

Imbee Frontend Engineer Off-site Test

Time Estimation: 4 - 8 hours

Requirement

You are expected to redesign the StackOverflow listing with the following API:

- [StackExchange API](#)

Using the HTML, CSS, React.js/Vue.js to create a simplified listing of StackOverflow tags and questions. There are 3 major components: searching, trending tags and question listing. A mockup screen is like this:



Trending Tags

1. Display top 10 trending tags

2. Data can be found using this (<https://api.stackexchange.com/docs/tags>)
3. Default selected the first tag.
4. Use a round corner for tag border.

Question Listing

1. The question list data can be found using this (<https://api.stackexchange.com/docs/questions>) with the selected tag as the filter.
2. Support infinite scrolling (20 questions per fetch) and lazy load.
3. When scrolling down the list, the “Trending Tags” section shall scroll together.
4. Clicking a question will open a new tab to the question link.
5. Highlight the score when it is below zero
6. Highlight the answers with border only when it has more than 1 answer but not accepted.
7. Highlight the answers when it has more than 1 answer and accepted.
8. Apply round corner for user profile picture.

Searching

1. The search will apply searching to trending tags.
2. The search bar is located at the top of the page, even when the list is scrolling.
3. Search is performed when the keyword is typed, trending tags and listing shall update accordingly.

Specification

1. The code should work after we clone the repository.
2. Please prepare a setup guide on how to kickstart your application.

Bouns

1. Use redux for development
2. Use responsive design
3. Show loading spinner when fetching data
4. Add animations
5. Any functions/features you see fit into the use case.