# **Test Cases Documentation - BookLeaf**

## **Test Platform: Katalon Studio V10**

## Link to the Project Scripts:[*https://github.com/RokeMSE/BookLeaf\_AutoTest*](https://github.com/RokeMSE/BookLeaf_AutoTest)

## **Test Case 1: Register Account**

**Test Case Name**: Register Account  
**Test Script**:

1. Open the browser.
2. Navigate to the registration page.
3. Submit an empty form and verify the error message.
4. Test invalid email input.
5. Test email without username.
6. Test valid email and username but no password.
7. Test password and confirm password mismatch.
8. Test already-registered email.
9. Test already-existed username.
10. Test password constraints:
    * Password without uppercase.
    * Password without special characters.
    * Password without numbers.
    * Password with fewer than 8 characters.
    * Password meeting all constraints.
11. Test successful registration.
12. Close the browser.

**Test Result**: **[Passed]**

## **Test Case 2: Upload EPUB Files (load test + stress test)**

**Test Case Name**: Upload EPUB Files (approximately 80 .epub files were prepared)  
**Test Script**:

1. Open the browser.
2. Navigate to the application URL.
3. Log in to the application.
4. Test the ability to avoid bottleneck:
   * Open the file input.
   * Choose all the files (80 files).
   * Submit.
   * It is marked as successful if the amount of files displayed on the main page after reloading increases 1 (only 1 file is uploaded).
5. Perform a stress test for file uploads:
   * Loop through files in a specified directory sequentially to make sure all the files are allowed to be archived on the db.
   * Upload each .epub file.
   * Monitor performance and successful uploads. It is marked as successful if the amount of file successfully uploaded is above 30 in less than 10 mins.
6. Close the browser.

**Test Result**: **[Passed] (stress test take 3 mins to upload 30 files and 10 mins to upload 80 files)**

## **TEST REPORT**

