Software Quality Assurance

# **Test Cases for Login Feature**

# **With Valid and invalid username and password**

1. Test logging in with a valid username and password.
2. Test logging in with an invalid username and valid password.
3. Test logging in with a valid username and invalid password.
4. Test logging in with an invalid username and invalid password.
5. Test logging in with a blank username and valid password.
6. Test logging in with a valid username and blank password.
7. Test logging in with a blank username and blank password.
8. Test logging in with a special character-only username and valid password.
9. Test logging in with a valid username and special character-only password.
10. Test logging in with a username that contains only numbers and a valid password.
11. Test logging in with a valid username and a password that contains only numbers.

## With Special characters, numbers, alphanumeric username & password

1. Test logging in with a special character-only username and special character-only password.
2. Test logging in with a username that contains only numbers and a password that contains only numbers.
3. Test logging in with a username that contains a mix of alphanumeric characters and a valid password.
4. Test logging in with a valid username and a password that contains a mix of alphanumeric characters.
5. Test logging in with a username that contains a mix of alphanumeric characters and a password that contains a mix of alphanumeric characters.

### **With uppercase and lowercase letters:**

1. Test logging in with a username that contains uppercase and lowercase letters and a valid password.
2. Test logging in with a valid username and a password that contains uppercase and lowercase letters.
3. Test logging in with a username that contains uppercase and lowercase letters and a password that contains uppercase and lowercase letters.

#### **With over 30 characters:**

1. Test logging in with a long username (over 30 characters) and a valid password.
2. Test logging in with a valid username and a long password (over 30 characters).
3. Test logging in with a long username (over 30 characters) and a long password (over 30 characters).
4. Test logging in with a username that contains spaces and a valid password.

##### **With “space” character:**

1. Test logging in with a valid username and a password that contains spaces.
2. Test logging in with a username that contains spaces and a password that contains spaces

###### **With previously registered username:**

1. Test logging in with a username that has been previously registered and a valid password.
2. Test logging in with a username that has not been previously registered and a valid password.
3. Test logging in with a username that has been previously registered and an invalid password.
4. Test logging in with a username that has not been previously registered and an invalid password.
5. Test logging in with a username that has been previously registered and a blank password.
6. Test logging in with a username that has not been previously registered and a blank password.
7. Test logging in with a username that has been previously registered and a special character-only password.
8. Test logging in with a username that has not been previously registered and a special character-only password.
9. Test logging in with a username that has been previously registered and a password that contains only numbers.
10. Test logging in with a username that has not been previously registered and a password that contains only numbers.