

# PROJECT

## Automate Test Cases for a Given Website

Given the following web page: <https://www.demoblaze.com/>

It is proposed to automate the following test cases for the given web page.

The test cases should be automated using Javascript as main technology and WebdriverIO as automation framework.

### 1) Validate the Login flow works as expected.

Preconditions:

An existing testing user should be registered into the system.

Steps:

- When I access to the Demo Blaze home page
- Then I should see a Log In button in the navigation bar
- And I should see a Sign Up button in the navigation bar
- When I click over the Log In button in the navigation bar
- Then I should see a Log In pop up
- When I complete the user name field with an existing user name
- And I complete the password field with the expected valid password
- And I click over the Log In button in the Log In popup
- Then I should not longer see any popup on the screen
- And I should not longer see the Sign Up button in the navigation bar
- And I should see a "Welcome <username>" button in the navigation bar

### 2) Validate the Login flow fails as expected if password field is blank.

Steps:

- When I access to the Demo Blaze home page
- Then I should see a Log In button in the navigation bar
- And I should see a Sign Up button in the navigation bar

When I click over the Log In button in the navigation bar  
Then I should see a Log In pop up  
When I complete the user name field with an existing user name  
And I click over the Log In button in the Log In popup  
Then I should see a navigator popup with the following message: "Please fill out Username and Password."

## Approval Conditions

### ACHIEVED

- Both test cases are correctly automated.
- The following Javascript course should be completed:  
<https://testautomationu.applitools.com/javascript-tutorial/>
- The following WebDriverIO course should be completed:  
<https://testautomationu.applitools.com/webdriverio-tutorial/>

### EXCEEDED:

- The Glober must define 2 or 3 additional test cases. Some should be positive and some should be negative.
- The new test cases should be correctly automated.

### WIDELY:

- Study what an "explicit wait" and an "implicit wait" are. It will be evaluated that they are correctly used in the automation code.
- In these automation scenarios, the following types of selectors should be used, at least one each:
  - ID and/or CLASS
  - CSS Selector
  - XPATHS