

## **Tell us the differences between uncontrolled and controlled components**

Uncontrolled components are those whose state and behavior are not managed by a parent component. These components are responsible for managing their own state and behavior and may interact with other components. Controlled components can be useful for managing complex state or behavior that is specific to a particular component. They can also help maintain data consistency and make it harder to reason about the overall behavior of the system. Controlled components are those whose state and behavior are managed by a parent component or the system itself. In a controlled component, the parent component is responsible for managing the state and behavior of all of its child components, and the child components are responsible for managing their own state and behavior relative to the parent. This makes it easier to reason about the behavior of the system as a whole and can simplify the management of complex systems.