Lab 5 Question 2

The following are the Components, Elements, and Events Identified in the Code

Components: There are two components in this code:

a. User Component: This is a class-based component, more like a blueprint or a reusable piece of code that defines the structure on which the App component can be built.

b. App Component: The App component is a main method that uses the user component's structure and props to pass the parameters, making the component unique depending on the task.

The Elements in the code are listed below.

i. Div Element: The div element in the user component is the standard HTML element. This element contains attributes like inline styling and onClick to add functionality and styling to this element. The div element uses the onClick function to return and render a user-displayed message "Hello dear."

ii. React Element (<user> in <app>): This react element acts similarly to the div element, but it is dynamic and renders the interface depending on the blueprint mentioned in the div element.

The Events in the code are mentioned below:

. onClick Event: The onClick event of the <div> is rendered through the attachment of the onClicked function

. onClicked() Handler Called every time the user clicks on the <div>. Since this sets state, it re-renders the User component; thus, it is a handler for changing the background colour.

. Event Binding: In the constructor, onClicked is bound to this to ensure the correct reference context when called.