**ASSIGNMENT**

**This document contains assignments for Jasmine, Protractor, ES6, Typescript.**

**Assignment Submission**

Upload the source code in the GitHub or Bitbucket repo and share the link in the mail to the mentor.

**Note that commit message names, code cleanliness in GitHub or Bitbucket repo factors into marking scheme. Also make sure you won’t copy the code from internet. Any sort of plagiarism found will lead to zero marks in assignment**

1. **Unit testing assignment using Jasmine/ Karma:**

Create a login page which has a username and password field. A button which authenticates the credentials and takes the user into a dashboard page. No fancy UI is needed. Write the unit test cases for this application in Jasmine. Please ensure that you write negative test cases as well to have a good hand on the aspects to be covered while unit testing.

1. **Integration testing assignment using Protractor:**

For the same application, write the integration test cases using protractor.

Opening the login page via the test case, entering creds, and clicking on the button of login. On successful authentication, take the user in a dashboard screen. Covering this flow via the test cases is referred to as the integration testing.