**FRONT-END:**

**Features Implemented:**

* Ability to display news from the UK or filter news based on the search.
* Ability to view news with thumbnail and short description.
* Simple Pagination of the results and ability to navigate between pages.
* Ability to open the news in the source website and read the full news clicking on the news item.
* Displaying default thumbnail in case thumbnail is not provided by the api.
* Responsive UI Layout using CSS

**Technologies used:** React, Html, CSS (No UI framework has been used)

**BACKEND:**

**Technologies used:** Node, Express, REST API

**End-points:**

| **API Name :** | List news |  |
| --- | --- | --- |
| **Description:** | Common web service to fetch news depending on the **country** or **keyword**.  If **country** is provided this will fetch the latest news from the country.  If **keyWord** is provided this api will return the results matching the keyword provided.  Doesn’t support combining **country** and **keyWord** . In this case **keyWord** will take precedence. |  |
| **End-point:** | **/news/list\_news** |  |
| **Query Params :** | **country** : Country from which to display the news  **keyWord** : Search keyword  **pageSize** : Number of results per page [default value : 20]  **page** : Page to display out of total available pages. (total available pages = totalResults / pageSize) [default value : 1] |  |
| **Syntax:** | **${API\_HOST}/news/list\_news?country=${country}&keyWord=${keyWord}&pageSize=${pageSize}&page=${page}** |  |
| **Example:** | **${API\_HOST}/news/list\_news?country=us&keyWord=Olympics&pageSize=100&page=1** |  |

**Response:**

**{**

**"totalResults" : 20,**

**"articles": [**

**...**

**]**

**}**

**Error Response:**

**{**

**status: "error",**

**statusCode: 404,**

**message: "missing fields : Provide either keyWord or country"**

**}**