**Frontend Assignment**

**ReactJs**

**MODULE: 9 ReactJs Intro**

**What is React Js?**

React is a JavaScript library created by Facebook

React is a User Interface (UI) library

React is a tool for building UI components

**What is NPM in React Js?**

NPM, the Node package manager is used for managing and sharing the packages for either React or Angular. NPM will be installed along with Nodejs. Node. js can be downloaded and installed from the official NodeJs website.

**What is Role of Node Js in react Js?**

NodeJS is a framework of JavaScript which is mainly used for working with the backend of our application or building the backend using JavaScript, whereas ReactJS is a JavaScript front-end library. It is mainly used for building the user interface or the frontend of our application.

**What is CLI command In React Js?**

React has its own command-line interface (CLI) commands. However, these CLI commands are currently only used to create a passable version of a react application using the command line.

**What is Components in React Js?**

Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML. Components come in two types, Class components and Function components, in this tutorial we will concentrate on Function components.

**What is Header and Content Components in React Js?**

A header is a section at the top of a page that displays site name and navigation. React is the most popular frontend library for developing component-driven user interfaces. It's used for developing single page, mobile, and server-rendered applications.

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**How to install React Js on Windows, Linux Operating System? How to Install NPM and How to check version of NPM?**

You can install React using npm package manager by using the below command. There is no need to worry about the complexity of React installation. The create-react-app npm package will take care of it. After the installation of React, you can create a new react project using create-react-app command.

**How to check version of React Js?**

To check which React version is your project using you need to open the package. json. Take a look under the dependencies section. It should list all of the dependencies of your project and one of those should be React.

**How to change in components of React Js?**

setState() setState() enqueues changes to the component state and tells React that this component and its children need to be re-rendered with the updated state. This is the primary method you use to update the user interface in response to event handlers and server responses.

**How to Create a List View in React Js?**

Dependencies. ...

Installation and Configuration. ...

Adding Syncfusion packages. ...

Adding ListView component. ...

Adding CSS Reference. ...

Bind dataSource. ...

Running the application. ...