src\components\News.js

```
 1  import React, { useState , useEffect } from "react";
 2  import NewsItem from "./NewsItem";
 3  import Spinner from "./Spinner";
 4  import PropTypes from 'prop-types'
 5
 6  const News  = (props) => {
 7    const [articles, setArticles] = useState([]);
 8    const [loading, setloading] = useState(true);
 9    const [page, setpage] = useState(1);
10    const [totalresults, settotalresults] = useState(0);
11
12    // function to capitalize the first letter
13    const capitalizefirstletter = (string) => {
14      return string.charAt(0).toUpperCase() + string.slice(1);
15    }
16
17    const updateNews = async () => {
18      const url = `https://newsapi.org/v2/top-headlines?country=${props.country}&category=
    ${props.category}&apiKey=5d0256b391864729b53a645ab5817942&page=${page}&pageSize=
    ${props.pageSize}`;
19      setloading(true);
20      let data = await fetch(url);
21      let parsedData = await data.json();
22      setArticles(parsedData.articles);
23      settotalresults(parsedData.totalResults);
24      setloading(false);
25    }
26    useEffect(() => {
27      document.title = `Authentic News - ${capitalizefirstletter(props.category)}`
28      updateNews();
29      // eslint-disable-next-line
30    }, []); // empty dependency array indicates that the effect runs only once, after the
    initial render
31
32    const handlePre = async () => {
33      let url =  `https://newsapi.org/v2/top-headlines?country=${props.country}&category=
    ${props.category}&apiKey=5d0256b391864729b53a645ab5817942&page=${page-1}&pageSize=
    ${props.pageSize}`;
34      setloading(true)
35
36      let data = await fetch(url);
37      let parsedData = await data.json();
38
39      setArticles(parsedData.articles)
40      settotalresults(parsedData.totalResults)
41      setloading(false)
42      setpage(page-1)
43
44
45
46    };
47
48    const handleNext = async () => {
49      let url =  `https://newsapi.org/v2/top-headlines?country=${props.country}&category=
    ${props.category}&apiKey=5d0256b391864729b53a645ab5817942&page=${page + 1}&pageSize=
```

```
     ${props.pageSize}`;
50       setloading(true)
51
52       let data = await fetch(url);
53       let parsedData = await data.json();
54
55       setArticles(parsedData.articles)
56       settotalresults(parsedData.totalResults)
57       setloading(false)
58       setpage(page+1)
59   };
60
61   return (
62     <div className="container my-3">
63       <h1 className="text-center" style={{margin:'70px 0 40px 0'}}> Top
     {capitalizefirstletter(props.category)} Headlines</h1>
64         {loading && <Spinner/>}
65     <div className="row">
66       {articles.map((element) => {
67         return <div className="col-md-4" key={element.url}>
68             <NewsItem
69               title={element.title}
70               description={element.description}
71               newsUrl = {element.url}
72               date = {element.publishedAt}
73               imgUrl={element.urlToImage}/>
74         </div>
75     })}
76
77     {!loading && (
78       <div className="container d-flex justify-content-evenly my-3">
79        <button
80         disabled={page <= 1}
81
82         type="button"
83         className="btn btn-secondary"
84         onClick={handlePre}
85       >
86         ← Previous
87       </button>
88       {/* <span>{Math.ceil(totalresults / 21)}</span> */}
89       <button
90        disabled={
91        (page+1) > Math.ceil(totalresults / 18)
92        }
93        type="button"
94        className="btn btn-secondary"
95        onClick={handleNext}
96      >
97        Next →{" "}
98      </button>
99     </div>
100     )}
101   </div>
102   </div>
103   );
```

```
104  }
105  News.defaultProps = {
106      country: 'in',
107      pageSize: 15,
108      category: 'general',
109  }
110
111  News.propTypes = {
112      country: PropTypes.string,
113      pageSize: PropTypes.number,
114      category: PropTypes.string,
115  }
116
117  export default News;
118
119
120  // // instead of using if else in your handelNextClick you could use disable={
     this.state.page + 1 > Math.ceil(this.state.totalReslts/20)} in you
121  // // ur next button
122
123
```