

Case Study Leaderboard

Please complete the following assignment with React JS or React Native.

Make sure your code is readable and maintainable. If you have any questions about the requirements, please let us know so we can clarify.

We accept the submission as a ZIP file or a URL of your Git repository.

UI Requirements:

Title 1	Title 2	Title 3
Value 1	Value 2	Value 3
Value 4	Value 5	Value 6
Value 7	Value 8	Value 9
Value 10	Value 11	Value 12

1. Create text input for user name and search button.
2. The text input and the button should be in the same row.
3. The text input and the button should be in the center vertical of the screen.
4. See the simple wireframe above as an example.

Logic Requirements:

1. Use the data provided here: [Click here to download the JSON file](#)
2. After inputting the user name (i.e., the *searched user*) and clicking the search button, render a list of the 10 people with the most bananas.
3. Every entry of the list includes:
 - Name
 - Rank (1 for the highest number of bananas, 2 for the second-highest, etc.)
 - The number of bananas
 - Is the user the *searched user*? (true or false)
4. The list is sorted by rank (1 first, 10 last).
5. If the *searched user* does not exist (i.e., it is not included in the JSON file), show (can be an alert or a modal) this error message: "This user name does not exist! Please specify an existing user name!".
6. If the *searched user* has enough bananas to appear in the top 10, keep the list. (see example case 1 below)
7. If the *searched user* doesn't have enough bananas to appear in the top 10, Replace the *searched user* with the last rank of the top 10 list and the *searched user* rank should be his/her rank of the whole list. (see example case 2 below)

Example input and output

Case 1: Searched user **Berta Mcguirk** is in the top 10

Name	Rank	Number of bananas	isSearchedUser?
Shirley Kauffman	1	6609	no
Earleen Douse	2	1900	no
Sallie Procopio	3	1232	no
Maxwell Cuadrado	4	1000	no
Berta Mcguirk	5	932	yes
Valeria Dewey	6	809	no
Remona Busse	7	700	no
Daren Pierson	8	700	no
Carlotta Pacetti	9	600	no
Dacia Reep	10	578	no

Case 2: Searched user **Berta Mcguirk** is NOT in the top 10

Name	Rank	Number of bananas	isSearchedUser?
Shirley Kauffman	1	6609	no
Earleen Douse	2	1900	no
Sallie Procopio	3	1232	no
Maxwell Cuadrado	4	1000	no
Valeria Dewey	5	809	no
Remona Busse	6	700	no
Daren Pierson	7	700	no
Carlotta Pacetti	8	600	no
Dacia Reep	9	578	no
Berta Mcguirk	239	198	yes