**Instruction:** Participants implement the automation test cases and submit the script for trainer (compress source code and send via email).

**Assignment:**

Framework: NUnit + RestSharp

Language: C#

Test Application: https://demoqa.com

Scenario: Base on the API document above, verify the following endpoints:

       /Account/v1/User/(USERID) (GetUser)

       /BookStore/v1/Books (Add a book to collection)

       /Bookstore/v1/Book (Delete a book from collection)

       /BookStore/v1/Books/(isbn) (Replace a book in collection)

Requirement for each endpoint

       Each endpoint must verify status and body

       For the 1st endpoint (Get users. You need to verify the status code, userid, username and books if any) are correct.

       Include negative tests for each endpoint.

       For the last endpoint (replace a book) implement an additional step in the success test to verify the JSON SCHEMA of the response body

Requirement for framework

       Interface is clean (no redundant/duplicated entities)

       Test case should be able to prepare and clean up test data

       Scripts are well documents (ReadMe.txt)

       No hardcode

       Test case checkpoints are implemented properly