**Prerequisites**

**What do you need to know about EcmaScript 6 (ES6) and JavaScript**

Topics and resources that may help you to master your foundation before learning React:

* Higher-order functions
* JavaScript Arrays in Depth (Map)
* Reduce Data with Javascript Array
* Closures
* Currying
* Recursion
* Promises
* ES6/ES7 syntax

1. <https://github.com/ericdouglas/react-learning>
2. <https://github.com/react-webpack-generators/generator-react-webpack>

    or

<https://github.com/kriasoft/react-starter-kit> (Advanced)

**Task**

**Abstract**

Build a website with feeds from news publishers and allow visitors to read and mark what they like.

Write the code using ReactJS, make sure to use clean code concepts on your code writing and attach short note that explains the code design structure.

**Website structure**

1. Create a header to the website that contains:

a. Title “News App”

b. Date – today

2. Create a list of articles:

Each article has:

a. Title

b. Headline

c. Body

d. Add a button to mark if someone liked the article.

e. Pictures at bottom if contains (an extra feature)

3. Adding a search

a. Possibility to search and filter by text.

4. Create a footer:

a. Contact us – Email

**Notes**

1. Count number of visitors per day.

2. Count number of reads per article.  

**API**

Use the following API to get dynamic feeds

https://newsapi.org/

1. Register and get API KEY
2. Choose 5 publishers
3. Filter on latest

**Выполнить условия**:

1. Разбить задание на задачи;
2. Оценить время выполнения каждой задачи (предоставить);
3. Выполнить задание;
4. Выложить на гитхаб;
5. В описание проекта на гитхабе указать информацию из пункта 2, и информацию о реально потраченном времени;
6. Также в описании проекта на гитхабе указать как можно запустить проект или ссылку на рабочую версию.

**Good Luck!**