In this days and ages, users do not browse websites the way they used to. They do not just sit in front of a desktop in a room and surf the web. Roughly 77% of the American own a smartphone [1]. Mobile web browsing has officially surpassed desktop in October 2016. Out of the 2.5 million websites across the internet [2], 51.3% of traffic was from mobiles or tablets instead of desktops [3]. Naturally, websites have to somehow condense all the information to fit in that little 5inches screen. Single-page application (SPA) came into the picture. It describes an application that was built for the web. In the good old days, the back-end server would be serving the website page by page. Users would see the whole page refreshing for each link/button they click. SPA reduces the amount of full page refresh scientifically by using AJAX. This technology provides a rich interface, as the user interacts with the website, the browser will make certain server request to the server side to obtain more data to display to the users. This represent a fat client model, which outdated mobile or tablet might have a hard time rendering the web page. Developer can have the server render the whole page and serve it as it is to the client to help with the load [4].

So, why use AngularJS one might ask. As mentioned previously, AngularJS is powerful and efficient. It is one of the best open source frameworks to develop Single Page Web Application. AngularJS was originally developed by a Google employee back in 2009 and Google eventually took over the project, and made it open source. With Google and the community backing it, improvement of the framework is constantly being made, questions can be answered by experts or the community. It also does not require a developer to pickup any other language as it is purely HTML and JavaScript. As mentioned above, one of the characteristic SPA is the reduced amount of full page refresh, and AngularJS can turn a static web page to a dynamic web page [5]. AngularJS allow all the pages to be preloaded and cached on the client side, this means a user can still “browse” the site if the network is down [6]. AngularJS is powerful because of its ability to allow developers to decouple the control logic and the data of an UI. The separation enhances the testability of the web page logic, and it also permits the web developers to focus on the desired UI development solely. The framework give the developer/designer to have animation on their web page with little development code [7].

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