Problem Statement

Time Duration: 1 hour

General Instructions

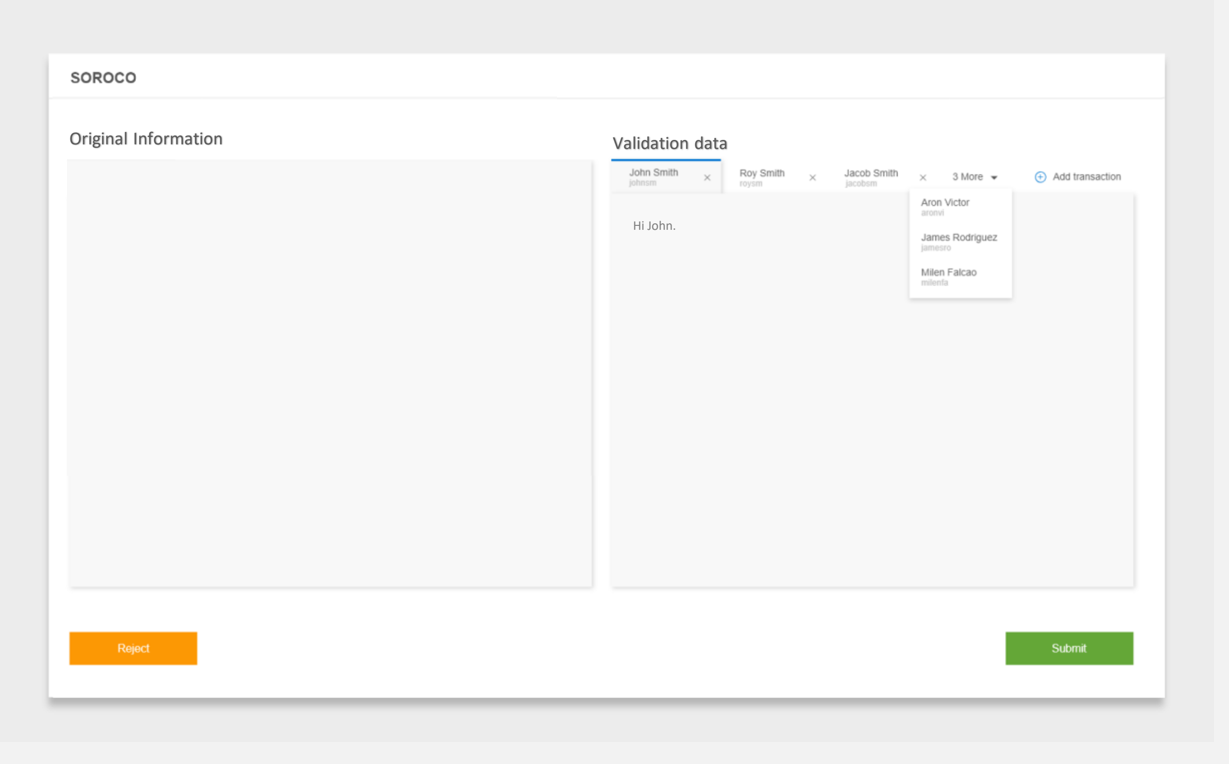
1. This is an assignment round and the task is to create a webpage to facilitate tabular layout with other required feature for better user experience. Look at the mockup under **Task** heading for better understanding.

2. We have partially completed the assignment using plain HTML, CSS and JS/jQuery. If you face difficulty with current setup, you are free to use any other CSS/JS framework or library. But the duration of this assignment will remain same.

