

# NYPL Conclusion Report

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## 1 Testing Strategy

### 1.1 Overall strategy

10 test cases are defined and test cases are tested in both <http://catalog.nypl.org/> and <http://browse.nypl.org>

### 1.2 Test Selection

A black-box technique is employed for the system tests

## 2 Test Cases

#	Test Name	Expected Value	Actual Result In <a href="http://catalog.nypl.org/">http://catalog.nypl.org/</a>	Actual Result In <a href="http://browse.nypl.org">http://browse.nypl.org</a>
1	Search same keyword in two websites	return same amount of results	return same amount of results	return same amount of results
2	Search keywords in two websites	return expect results	return expect results	return expect results
3	Test if both websites can handle invalid keyword	Both can handle	invalid keyword return 'no result found'	invalid keyword return 'no result found'
4	Test ISBN/ISSN search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword can return the expect result	invalid keyword are handled
5	Test Call Number search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled
6	Test Author search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled, certain Author is not found
7	Test Title search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled
8	Test Subject search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled, amount of result are not same as the amount in <a href="http://catalog.nypl.org/">http://catalog.nypl.org/</a>
9	Test Genre search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled, amount of result are not same as the amount in <a href="http://catalog.nypl.org/">http://catalog.nypl.org/</a>
10	Test Journal Title search with valid and invalid keywords	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled	Valid keyword and invalid keyword are handled, amount of result are not same as the amount in <a href="http://catalog.nypl.org/">http://catalog.nypl.org/</a>

## 3 Obversation

Seems the algorithm of searching books or journals are different in the two websites. Some authors can be found in the new site but not in the old site.

In the new site, there's no option for searching by ISN or Call Number although user can enter the those in the search box directly.

The results of searching certain keywords are not returning the same amount of results.

In my opinion, the old site did better on filtering the results based on different categories. The new site always return more results than I need. The style of the new site looks much better then the old one, especially for showing the result items.

## 4 Testing Result

```
superlist_current — -bash
[Wendys-MacBook-Pro:superlist_current Wendy$ python3 functional_te
Testcase10: test Journal Title search with valid and invalid keyw
```

test Journal Title : IEEE, catalog.nypl.org result:  
Journal/Periodical Titles (1-50 of 290)

Results Count in http://browse.nypl.org/iii/encore/?lang=eng:  
Results  
1 - 25 of 2780

=====Finish the test10!=====

.Results Count in http://catalog.nypl.org/search: 897

Results Count in http://browse.nypl.org/iii/encore/?lang=eng:  
Results  
1 - 25 of 897

=====Finish the test1!=====

.Testcase2: test if both websites can return correct result

=====Finish the test2!=====

.Testcase3: test if both websites can handle invalid keyword

=====Finish the test3!=====

.Testcase4: test ISBN/ISSN search with valid and invalid keywords  
test ISN: 978-3-16-148410-0, catalog.nypl.org result:  
tez & Alicia Garcés.  
test ISN: 978-3-16-148410-0, browse.nypl.org result:  
Culturas ecuatorianas : ayer y hoy

=====Finish the test4!=====

.Testcase6: test Call Number search with valid and invalid keyword  
test Call Number: 33433082849914, catalog.nypl.org result:  
s et politiques fichés et pris en chasse par la police de Vichy /  
test Call Number: 33433082849914, browse.nypl.org result:  
La nuit des évasions : 150 Juifs, Résistance  
police de Vichy

=====Finish the test5!=====

.Testcase6: test Author search with valid and invalid keywords  
test Author: Agatha Christie, catalog.nypl.org result:  
Authors (1-3 of 3)

Results Count in http://browse.nypl.org/iii/encore/?lang=eng:  
Results  
1 - 25 of 936

Result count with Author: Agatha Christie are not the same!

=====Finish the test6!=====

.Testcase7: test Title search with valid and invalid keywords  
test Title: world of warcraft, catalog.nypl.org result:  
&nhsn:

super,

Results Count in <http://browse.nypl.org/iii/encore/?lang=eng>:

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=====Finish the test5!=====

.Testcase6: test Author search with valid and invalid keywords

test Author: Agatha Christie, [catalog.nypl.org](http://catalog.nypl.org) result:  
Authors (1-3 of 3)

Results Count in <http://browse.nypl.org/iii/encore/?lang=eng>:

Results

1 - 25 of 936

Result count with Author: Agatha Christie are not the same!

=====Finish the test6!=====

.Testcase7: test Title search with valid and invalid keywords

test Title: world of warcraft, [catalog.nypl.org](http://catalog.nypl.org) result  
&nbsp;

Results Count in <http://browse.nypl.org/iii/encore/?lang=eng>:

Results

1 - 25 of 56

=====Finish the test7!=====

.Testcase8: test Subject search with valid and invalid keywords

test Subject : world of warcraft, [catalog.nypl.org](http://catalog.nypl.org) res  
Subjects (1-6 of 6)

Results Count in <http://browse.nypl.org/iii/encore/?lang=eng>:

Results

1 - 25 of 56

=====Finish the test8!=====

.Testcase9: test Genre search with valid and invalid keywords

=====Finish the test9!=====

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Ran 10 tests in 93.905s

OK

Wendys-MacBook-Pro:superlist\_current Wendy\$ █