**ReactJs Documentation**

**What is ReactJs?**

ReactJs is an open-source frontend Javascript Library.

Used to build ‘User Interfaces’ using ‘UI Components’ and to make it an ‘Single Page Applications’.

It is maintained by Meta and a community of individual developers and companies.

React can be used as a base in the development of SPA.

**MVC:** Model ‘View’ Controller

It is used for handling the ‘view’ layer for ‘Web’ and ‘Mobile’ (React Native)

How React works?

React is a Declarative (<User />), Efficient and Flexible JS Library for building UI’s.

It’s ‘V’ a view layer in MVC.

Comparing to JS, how React is differing?

Js: DOM (Document Object Model)

React: VDOM (Virtual DOM)

Comparing the Library and Framework?

Inversion of Control

Packages – Modules – Functions

Setup an Env., and Creating a new project in React:

Node –version

Npm –version

Npm install -g create-react-app

Npm create-react-app <yourappName> (or)

Npx create-react-app <yourappName> (or)

Create-react-app <yourappName>