Detailed Description of BackBase QA Assignment:

1. I created series of manual test cases using Excel sheet for Sign-up and Add New Post functionality.
2. I selected two functionalities for my automation task:

* Sign-up: verify that user can sign up with valid credentials
* Add new post: Verify that authorized user should be able to add new post with valid inputs

1. In order to automate these functionalities, I need to have **Intellij** as IDE, and I created my framework using **Maven** project building tool, my framework is based on Cucumber BDD framework, I added some necessary plugins and dependencies into pom.xml file

* Dependencies:
* selenium-java
* webdrivermanager
* cucumber-java
* cucumber-junit
* javafaker

1. I used Java as primary programming language, Junit as testing tool, Selenium to automate the browser, Cucumber as BDD tool to develop our test scenarios from end user perspective to write our test scenarios using Gherkin language, and used Java faker library to generate some test data’s.
2. I created four different packages under BackBaseCloud application in order to manage my whole framework neatly which are pages, runner, step\_definitions, and util  
   Graphical user interface

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3. **And I created feature package to store all register.feature and newPost.feature file, in each feature file, I write test scenario using Gherkin language**

register.feature

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newPost.feature file

Graphical user interface, text, application

Description automatically generated

1. **And I created respective page classes for each single page of application and stored respective webelements in each page class, and these webelements are encapsulated, and I used corresponding methods to to those webelements.**

Graphical user interface, text, application, email

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8.Provided actual coding logic inside of respective new postPostStepDefinitions package and asserted with expected and actual result

Graphical user interface, text, application, email

Description automatically generated

9.And I created configuration.properties file in order to store my url, username, password to login to application

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10. I created Runner class to run all test scenarios, in this class, I added plugin for reporting, and specified feature files and step\_definitions path, and added tags about which specific test scenarios I can run from this runner class.

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After running 2 test scenarios, here is my final report

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