

# REGISTRATION FORM TEST PLAN

## Introduction

This test plan is for testing a simple car registration form that consists of:

- A registration plate field
- A year dropdown
- A submit button
- Success/Fail messages

## 1. Testing Approach

### 1.1 Tools- Framework

- Selenium
- TestNG
- Java

## 2. Test Cases

### TC1 Valid Submission

Test Steps:

1. Enter "ABC5555" in registration field
2. Select "2016" from dropdown
3. Click submit button

Expected: Success message shows "Success! Selected ABC5555 with year 2016"

### TC2 Valid Submission after failed one

Test Steps:

1. Enter "ABc5555" in registration field
2. Select "2016" from dropdown
3. Click submit button
4. Expected: Success message shows "There was an error!"

5. Enter "XXX1234" in registration field
6. Select "2016" from dropdown
7. Click submit button
8. Expected: Success message shows "Success! Selected XXX1234 with year 2016"

#### TC3 Invalid Submission revert Numeric with alpha numeric

##### Test Steps:

1. Enter "5555XXX" in registration field
2. Select "2016" from dropdown
3. Click submit button
4. Expected: Success message shows "There was an error!"

#### TC4 Invalid Submission with low cap

##### Test Steps:

1. Enter "ABc5555" in registration field
2. Select "2016" from dropdown
3. Click submit button
4. Expected: Success message shows "There was an error!"

#### TC5 Invalid Submission with invalid letters length

##### Test Steps:

5. Enter "ABCC5555" in registration field
  6. Select "2016" from dropdown
  7. Click submit button
- Expected: Success message shows "There was an error!"

#### TC6 Invalid Submission with invalid numeric length

##### Test Steps:

8. Enter "ABC55555" in registration field
  9. Select "2016" from dropdown
  10. Click submit button
- Expected: Success message shows "There was an error!"

TC7 Invalid Submission with hyphen (non alphanumeric)

Test Steps:

11. Enter "AB-5555" in registration field
12. Select "2016" from dropdown
13. Click submit button

Expected: Success message shows "There was an error!"

TC8 Invalid Submission with empty plate

Test Steps:

14. Enter "" in registration field
15. Select "2016" from dropdown
16. Click submit button

Expected: Success message shows "There was an error!"

TC9 Invalid Submission with both fields empty

Test Steps:

17. Enter "" in registration field
18. Select "" from dropdown
19. Click submit button

Expected: Success message shows "There was an error!"

TC10 Invalid Submission with empty year dropdown

Test Steps:

20. Enter "ABC5555" in registration field
21. Select "" from dropdown
22. Click submit button

Expected: Success message shows "There was an error!"