The differences between uncontrolled and controlled components.

Uncontrolled components : Uncontrolled components are components that manage their state internally and have no communication with the parent or other components in the system. Uncontrolled components have no props, no events, and no callback functions. They are mostly stateless and do not follow a specific pattern or architecture.

Controlled components: Controlled components, on the other hand, are components that rely on the parent component to manage their state. They are connected to the parent component through props, events, and callbacks. They follow a specific pattern or architecture such as the Model-View-Controller MVC pattern or the Flux architecture.

How to validate React props using PropTypes

PropTypes is a library built into React that allows you to validate the props being passed to a component. This can be helpful in catching potential bugs and ensuring that your component is being used correctly.

- Import the PropTypes library at the top of your file:
- Define the propTypes property on your component and specify the type and shape of the props that your component expects.
- If a prop is required, you can use the isRequired method to specify that it must be present. For example, if the title prop is required, you can define the PropTypes.string.isRequired