3. After completion, we expect a zipped/compressed folder containing your solution/google drive link along with the specific instructions (if any) to run the solution.
   (Note – mail doesn't allow js files to be directly sent, so please convert your js files to .txt/.ts/any other file extension before sending the files)

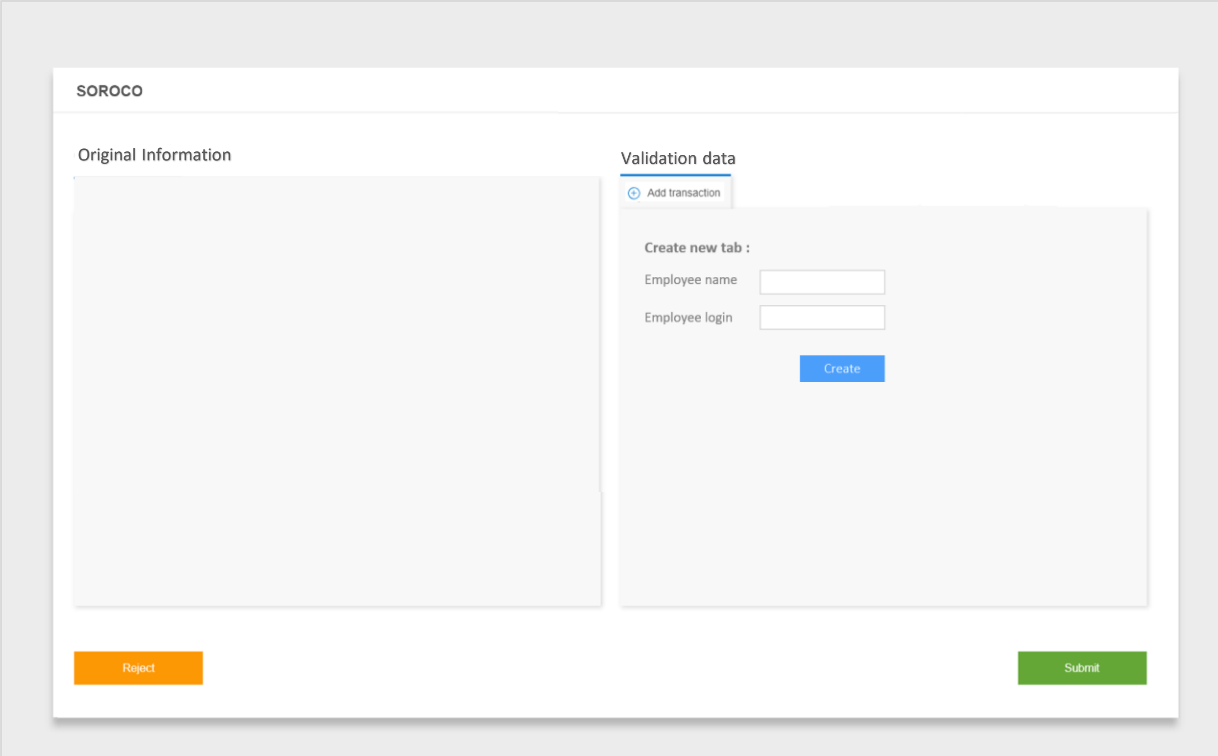
Tasks

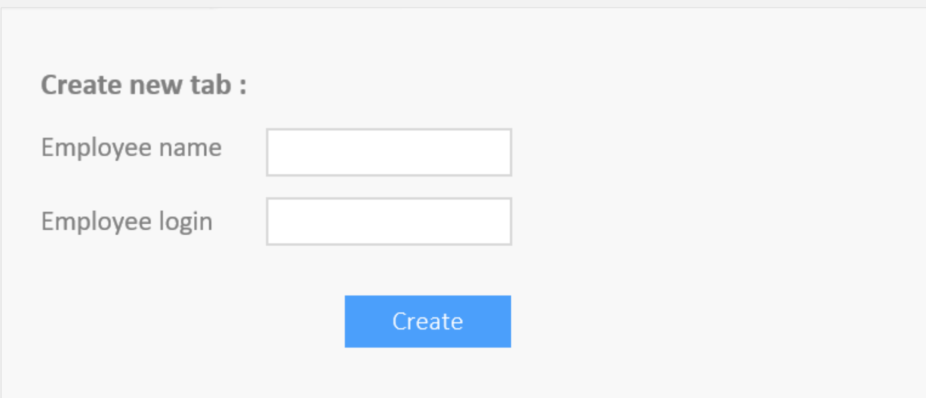
You will be creating a simple dashboard (please refer to the image below), with a header, two panes and two buttons below.



