

politico-WA1-AW1-2023 / wa1-ah-weeks Public

<> Code

Issues

Pull requests

Actions

Projects

Security

Insights

Beta

Try the new code view

main

wa1-ah-weeks / week07 / QA-ex9 / src / App.jsx

<> Jump to

Go to file

...

fulcorno complete implementation of handleSave ...

Latest commit a9dc48e yesterday History

1 contributor

76 lines (63 sloc) | 2.44 KB

Raw

Blame

```
1  import { QuestionWithAnswers } from "../Components";
2  import { Question, Answer } from "../qa";
3  import { Container, Navbar } from 'react-bootstrap';
4
5  import 'bootstrap/dist/css/bootstrap.min.css';
6  import { useState } from "react";
7
8  // FAKE DATA
9  const myquestion = new Question(1, 'Is JavaScript better than Python?', 'Luigi De Russis', '2023-01-01');
10 myquestion.add(new Answer(1, 'Yes', 'Luca Mannella', -10, '2023-02-15'));
11 myquestion.add(new Answer(2, 'Both have their pros and cons', 'Mario Rossi', 0, '2023-03-04'));
12 myquestion.add(new Answer(3, 'Hiiii', 'Dumb boy', -5, '2023-03-04'));
13
14
15 function App() {
16
17   const [question, setQuestion] = useState({ id: myquestion.id, text: myquestion.text, author: myquestion.author, date: myquestion.date });
18   const [answers, setAnswers] = useState([...myquestion.answers]);
19
20   const deleteAnswer = (id) => {
21     setAnswers((oldAnswers) => (oldAnswers.filter((ans) => (ans.id !== id))));
22   }
23
24   const upVoteAnswer = (id) => {
25     console.log('Upvoting answer ' + id);
26     setAnswers((oldAnswers) => (
27       oldAnswers.map((ans) => (
28         ans.id === id ? new Answer(ans.id, ans.text, ans.author, ans.score + 1, ans.date) : ans
29       ))
30     ));
31   }
32
33   const addAnswer = (date, text, author) => {
34     // TODO: test/debug
35     setAnswers((oldAnswers) => {
36       const newId = Math.max(...oldAnswers.map(a => a.id)) + 1;
37       const newAns = new Answer(newId, text, author, 0, date);
38       return [...oldAnswers, newAns];
39     });
40   }
41
42   const editAnswer = (id, date, text, author) => {
43     setAnswers((oldAnswers) => (
44       oldAnswers.map((ans) => (
45         ans.id === id ? new Answer(ans.id, text, author, ans.score, date) : ans
46       ))
47     ));
48   }
49
50   // alternative: group all callback functions in one object, to minimize the number of props to pass
51   const actions = { deleteAnswer: deleteAnswer, upVoteAnswer: upVoteAnswer }
52
53   return <>
54     <header>
55     <Navbar sticky="top" variant="dark" bg="primary" expand="lg" className="mb-3">
```

1/2

```
56     <Container>
57       <Navbar.Brand>HeapOverrun - Question 1</Navbar.Brand>
58       <Navbar.Text>
59         Signed in as: Tom
60       </Navbar.Text>
61     </Container>
62   </Navbar>
63 </header>
64 <main>
65   <Container>
66     <QuestionWithAnswers question={question} answers={answers}
67       deleteAnswer={deleteAnswer} upVoteAnswer={upVoteAnswer}
68       addAnswer={addAnswer} editAnswer={editAnswer} />
69   </Container>
70 </main>
71 { /* <TestInput/> */}
72 </>
73
74 }
75
76 export default App
```

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