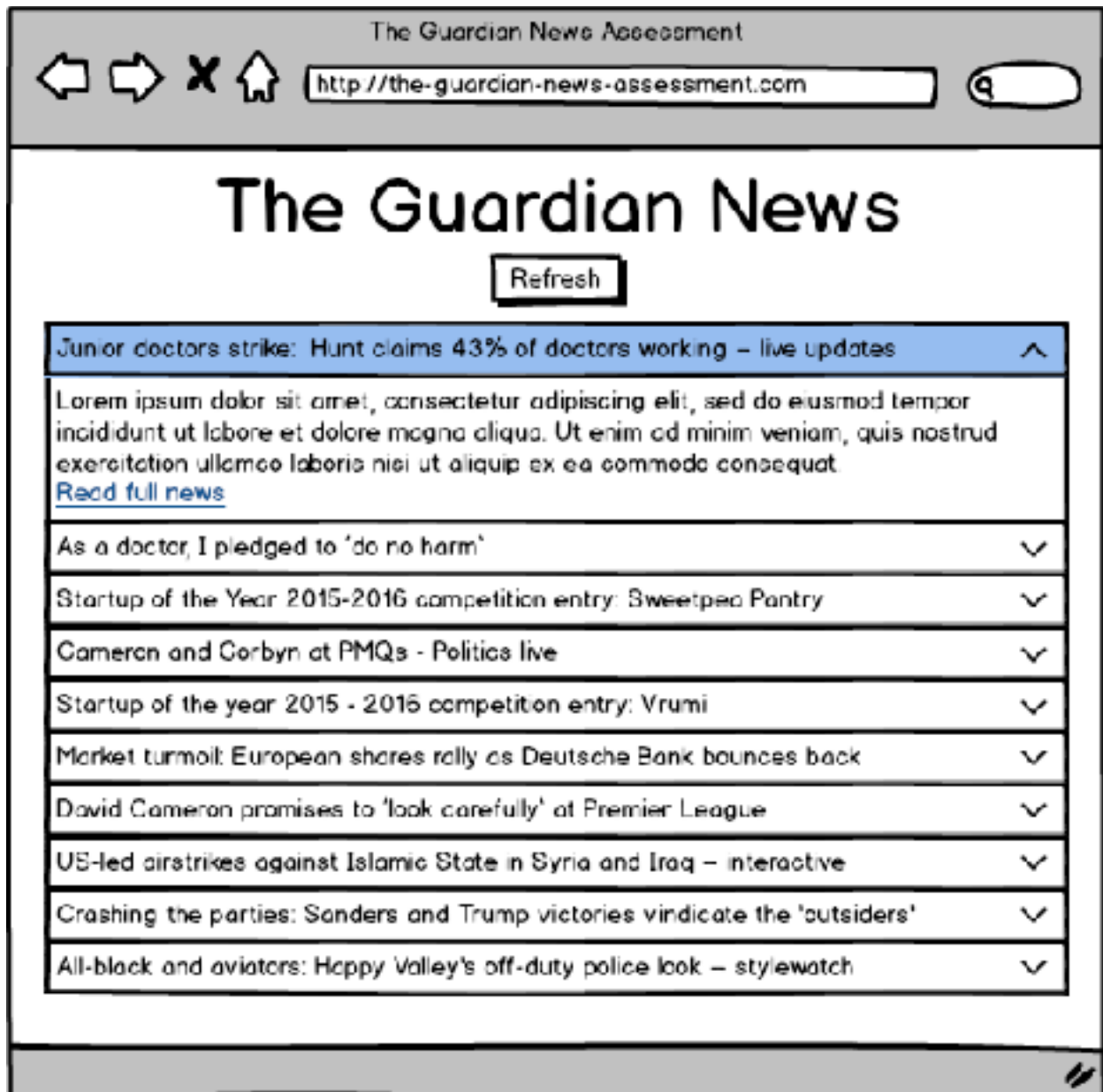
Level 3

Add "accordion" with a short text of the news and a link to the article.

Requirements

- the page should contain an accordion with news title;
- on a user clicks a title, a data should be requested from The Guardian API about clicked news;
- when data arrives, a short text of the news and a link to the full article should be displayed in the block under the title;
- on a user clicks a title of already opened news, the content should be hidden;
- icons for opened and closed news should be different;
- an animation should be used for a slide down / slide up effect.

