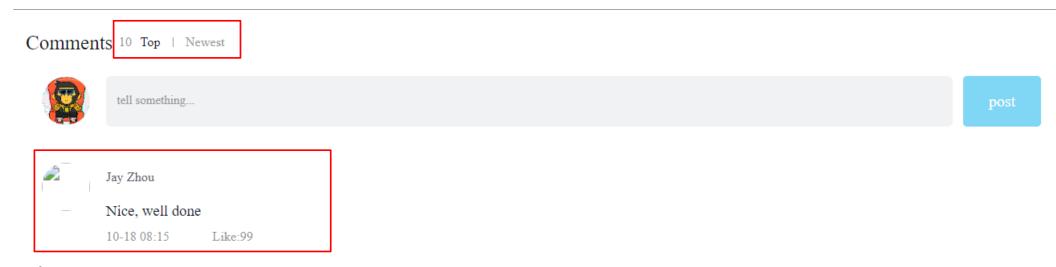
Work Shop: Forum Comments

RUJUAN XING

Features



Tasks:

- Display comments
- Delete comments
- Display and highlight Tabs
- Implement sorting of comments

Feature 1 - Display comments

- Use useState to maintain comments
- Use map to list comments, don't forget key

Feature 2 - Delete Comments

Features:

- Display "delete" button for own comment
- Click "delete" button, delete current comment

- use condition to decide weather display "delete" button
- Get current comment's id, then filter the comment list

Feature 3 - Display and highlight tabs

Features:

• Highlight the tab which is clicked, remove highlight of other tabs

- Store which tab is being clicked
- Loop all tabs to match the one being clicked
- Then set style for the clicked one
- The type of each tab must be unique

classnames

A simple JavaScript utility for conditionally joining classNames together.

```
npm install classnames
```

```
<span key={item.type}
    onClick={() => handleTypeChange(item.type)}
    className={`nav-item ${activeType === item.type && 'active'}`}>
    {item.text}
</span>
```

```
className={classnames('nav-item', {active: item.type === activeType})}
```

Feature 4 - Sorting

Feature:

- If you click on the "Newest" tab, the comments will be displayed in descending order based on their creation time.
- If you click on the "Hot" tab, the comments will be displayed in descending order based on their likes.

- Use useState() to maintain the comment list
- In click handler, use condition to set different sorted comment list

Lodash

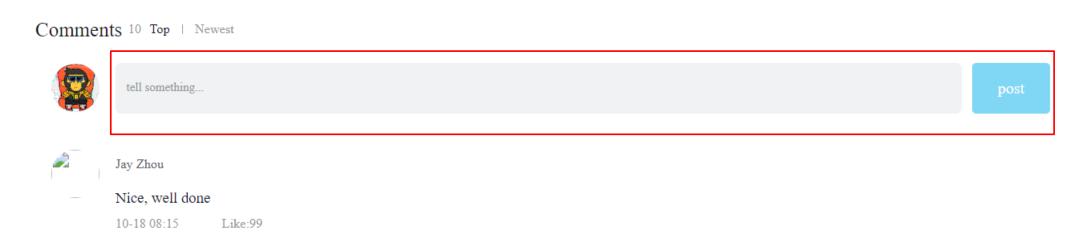
A modern JavaScript utility library delivering modularity, performance & extras.

```
npm i --save lodash

npm install --save-dev @types/lodash

_.orderBy(collection, [iteratees=[_.identity]], [orders])
```

Feature 5 – post a comment



Steps:

- 1. Get the post content
- 2. Attach event handler on "post" button to make posts

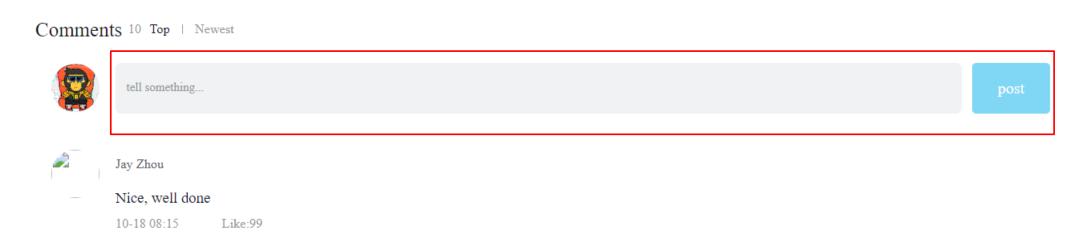
ID and Time

1. rpid must be unique – uuidnpm install uuidnpm i --save-dev @types/uuid

2. ctime is current time, and has special format - dayjs

npm install dayjs

Reset and focus after post



- 1. Reset Set the value state controlling the input box to an empty string.
- 2. Re-focus obtain the DOM element of the input and call the focus method.