**To complete project, following site should be used:**

1. For UI: <https://www.saucedemo.com/>
2. For API: <https://jsonplaceholder.typicode.com/>

**Part 1 – Selenium:**

* Using xUnit as test runner and Selenium, create a new project called SauceDemo.Test
* Create 2 project directories – POMs and Tests and separate corresponding classes accordingly
* Write tests for Successful user login and test for failed login. For failed login execute tests with at least 3 different invalid username/password combinations.
* Once user is successfully logged in, add following 3 products to the basket: Backpack, BikeLight and TShit. Check if the right number of items has been added to the basket.
* Navigate to the basket and remove all 3 items that have been previously added. Check if basket is empty and go back to shopping after that.

**Part 2 – REST APIs:**

* Using xUnit as runner and RestSharp as library create a new project called JsonPlaceholderApi.Test
* Write statusCode tests for following endpoints:
  + GET: <https://jsonplaceholder.typicode.com/posts>
  + GET: <https://jsonplaceholder.typicode.com/comments>
  + GET: <https://jsonplaceholder.typicode.com/photos>
  + GET: <https://jsonplaceholder.typicode.com/comments?postId=1>
* For all 4 end points, check if content returned is not empty
* Deserialize json body for last endpoint (postId=1) and check number of comments returned for this postId

**Part 3 – Test cases:**

* For each test that you automate, create appropriate test case (in any test management tool such as TestRail or even in Word or Notepad)