Frontend Developer Exercise

The Guardian News Assessment

Level 1

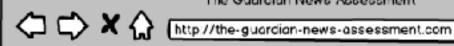
Create a web app that shows a list of 10 last news from The Guardian API.

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

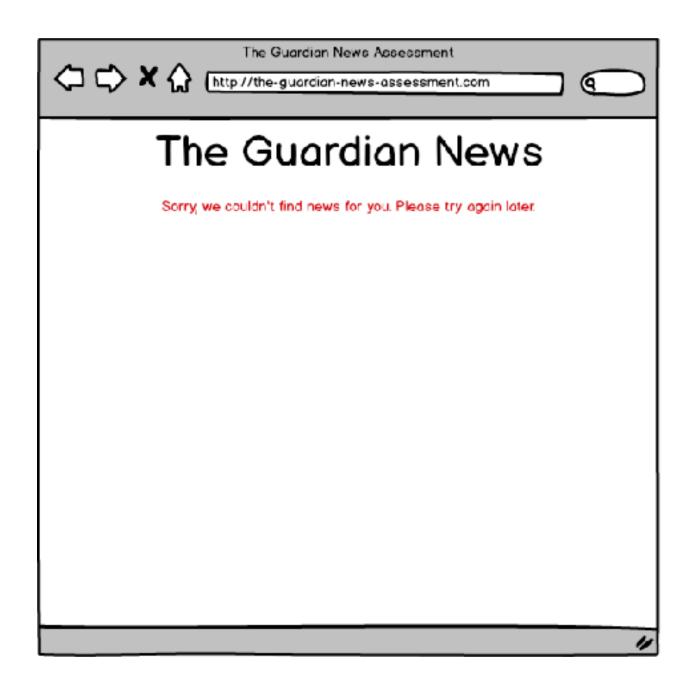


The Guardian News Assessment



The Guardian News

- Junior doctors strike: Hunt claims 43% of doctors working live updates
- As a doctor, I pledged to 'do no harm' so I must strike against unsafe care I. Harriet Nerva
- Startup of the Year 2015-2016 competition entry: Sweetpea Pantry
- Cameron and Corbyn at PMQs Politics live
- Startup of the year 2015 2016 competition entry: Vrumi.
- Market turmoil: European shares rally as Deutsche Bank bounces back business live
- David Cameron promises to 'look carefully' at Premier League's rising ticket prices
- US-led airstrikes against Islamic State in Syria and Iraq interactive
- Crashing the parties: Sanders and Trump victories vindicate the 'cutsiders'
- All-black and aviators: Happy Valley's off-duty police look stylewatch.



Level 2

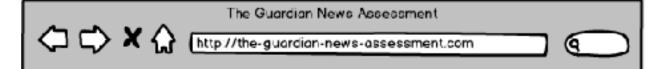
Add refresh button on top of the news list.

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



The Guardian News

Refresh

- Junior doctors strike: Hunt claims 43% of doctors working live updates
- As a doctor, I pledged to 'do no harm' so I must strike against unsafe care I.
 Harriet Nerva
- Startup of the Year 2015-2016 competition entry: Sweetpea Pantry
- Cameron and Corbyn at PMQs Politics live
- Startup of the year 2015 2016 competition entry: Vrumi
- Market turmoit European shares rally as Deutsche Bank bounces back business live
- David Cameron promises to 'look carefully' at Premier League's rising ticket prices
- US-led airstrikes against Islamic State in Syria and Iraq interactive
- Crashing the parties: Sanders and Trump victories vindicate the 'outsiders'
- All-black and aviators: Happy Valley's off-duty police look stylewatch.



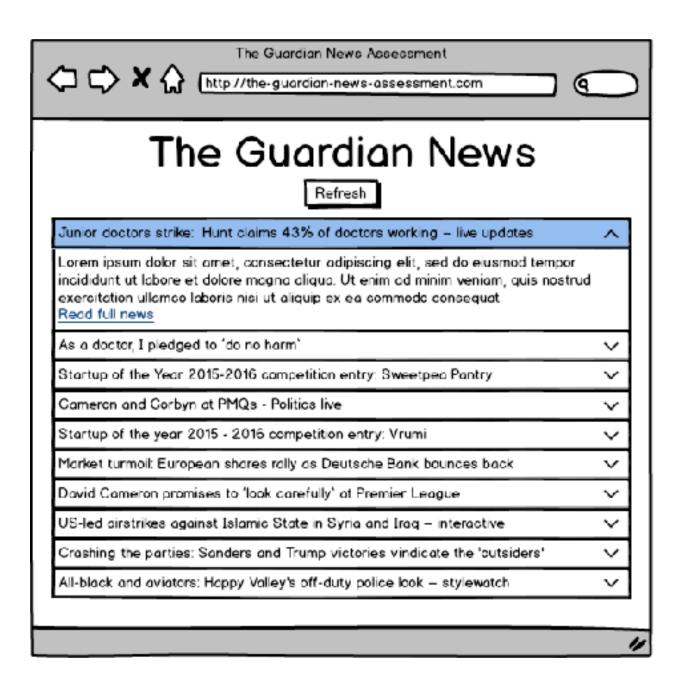
Level 3

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

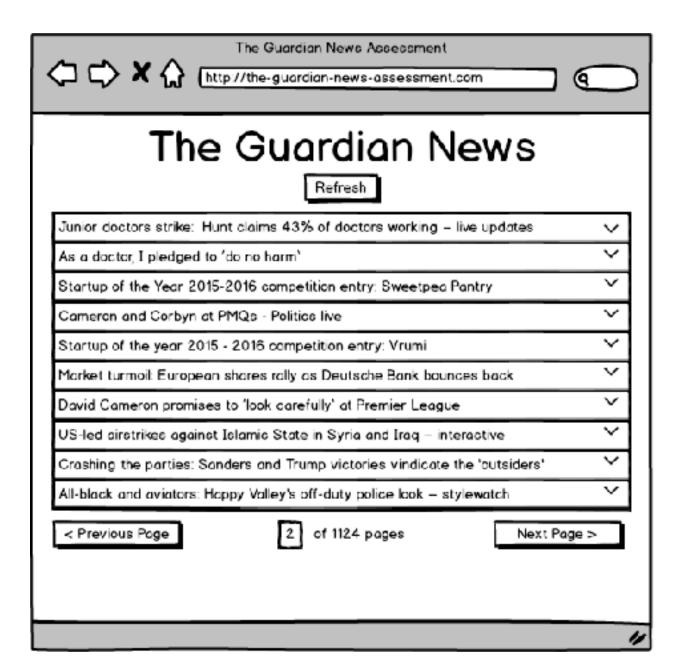
Level 4

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.