Imbee Frontend Engineer Off-site Test

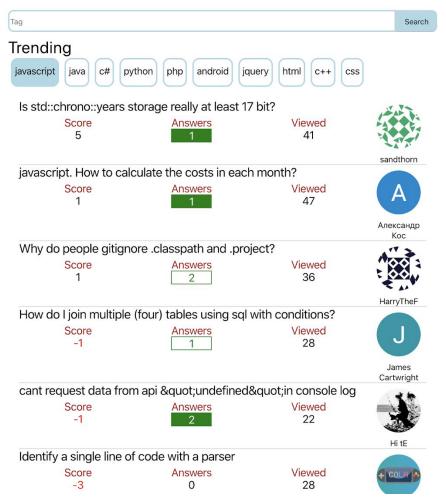
Time Estimation: 4 - 8 hours

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

- 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.