



# React – Applying Redux

Assignment

Submitted By : Deni Kamani

## 1.What is Redux?

Redux is an open-source JavaScript library used to manage application state. React uses Redux for building the user interface.

## 2. 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.

## 3. What is Pure Component? When to use Pure Component over Component?

It is the type of component which re-renders only when the props passed to it changes and not even if its parent component re-renders or if the shouldComponentUpdate() method is called. It is greatly used to enhance the performance of a web application.

## 4. 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.