

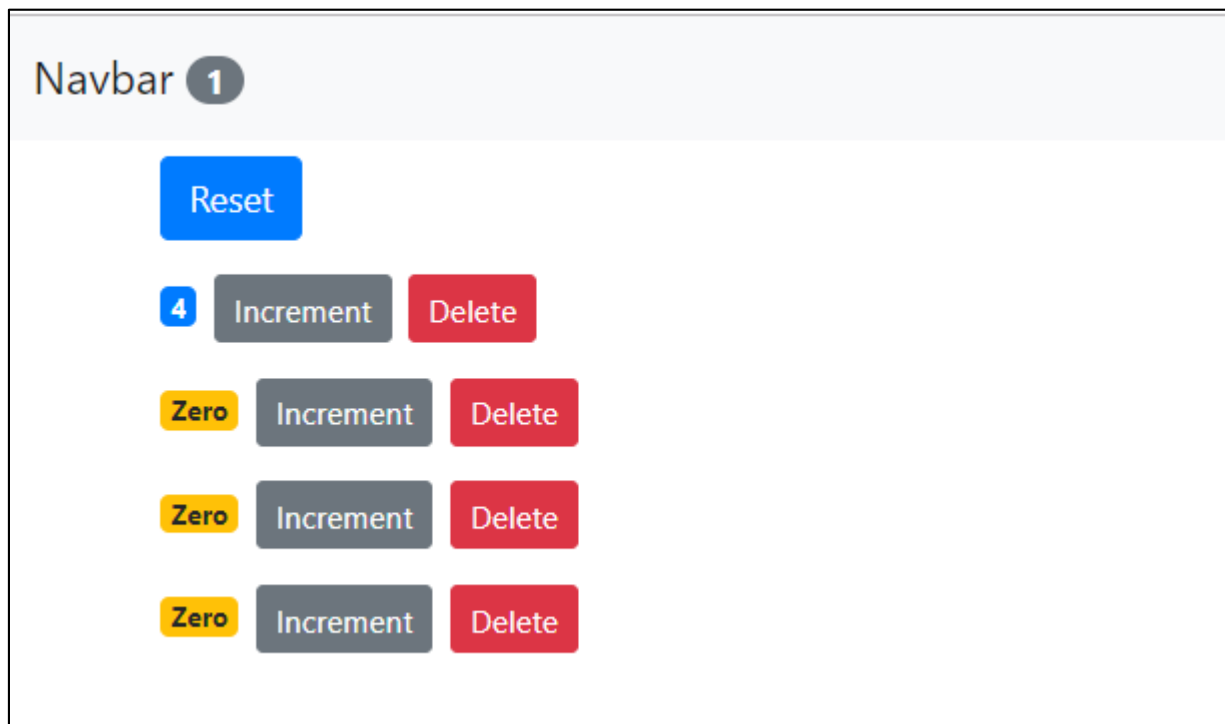
React Assignments

After solving the assignments associates will be equipped on below objectives

Objective:

