

Assignment 3 – Test Case

Test case : <View a list of books>

Well there is not so much test to make about clicking on books.

Test case : <View a book>

Same as previously, I don't think there is so much test to make (except the API test).

Test case : <Delete a book>

Test case ID	ID01	ID02
Test scenario	The person who handle the web library (PWL) receive a call or email saying that he/she should delete a book.	The person who handle the web library (PWL) receive a call or email saying that he/she should delete all the book.
Test Case Description	We gonna test if book has been deleted.	We gonna test if book has been deleted.
Test Steps	1. Get the list of book by clicking on books 2. Click on a book. 3. Click on delete	1. Get the list of book by clicking on books 2. Click on a book. 3. Click on delete
Prerequisite	Book existed so we can clicked on it.	There is only one book existed so we can clicked on it
Test Data	Id = "1"	Id = "1"
Expected Result	Book deleted	Book deleted and display empty list
Actual Result	Book deleted	Book deleted but provide an error when reading the XML file
Pass/Fail	Pass	Fail
Comments	This test will be implemented.	Here is a typical test that I should handle, The problem here is that when I'm reading the XML file and trying to get the length, it's say undefined, again here it show the power that test case have, I will never think about that possiblities if I didn't make the test.

Test case : <Add a book>

Test case ID	ID01	ID02	ID03	ID04
Test scenario	The person who handle the web library (PWL) receive a call or email saying that he/she should add a new book. The author give him all information needed about his book.	The person who handle the web library (PWL) receive a call or email saying that he/she should add a new book. The author give him all information needed about his book, except some information like the description and genre	The person who handle the web library (PWL) receive a call or email saying that he/she should add a new book. But PWL made a mistake and missclick by adding a book without any information	The PWL trying to add a book where the list of book is empty.
Test Case Description	We gonna test if the book is added with all the correct information	We gonna test if the book is added with all the correct information even if informations are incomplete	We gonna test if the book is added with no information filled	We gonna try to add a book even if the list of book is empty
Test Steps	1. Get the list of book by clicking on books 2. Click on New Book. 3. Fill the information given by the author 4. Click on save	1. Get the list of book by clicking on books 2. Click on New Book. 3. Fill the information given by the author 4. Click on save	1. Get the list of book by clicking on books 2. Click on New Book. 3. Click on save	1. Get the list of book by clicking on books 2. Click on New Book. 3. Fill the information given by the author 4. Click on save
Prerequisite	None (actually it should be a prerequisite saying that if the book already existed, not the same id but the same information it shouldn't be added).	None (actually it should be a prerequisite saying that if the book already existed, not the same id but the same information it shouldn't be added).	None (actually it should be a prerequisite saying that if the book already existed, not the same id but the same information it shouldn't be added).	List of book empty, no book in the xml file.
Test Data	Title = "How I became a genius" Author = "Einstein"	Title = "How I became a genius" Author = "Einstein"	Title = "" Author = "" Genre = ""	Title = "How I became a genius" Author = "Einstein"

	Genre = "Science" Price = "0" Publish_Date : "1947-10-12" Description = "How Einstein became a genius, the greatest genius of the 20 th century."	Genre = "" Price = "0" Publish_Date : "1947- 10-12" Description = ""	Price = "" Publish_Date : "" Description = ""	Genre = "Science" Price = "0" Publish_Date : "1947-10-12" Description = "How Einstein became a genius, the greatest genius of the 20 th century."
Expected Result	Book added with the data furnished by the author/user	Book added with the data furnished by the author/user.	Book added with no data but unable to see it or click on this book when we see the list of book	Book added with the data furnished by the author/user.
Actual Result	Book added with the correct data	Book added with the correct data.	Book added with no data.	Error when trying to get the length of the list.
Pass/Fail	Pass	Pass	Pass (should fail in reality)	Fail (Should pass in reality)
Comments	This test will be implemented.	This test will be implemented.	Here again is a case that I didn't handle when creating the function. Here I suppose that the PWL is smart enough to not missclick on save directly without add any information. I should handle this test anyway and I will do it in the next assignment. This test will be implemented and will be changed in the future so this case shouldn't pass	Here is the special reason what test plan/ test use case is extremely important, I implemented the addBookResource before making this test case two weeks ago, and now I realised that I never test the case where the list is empty and I realise now it's the same for the deleteBook, if I delete all the book, I have a problem with the last one because when he read the xml file in getBooksResource, the length is undefined, same as for adding a book in an empty list. This is clearly why it's always good to have test before

				implementation. Honesty I won't implemented this case but of course it should be implemented and same for the delete. Therefore I'll do it for the assignment 4.
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Test case : <Modify a book>

Test case ID	ID01	ID02	ID03
Test scenario	The person who handle the web library (PWL) receive a call or email saying that he/she should change all the information of a book.	The PWL made a mistake and remove the title of the book when he edited the book.	The PWL is very sick and remove all information.
Test Case Description	We gonna test if the information has changed after save the book.	We gonna test if the information has changed after save the book and if we can still see the book even if there is an information missing.	We gonna remove all the information and save it
Test Steps	<ol style="list-style-type: none"> 1. Get the list of book by clicking on books 2. Click on a book. 3. Change all the information and fill different from the previous book 4. Click on save 5. Click on back 	<ol style="list-style-type: none"> 1. Get the list of book by clicking on books 2. Click on a book. 3. Change all the information and fill different from the previous book except for the title where he/she let it without information 4. Click on save 5. Click on back 	<ol style="list-style-type: none"> 1. Get the list of book by clicking on books 2. Click on a book. 3. remove all information 4. Click on save 5. Click on back
Prerequisite	Book existed so we can clicked on it.	Book existed so we can clicked on it	Book existed so we can clicked on it
Test Data	Id = "1"	Id = "2"	Id = "3"

	Title = "How I became a genius" Author = "Einstein" Genre = "Science" Price = "0" Publish_Date : "1947-10-12" Description = "How Einstein became a genius, the greatest genius of the 20 th century."	Title = "" Author = "Einstein" Genre = "Science" Price = "0" Publish_Date : "1947-10-12" Description = "How Einstein became a genius, the greatest genius of the 20 th century."	Title = "" Author = "" Genre = "" Price = "" Publish_Date : "" Description = ""
Expected Result	Book modified with the data furnished by the user	Book modified and still be able to see the book in the list of book, but we only see the author name.	Book modified, but cannot see anything to change it again on the list of books.
Actual Result	Book modified with the correct data	Book modified but not able to see the title of the book in the list of books.	Book modified, but cannot see anything to change it again on the list of books.
Pass/Fail	Pass	Pass	Pass (Should fail in the future)
Comments	This test will be implemented.	Maybe it could be interesting to signal that if the title is empty, say something like No title found or something instead of nothing. I will not implemented this special case YET, I'm thinking to make it before the final project in assignment 4. This test will be implemented.	Here is a typical test that I should handle, again here I'm thinking about make it later, it should fail but this test will pass, but should fail. Here I'm suppose that the PWL aren't that stupid to remove all information of a book e. This test will be implemented.