Mockups



API

To access a text of the news, you can use `apiUrl` from the list result with a `show-blocks=body` parameter like:

<http://content.guardianapis.com/small-business-network/2016/feb/22/startup-of-the-year-competition-entry-pavillion-at-the-park?show-blocks=body&api-key=test>

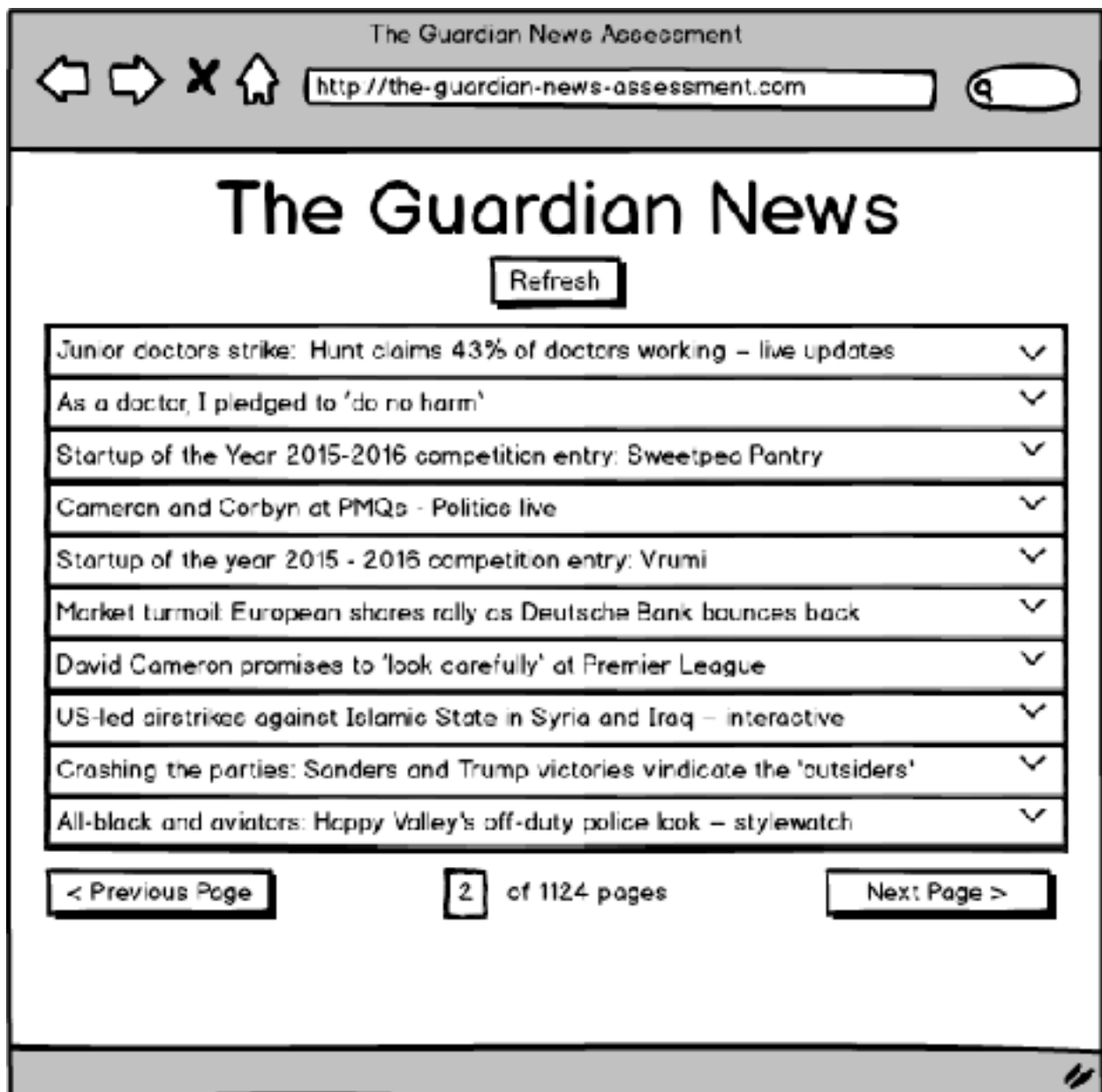
Level 4

Add pagination block.

Requirements

- under the news list there should be a block with pagination that contains:
 - "< Previous Page" button;
 - an indicator of a current page: "[2] of 12421 pages", where the number of current a page is an input field;
 - "Next Page >" button;
- when a user is on the first page, the "< Previous Page" button should be disabled;
- when a user is on the last page, the "Next Page >" button should be disabled;
- when a user clicks to the "< Previos Page" button, a news of previous page should be loaded;
- when a user clicks to the "Next Page >" button, a news of next page should be loaded;
- the indicator of a current page should show correct total pages number and current page number;
- when a user changed a current page number in the input and if the entered page exists, than entered page should be loaded.

Mockups



API

- you can get a total number of pages from a response;

- you can pass a page number as a params to news endpoint as `page=2` (<http://content.guardianapis.com/search?page=2&api-key=test>).

API Documentation

Details about The Guardian API you can read at [theguardian / open platform website](#).