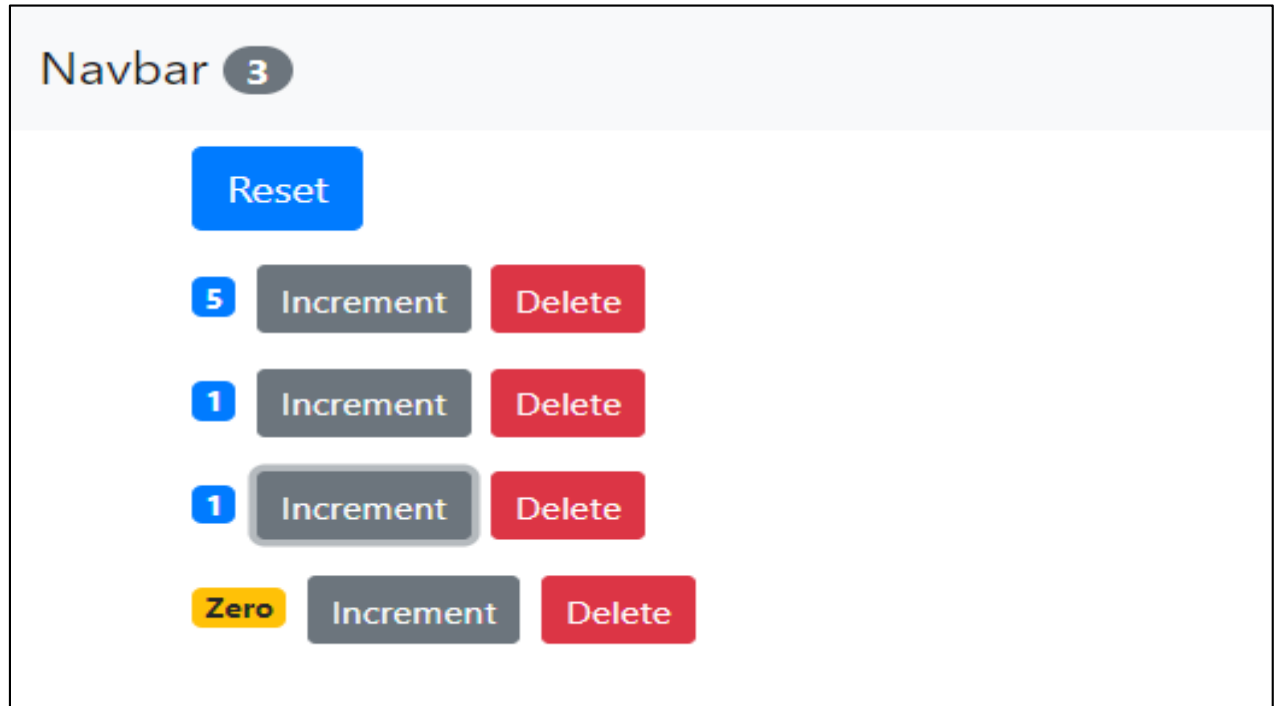
- To understand the concept of components
- To implement property and event bindings
- To use services for reusable business logic
- To make HTTP requests to a web-api/web service
- Handle routings in a single page application

Problem Statement: Create a React Application that exhibits following patterns. Refer screen shot.

