

Frontend Application Engineer Offsite Question

Offsite Test Technical Requirements

Required:

- Using React.js to implement the component.
- Using CSS class for styling instead of inline style.

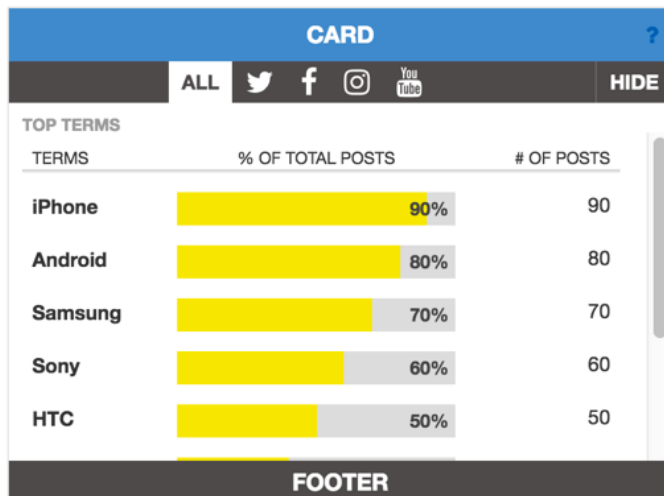
Nice to have:

- Using Redux for global state management.
- Using CSS-Modules or any CSS-in-JS solutions is welcome.
- Using Hooks and function components is highly recommended.

Problem Statement

Your task is to implement a simple card like below picture. Please provide the result on *CodeSandbox* or any other similar playgrounds. Please upload a text file containing the URL link to your answer to the offsite system.

The code will be evaluated based on correctness, coding style, and time consumed. You can use any existing frameworks. Although the overall look of the result should be similar to the picture, we are not asking for the exact icons, colors, or fonts. Do not spend too much time on them. Also for this offsite test you do not need to worry about cross-browser support. We will review the result using the latest Chrome.



← Header

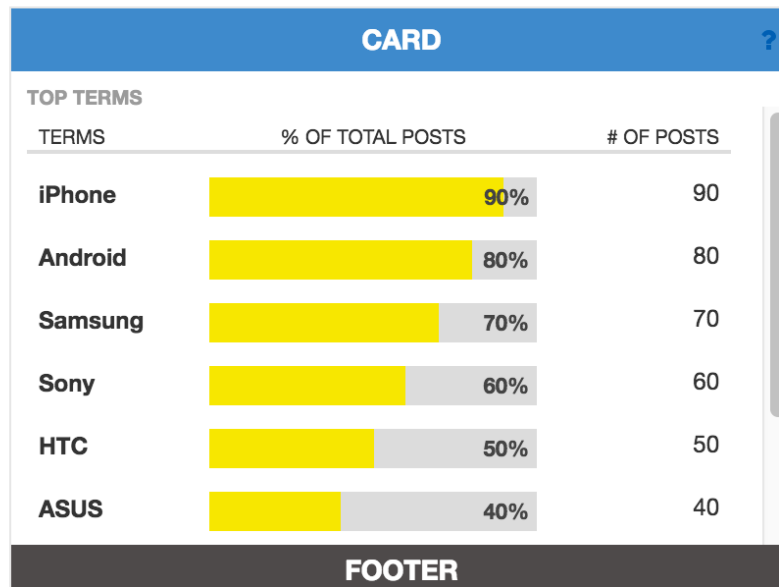
← Second Header

← Content (Title + Table)

← Footer

Requirements

- The card should be placed in the middle of the page with 4 blocks, Header, Second Header, Content, and Footer.
- The width of card is 400px and the height of card is 300px. The alignments should follow above picture.
- The header and second header should stick to the top of the card. And the footer should stick to the bottom of the card.
- The tabs on the second header are clickable. Except “All” tab, which will show results, other tabs will be blank.
- When clicking on the “HIDE”, the second header should become hidden. Be noted that the height of the content should grow to fill up the space like below picture.



- The array of top terms is provided in file “terms.json”. Instead of having static code in html, please draw the table dynamically using JavaScript. You can directly copy the array in terms.json to your script.
- The number of total posts is 100. The width of yellow bar for each row should be based on percentage (number of terms / number of total posts). Please use CSS to generate the bars instead of using any chart library.
- The table should be scrollable. Be noted that the title (“TOP TERMS”) should still stick on the top when scrolling.