Application is developed with following framework/libraries:

***Front-end:***

1. **Angular:** For a single-page web application

Why I chose?

* CROSS PLATFORM
* SPEED AND PERFORMANCE
* PRODUCTIVITY
* FULL DEVELOPMENT STORY
* RxJs: Invoking REST API service

1. **RxJS (Reactive Extension for Java Script):** For invoking REST API service

Why I chose?

* Observable: Asynchronous Event notification
* HTTP Client: Connecting to server via HTTP protocol

1. **Jasmine/Karma:** For Unit Test

Why I chose?

* Tests make developers more confident
* Tests are good documentation.
* Improve the design of implementations.
* Allows refactoring.
* Add new features without breaking anything.

1. **Protractor:** For Chain Test

Why I chose?

* Protractor is an end-to-end testing framework for AngularJS applications and works as a solution integrator - combining powerful tools and technologies such as NodeJS, Selenium, webDriver, Jasmine, Cucumber and Mocha.
* It has a bunch of customizations to easily create tests for AngularJS applications.
* Protractor also speeds up your testing as it avoids the need for a lot of “sleeps” and “waits” in your tests, as it optimizes sleep and wait times.
* As it is based on AngularJS concepts, that makes it easy to learn Protractor.
* Protractor allows tests to be organized based on [Jasmine](http://jasmine.github.io/), thus allowing you to write both unit and functional tests on Jasmine.
* It runs on real browsers and headless browsers.