This documentation contains the answers to the tasks or further instructions on where to access the project. Please go ahead to each section to follow through the answers/instructions.

1. **Write BDD scenarios for the story given.**
2. **Execute your tests and run exploratory testing in the website in general, create a report with the 5 most critical bugs found.**
3. **Automate 3 of your BDD scenarios using risk-based approach. You could use any language/tool (ideally C# + Selenium).**
4. **Automate 1 API test using the tool of your preference.**

**A. Write BDD scenarios for the story given**

Feature: Page Registration

As a visitor, I want to register on the website so that I can access the platform.

Scenario: A visitor can register with valid password

Given I am on the registration page as a visitor

When I enter valid registration details

And I enter password that meets the minimum requirements

And I submit the registration form

Then a success message is displayed

Scenario: A visitor cannot register with invalid password

Given I am on the registration page as a visitor

When I enter valid registration details

But I enter password that does not meet the minimum requirements

And I submit the registration form

Then an error message is displayed stating the password requirements

Scenario: A visitor can only register once

Given I am on the registration page as a visitor

When I enter valid registration details

And I enter password that meets the minimum requirements

And I submit the registration form

Then a success message is displayed

When I attempt to register again with the same details and password

Then an error message is displayed stating that I am already registered

**B. Execute your tests and run exploratory testing in the website in general, create a report with the 5 most critical bugs found**

**BUG REPORT -** [**https://buggy.justtestit.org/**](https://buggy.justtestit.org/)

1. **Profile page -> Profile page does not redirect to another page after logging out**

**Severity:** Medium

**Steps to reproduce:**

**Precondition:** User is already a member

1. Open <https://buggy.justtestit.org/>
2. On the top navigation bar, on the username field, enter username
3. On the password field, enter password
4. Click ‘Login’ button
5. Click ‘Profile’ link
6. Click ‘Logout’ link
7. Check the page

**Expected result:** It should redirect away from the Profile Page to protect user’s privacy. As to where it will redirect will be based upon requirement.

**Actual result:** The page is still on the Profile page

**Test Environment:** Windows 11 – Chrome – Wi-Fi

1. **Registration page -> Incorrect numeric character password requirement on the registration form**

**Severity:** Medium

**Steps to reproduce:**

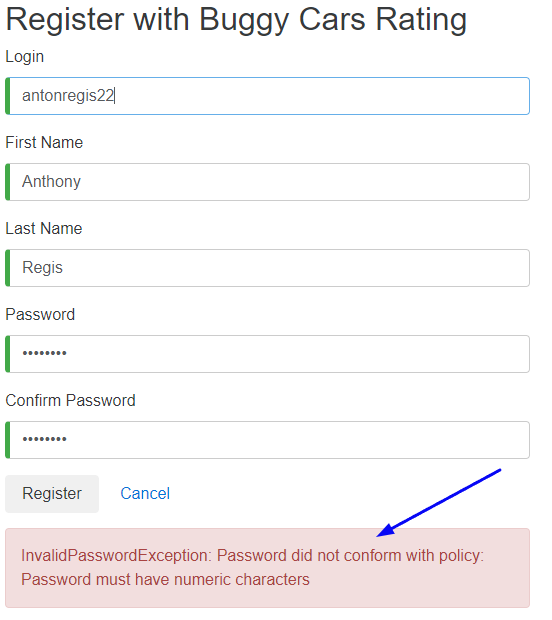
1. Open <https://buggy.justtestit.org/>
2. Click ‘Register’ button on the top right corner
3. Enter valid details on ‘Login’, ‘First Name’ and ‘Last Name’ fields
4. On the ‘Password’ and ‘Confirm Password’ fields, enter “Password”
5. Check alert box message displayed under the form

**Expected result:** The message should say “Password must have symbol characters” since minimum characters, all uppercase and lowercase requirements are met, and numeric character is not a password requirement.

**Actual result:** The message appears as “InvalidPasswordException: Password did not conform with policy: Password must have numeric characters” as seen on screenshot.

**Test Environment:** Windows 11 – Chrome – Wi-Fi

**Screenshot:**

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1. **Registration page -> Not user friendly alert message is returned when entered password is under 6 alphanumeric characters**