1. Initial Look:

For the second pane named “Validation data”, initially the screen looks like -





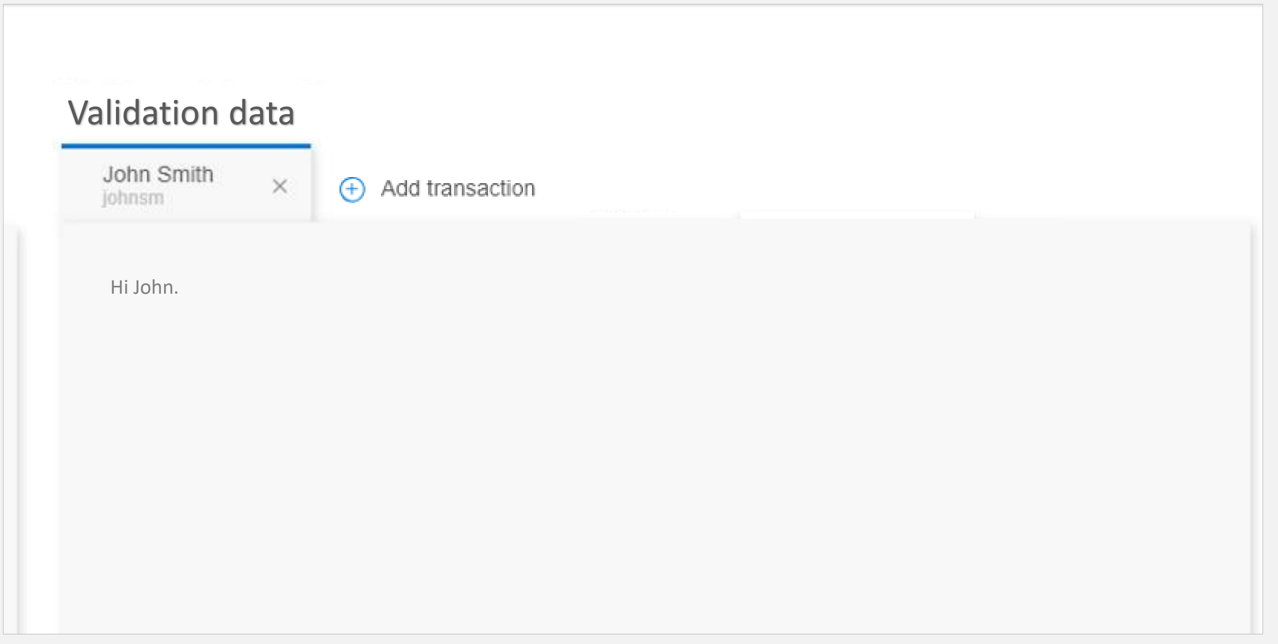
2. On adding a new tab:

Once a person clicks on “Add transaction” tab, he has to enter the “Employee name” and “Employee login” and click on create button. Please ensure that a tab cannot be created if the proper “Employee name” and “Employee login” are not provided(shouldn’t be empty).

Whenever a new tab is created, that newly created tab should be set as the “active” tab. Please note, that the active tab has Top highlight and a grayish background to demarcate that it’s active. **Also the tab width is not fixed**, rather it grows/shrinks according to the Employee Name/Login provided in “Add transaction” tab.

