

Assignment 7. React

CREATE REACT APP

As a restaurant owner, I want to calculate the total tip offered by various customer according to their experience.

For example, if the experience is excellent and the total bill of the customer is 2000

The total tip would be 20% of 2000 i.e. 400 Rs. You need to show Customer Name and the tip amount 400 as an output for each customer.

Refer to the attached image for the functionality UI.

The image shows a UI for a 'Tip Calculator' app. It is divided into four main sections with colored borders and labels with arrows:

- Header (Blue border):** Contains the title 'Tip Calculator' and the subtitle 'Build in React'.
- Input (Green border):** Contains a text input field with the placeholder 'Enter your bill amount' and the value '1000'. Below it, there is a dropdown menu labeled 'How was the service' with 'Choose...' selected, a text input field for 'Customer Name', and a blue 'Add Customer' button.
- Output (Pink border):** Contains a section titled 'Customer List' with a bulleted list of tips:
 - Rakesh Suthar offering a tip of 200 rupee.
 - LOCAL SHOP offering a tip of 100 rupee.
 - LOCAL SHOP offering a tip of 50 rupee.
- Footer (Dark Grey border):** Contains a green 'Calculate Tip & Customer' button, a table with the following data:

Total Customer	Tip
3	350

, and the copyright notice '@2020 TIP-CALCULATOR'.

Create functionalities as mentioned in the Image in react with the following:

1. Create a bill amount field.
2. Create a text input for entering the name of the customers.

3. Create a select tag for service rating, based on the rating the tip amount will be calculated and displayed.

for example:

total bill amount: 2000

Service 1: excellent (20%)

Service 2: Moderate (10%)

Service 3: bad (5%)

4. Tip from customer 1: $(2000) * 20\%$ - Customer tip - 400 Rs
Tip from customer 2: $(2500) * 10\%$ - Customer tip - 250 Rs
Tip from customer 3: $(5000) * 5\%$ - Customer tip - 250 Rs
5. When customer clicks on Add customer button after filling the details, calculate and display the tip for the customer and add the details to the output area dynamically.
6. Add a Calculate button to view total customers and total tip paid.