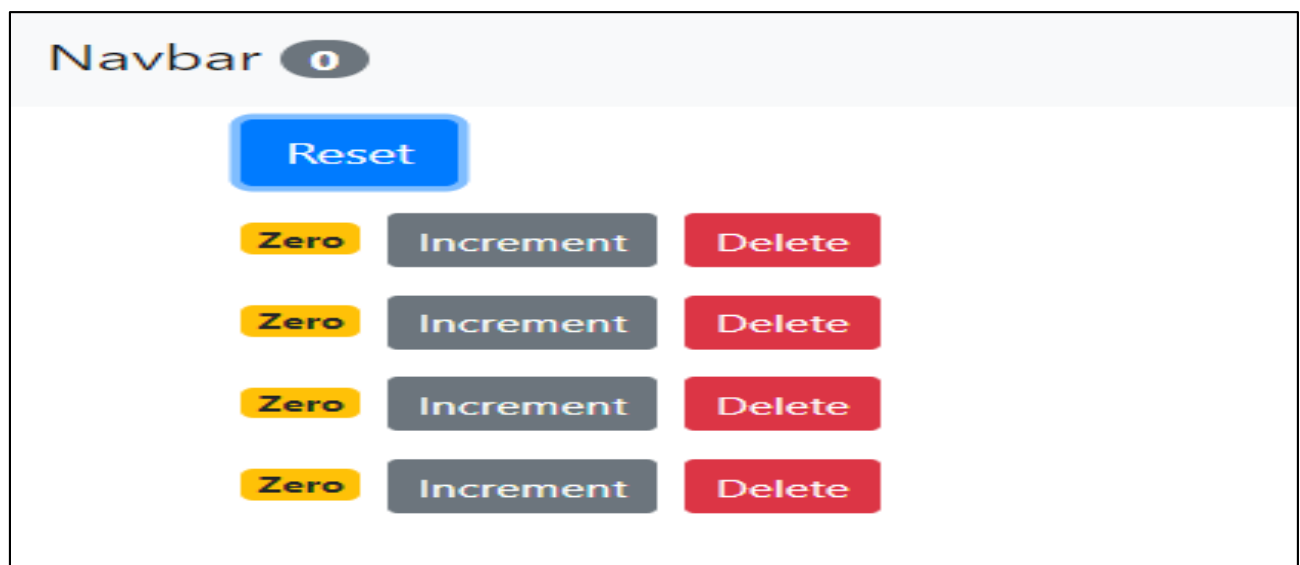


As per screen shot, page represents sample counter application. The First counter has value 4, Second, Third, Fourth counters are at value Zero. Each of these counters can be incremented and deleted entirely. The Reset button will initialize all counter values to Zero. The Navbar will display the count of active counters.

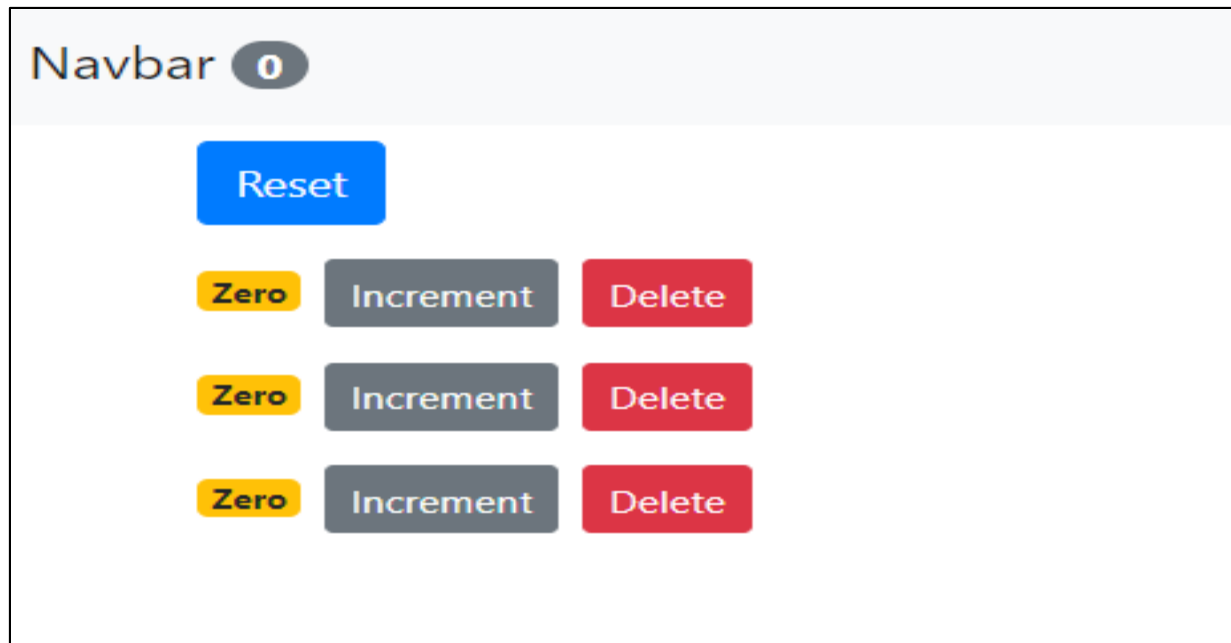
By clicking on the First Counter, count increments to 5, Second and third counter increment by 1 respectively. The Navbar displays actual counter count as 3. Refer screen shot.