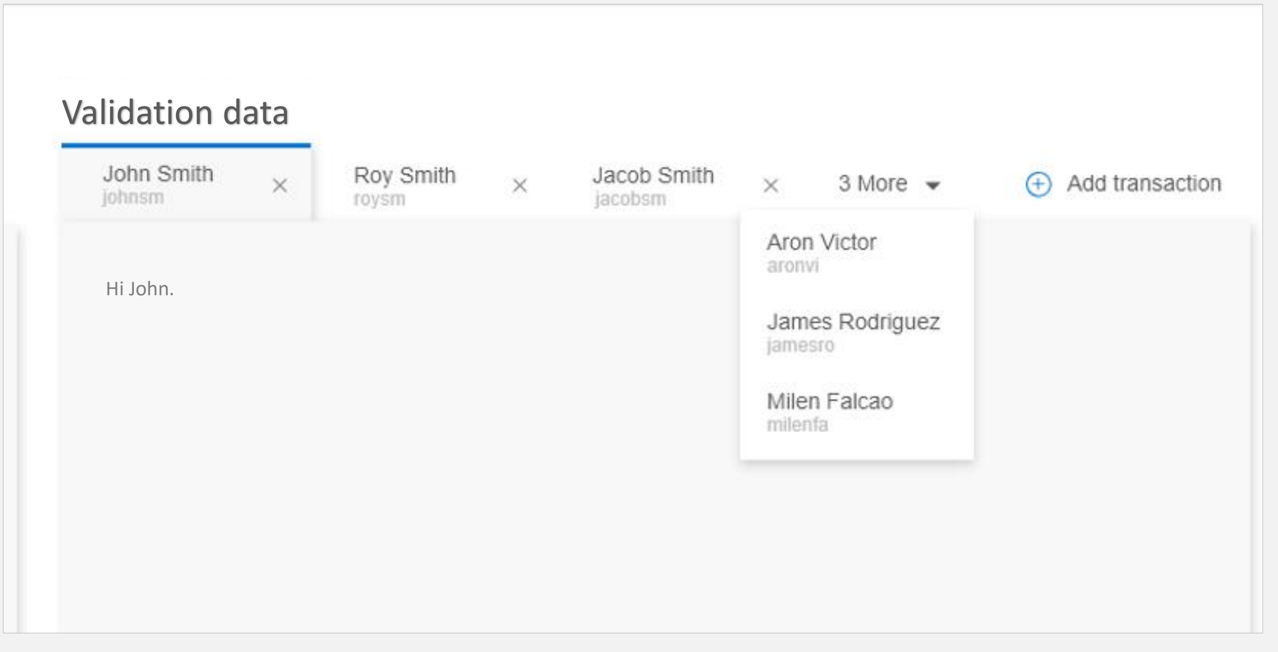
All the created tabs should have a “**x**” **close button to close the tabs**. Each tab has “Employee name”(in first row) and “Employee login”(in second row) as the tab text/title.

A new tab is added to the section. A person can add any number of tabs.



3. "See more" feature:

When there are more number of tabs, than what screen can accommodate, a "See more" tab should get created at right most, just before "Add transaction", and on click of that, a dropdown menu can be viewed where a particular tab can be selected.



The Heading of the tab reads "3 More" as there are additional 3 tabs to choose from which are not visible until the "3 More" is clicked.

When a person selects a tab from dropdown menu, one of the open tabs is replaced by the selected tab.

For example, in the above screenshot, if "Milen Falcao" is selected then, "Milen Falcao" tab is added on the left and "Jacob Smith" won't be visible anymore, and would be added as an option in "3 More" dropdown.

4. Points to remember:

The tab widths are dynamic in nature. **The tab width adjusts according to the content within the tabs**. For e.g. tab for employee named Bill must be smaller compared to that of Benjamin. *Have max/min width to avoid very large or very small tabs.*

The "**Add transaction**" tab **should always be positioned right most in tab list**. Similarly, the "**See more**" **should also be positioned , just before "Add transaction" at the second to the right most position**, whenever required.

The "See more" feature should be responsive for all screen sizes and orientations.

When the screen size reduces, the *tab widths and the number of tabs should auto adjust* such that "See more" feature remains functional.

Contact

In case of any doubts or clarifications needed, feel free to reach out to

1. **Sujit** - 8904973778
2. **Piyush** - 9741410084

Evaluation Criterion

You would be evaluated on completeness and quality of dashboard and how well the features have been implemented.

General

Total score - 20

1. Modularity and reusability of code
2. Coding practices and Javascript standards
3. Cross-browser compatibility (bonus – if it works for IE, Edge and Safari)
4. Code performance

Functionality

Total score - 50

1. Tab creation - 15
2. See more dropdown creation - 25
3. Selection of tabs from dropdown, setting active tabs - 10

Aesthetics

Total score - 30

1. Responsive - 20
2. How close the solution imitates the mock up shared - 10

-- All the best --