Responsive Single Page Web Application
Type 2
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Abstract

A single-page application (SPA) is a web application or website that provides a user experience similar to that of a desktop application. Responsive web design (RWD) is an approach to web design aimed at allowing desktop web pages to be viewed in response to the size of the screen or web browser one is viewing with. The combination of SPA and RWD pattern appears to have established itself as a significant trend for efficient web application development. Responsive SPA development typically yields an app that runs in any browser and feels more like a native application than a traditional web page. That means a consistent user experience for mobile and desktop users from a single codebase. Responsive SPA’s present a great opportunity to share backend code and to simplify the testing of common business logic. SPA’s inherent separation of UI and application logic creates an opportunity to share common application logic and testing assets through a shared RESTful API.

Overview

In this project, AngularJS and Twitter Bootstrap Frameworks are used to develop Responsive Single Page Application. Apart from this, Unit Testing and E2E Testing on Angular components using Jasmine and Karma Testing Tools and Implementation of Task Runner Tools like Grunt, Gulp, Yo and Yeoman will be done.

References


