**What are the challenges in modern web development?**

* Unified UX
* Fluid UX
* Loosely coupled and Extensible
* Simplified deployment

**What is Solution?**

* SPA [Single Page Application]

**Can we build SPA using JavaScript and jQuery?**

* Yes
* Lot of DOM manipulations
* Lot of references
* Lot of coding
* Heavy UI
* Slow in rendering
* Navigation Issues

**Recommended**

* Angular
* React
* Vue
* Knockout
* Ember
* BackBone

**What is difference between Angular and React?**

* Angular is a Framework
  + Framework can build application and can control the application flow.
  + Angular Deals with Framework like
    - **MVC (Model View Control)**
    - **MVVM (Model-View View-Model)**
    - **MVP (Model-View- Presenter)**
* React is a library
  + Library can build application but can’t control the application flow.
  + It is to deal with only **View [User Interface]**

**When to use Angular and React?**

**React**

* If you already have an application on your server side with all layers ready
  + UI
  + Business Layer
  + Database Layer
* If you want to make your server-side UI more effective client side [SPA] then better use “**React**”
* React uses Virtual DOM

**Angular**

* If you have a server-side application built with all layers
* If you want to create an application for client-side environment
* Client Application communicates with Server Application [**Distributed Application**]
* Better use “Angular”
* Angular uses DOM

**What is React?**

* JavaScript Library
* Building User Interfaces
* It deals with “**View**” in MVC like architecture

**Other JavaScript Libraries**

* jQuery
* Vue
* Redux
* RxJS etc..

**What are the Features of React?**

* Virtual DOM

**What is DOM? What is Shadow DOM? What is Virtual DOM?**