

Behavior Driven Development

I used this strategy because my system has expectable behavior, and at some point, we need developer or BA collaboration:

Testing Scenarios:

Following are the testing scenarios included in my script

- Search for a Book
- Create an entry for a new book
- Clear the creation books text fields
- Navigate to the Author page

A. Search for a Book scenario:

Scenario Steps:

1. Open the browser
2. Fill the search field with the needed book
3. Click on Search
4. Check the results

Expected result: book retrieved, or no book found

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Feature: Search on Book
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Scenario: Search on Book
```

```
Given Open Browser
```

```
When fill the SearchField field with the secret
```

```
When Click on Search
```

```
Then Check if is opened successfully
```

B. Navigate to the Author page scenario:

Scenario Steps:

1. Open the browser
2. Go to the Authors

Expected results: Authors Page opened successfully

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Feature: GoToAuthorsPage

Scenario: Go to the authors page

Given Open Browser
When Click on Authers
Then Check if is opened successfully
```

C. The third one (Clear):

Scenario Steps:

- 1- Open the browser
- 2- Go to Book
- 3- Click on Create book
- 4- Fill the fields Title and Year
- 5- Click on clear

Expected Results : Field created successfully

```
Feature: Clear the text field

Scenario: Clear the creation book text fields
Given Open Browser
When Click on Books
When Click on Create Book
Then fill the BookTitleField field with the
Then fill the BookYearField field with 2010
When Click on Clear
```

D. The last one: Create Book

Scenario Steps:

- 1- Open the browser
- 2- Go to Book
- 3- Click on Create book
- 4- Fill the fields with 3 title char
- 5- Fill the year field
- 6- Check validation Msg
- 7- Fill the fields with 8 or more char
- 8- Save

Expected result: Book saved successfully

Feature: Create Book

Scenario: Create Book

Given Open Browser

When Click on Books

When Click on Create Book

Then fill the BookTitleField field with the

Then fill the BookYearField field with 2010

When Click on Save

Then Verify validation msg

When Click on Clear

Then fill the BookTitleField field with Secret

When Click on Save

Then Check saved Successfully

Use Cases

Check the following use case design for the mentioned scenarios:

- Search for a Book
- Create an entry for a new book
- Clear the creation books text fields
- Navigate to the Author page

1- Search for a Book

The user goes to the website and goes to the search field and but his needed book and search.

2- Create a book

User Go to the website, User go to the create book, User fill the fields with 3 char title, Save, Regarding the validation msg User fill title with 8 or more char

3-Clear

User Go to the website, User goes to the create book, User fills the fields, User clears the content

4- Go to the Authors page

Users go to the website and go to the author link

Use case diagram

