**src\components\PostsList.jsx**

```
 1  //
 2  // POSTS LIST
 3  // ==========
 4  // This is a React component that is able to create a list
 5  // of posts.
 6  //
 7  // Revision History
 8  // ================
 9  // 27.11.2024 BRD Original version
10  // 30.11.2024 BRD Added an example of State Lifting.
11  // 02.12.2024 BRD Converted the page to a modal dialog
12  //                that can also be hidden.
13  //
14  import classes from './PostsList.module.css';
15  import Post from './Post';
16  import NewPost from './NewPost';
17  import Modal from './Modal';
18
19  import { useState } from 'react';
20
21  function PostsList({isPosting, onStopPosting}) {
22     // The parameters of the useState definition below are actually the
23     // deconstructed attributes of the object enteredBody: enteredBody[0]
24     // is the variable enteredBody and enteredBody[1] is the function
25     // setEnteredBody that updates the variable. Since useState is able to
26     // trigger a dynamic page refresh, this React method is a good way to
27     // allow data to be shared between components using a technique
28     // called "State Lifting". The '' in useState defintion signifies
29     // that the data type exchanged is a string.
30     //
31     const [enteredAuthor, setEnteredAuthor] = useState('');
32     function authorChangedHandler(event) {
33        setEnteredAuthor(event.target.value);
34     }
35
36     const [enteredBody, setEnteredBody] = useState('');
37     function bodyChangedHandler(event) {
38        setEnteredBody(event.target.value);
39     }
40
41     return (
42        <div>
43           {isPosting && (
44              <Modal onClose={onStopPosting}>
45                 <NewPost
46                    onBodyChange={bodyChangedHandler}
47                    onAuthorChange={authorChangedHandler}
48                 />
49              </Modal>
50           )}
51
52           <ul className={classes.posts}>
53              <Post
```

```
54                author={enteredAuthor}
55                body={enteredBody}
56            />
57            <Post
58                author="Dachs"
59                body="This is different text passed to the same component"
60            />
61          </ul>
62        </div>
63      );
64    }
65    export default PostsList;
66
```