**Severity:** Medium

**Steps to reproduce:**

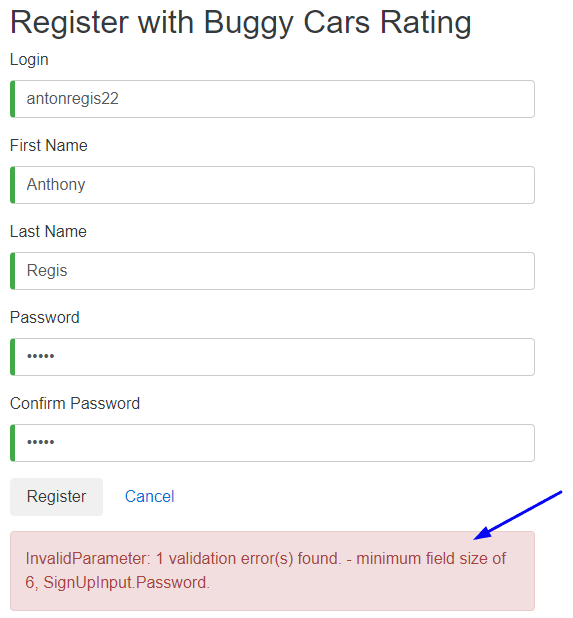
1. Open <https://buggy.justtestit.org/>
2. Click ‘Register’ button on the top right corner
3. Enter valid details on ‘Login’, ‘First Name’ and ‘Last Name’ fields
4. Enter 5 alphanumeric characters on ‘Password’ field
5. Enter the same 5 alphanumeric characters on ‘Confirm Password’ field
6. Click ‘Register’ button below the registration form
7. Check alert box message displayed under the form

**Expected result:** The message should say “Password must have 8 characters minimum”.

**Actual result:** The message shows “InvalidParameter: 1 validation error(s) found. - minimum field size of 6, SignUpInput.Password.” as seen on screenshot below.

**Test Environment:** Windows 11 – Chrome – Wi-Fi

**Screenshot:**



1. Profile page -> Gender dropdown cannot be changed after Female is selected

**Severity:** Medium

**Steps to reproduce:**

**Precondition:** User is already a member

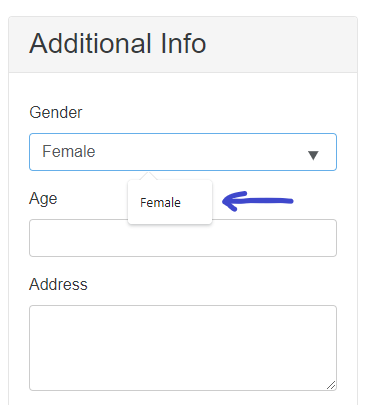
1. Open <https://buggy.justtestit.org/>
2. On the top navigation bar, on the username field, enter username
3. On the password field, enter password
4. Click ‘Login’ button
5. Click ‘Profile’ link
6. On the ‘Additional Info’ block, click ‘Gender’ dropdown
7. Select ‘Female’
8. Check ‘Gender’ dropdown again
9. Check dropdown options

**Expected result:** Both “Male” and “Female” should show as dropdown options.

**Actual result:** Only “Female” appears on the dropdown as seen on screenshot below.

**Test Environment:** Windows 11 – Chrome – Wi-Fi

**Screenshot:**

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1. Login -> Username and Password fields on the top of the page is not properly labelled

**Severity:** Medium

**Steps to reproduce:**

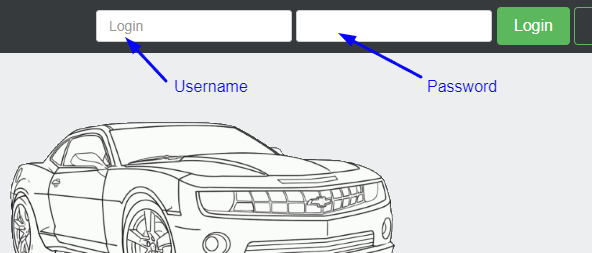
1. Open <https://buggy.justtestit.org/>
2. Check the two fields on top of the page on the left side of Login button

**Expected result:** These two fields should be properly labelled with grey font color within the field. The field on the left should be labelled as “Username”, and “Password” on the field on the right side as seen on Screenshot 2.

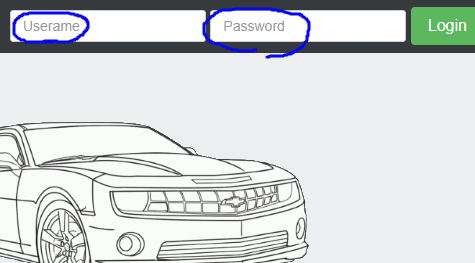
**Actual result:** Field on the left is labelled as “Login” and the field next to it has no label as seen on Screenshot 1.

**Test Environment:** Windows 11 – Chrome – Wi-Fi

**Screenshot 1:**

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**Screenshot 2:**

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1. **Automate 3 of your BDD scenarios using risk-based approach. You could use any language/tool (ideally C# + Selenium).**

This project can be accessed from <https://github.com/antonregis/buggycarspageregistration/Specflow>

1. **Automate 1 API test using the tool of your preference.**

This project can be accessed from <https://github.com/antonregis/buggycarspageregistration/Postman>