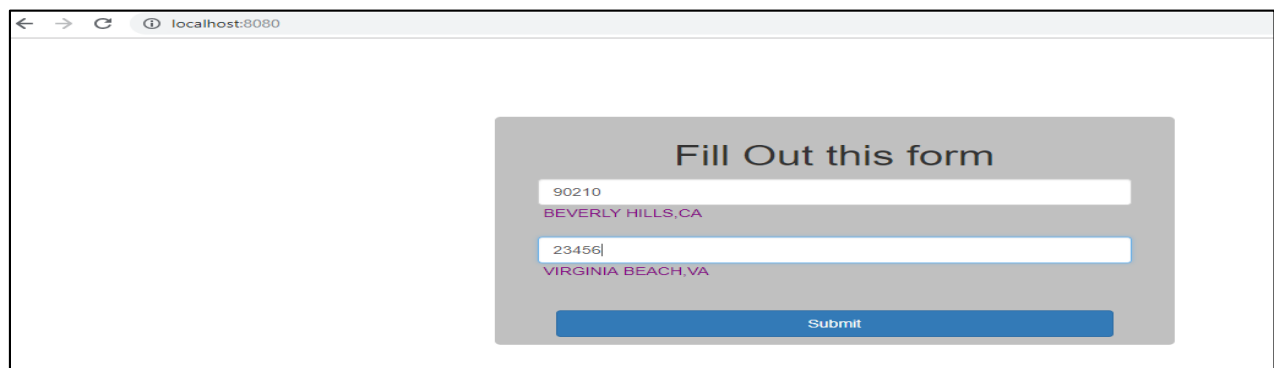
On click of Reset button, count resets to Zero for all counters, and Navbar displays actual counter count as 0.



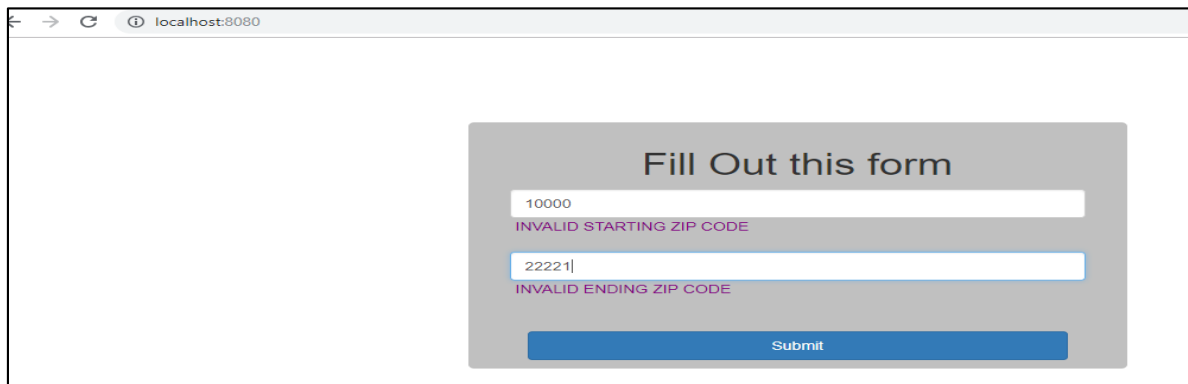
On click of Delete button would delete the counters.



Problem Statement: Create a React application that exhibits the use of a sample form that inputs Starting zip code and Ending zip code. Depending upon the Zip code entered display the city and state. PFB screen shot



If invalid Zip code entered, then display "Invalid Zip code"



A screenshot of a web browser window displaying a registration form. The browser's address bar shows 'localhost:8080'. The form is titled 'Fill Out this form' and contains two input fields for zip codes. The first field contains '10000' and has a red error message 'INVALID STARTING ZIP CODE' below it. The second field contains '22221' and has a red error message 'INVALID ENDING ZIP CODE' below it. A blue 'Submit' button is located at the bottom of the form.

Note:

1. Make use of external API: 'http://ziptasticapi.com'
2. Display appropriate error message when invalid zip code is entered

Problem Statement: Create a registration form using React