MODULE: 7 (React – Applying Redux)

• What is Redux?

* Redux is an open-source JavaScript library for managing and centralizing application state. It is most commonly used with libraries such as React or Angular for building user interfaces. Similar to Facebook's Flux architecture, it was created by Dan Abramov and Andrew Clark

• What is Redux Thunk used for?

* Redux Thunk middleware **allows you to write action creators that return a function instead of an action**. The thunk can be used to delay the dispatch of an action, or to dispatch only if a certain condition is met. The inner function receives the store methods dispatch and getState as parameters.

• What is Pure Component? When to use Pure Component over Component?

* PureComponent Is Primarily Used for **Performance Optimization**. As outlined in the React docs: If your React component's render() function renders the same result given the same props and state, you can use React. PureComponent for a performance boost in some cases.

• What is the second argument that can optionally be passed to setState and what is its purpose?

* The second argument that can optionally be passed to setState is **a callback function which gets called immediately after the setState is completed and the components get re-rendered**.