

Australian Newspapers Digitisation Program

Search and Delivery System: Functionality and Features Table

Version 3.0 Last Updated: 17 November 2008 by Rose Holley



#	Functionality/Feature	In Prototype: Yes or No	In Beta: Yes or No
1.	Searching newspapers		
1.1	Basic 'google' style search	Y	Y
1.2	Search the full text of newspaper articles with a 'fuzzy search'	Y	Y
1.3	Search across multiple newspapers simultaneously.	Y	Y
1.4	Search Help - Search Tips button going to help page.	Y	Y
1.5	Search Help – hover text over areas on page and some text on pages.	Y	Y
1.6	Return to last search (from other pages).	Y	Y
1.7	Case insensitive	Y	Y
1.8	Boolean AND, OR, NOT searching	Y	Y
1.9	Phrase searching	Y	Y
1.10	Truncation	Y	Y
1.11	Wild card searching	Y	Y
1.12	Word proximity searching	Y	Y
1.13	Search by date in keyword box	Y	Y
1.14	Search by Newspaper title in keyword box	Y	Y
1.15	Limit/refine your search by date of publication.	Y	Y
1.16	Limit/refine your search by article category (eg family notices, advertising).	Y	Y
1.17	Limit/refine your search by article length.	Y	Y

1.18	Limit/refine your search to illustrated articles.	Y	Y
1.19	Limit/refine your search to selected newspaper title/s	Y	Y
1.20	Search for illustrations only	N (but can refine search for illustrated articles)	N (but can refine search for illustrated articles, or advanced search restrict)
1.21	Search for all papers published on a particular day and month without specifying a year (e.g. Birthday papers)	N	N
1.22	Separate 'Advanced Search' option	N	Y
1.23	Searching using geospatial techniques in a visual way (co-ordinates, by map/state).	N	N
1.24	Searching using a timeline in a visual way.	N	N
1.25	Searching across comments	N	N
1.26	Search for words only in cleaned fields (Title, Subtitle, Author, Abstract)	Y – with correct search syntax	Y – through Advanced Search
1.27	Search across front or back pages only	Y – for specific page # with correct search syntax	Y – for specific page # with correct search syntax
1.28	Limit/refine search by titles published in a state/geographic area	N	Y
1.29	Search on decades/date ranges	Y	Y
1.30	Active help from authority files for Personal & Place names	N	N
1.31	Search across tags	N	N
1.32	Search on eras – e.g. Victorian, Great Depression	N	N
2.	Browsing newspapers		
2.1	Browse by date: Choose a year then a month to see what issues are available for all newspapers. Select an issue to view contents by page.	Y	Y

2.2	Browse by newspaper title: Choose a title, then a year and month to see which issues are available for that newspaper. Select an issue to view contents by page.	Y	Y
2.3	Browse from issue to issue continuously (i.e. at end of issue go to next issue).	Y	Y
2.4	Browse back and forward through an issue continuously, whatever route is taken to get to it.	Y	Y
2.5	View the article contents of an issue including a small image (not thumbnail) of each page with a list of articles on that page.	Y	Y
2.6	Follow links to a specific page or article.	Y	Y
2.7	Follow links to previous and next issues.	Y	Y
2.8	Browse back and forward through multiple newspaper titles on a single date continuously	N	N
2.9	From a particular article, browse to page, issue or newspaper title level	Y	Y
2.10	From a particular article, browse to the next page in the issue	N	Y
3.	Results List		
3.1	The search results show the most relevant articles first.	Y	Y
3.2	The search results clearly display the citation (Newspaper title, date and page)	Y	Y
3.3	An article in the result list can be clicked on to view in detail.	Y	Y
3.4	Clusters/filters (enable refining of search e.g. by categories, date, newspaper title)	Y	Y
3.5	Clusters/filters included are dates, newspaper titles, categories, illustrated, length of article. Other clusters/filters could be regional papers, state papers, broadsheets, tabloids, dailies, weeklies, Sunday papers – not yet included (add when more data)	N	N
3.6	Next/previous page of results	Y	Y
3.7	Highlighting of search term in context	Y	Y
3.8	Number of results displays	Y	Y
3.9	All results can be viewed – no cut off point	Y	Y
3.10	Sorting Results by date (earliest and latest option)	N	Y
3.11	Did you mean?	N	Y
3.12	Related items to your search ...	N	N

3.13	Search within results	N	Y (by filters)
3.14	Mark items and re-display	N	N
3.15	Change number of results displayed	N	N
3.16	Jump to first page of results	Y	Y
3.17	Useful no results message	Y	Y
3.18	Display thumbnail images of pages	N	N
3.19	Display image of headline	N	N
3.20	Jump to Last page of results	N	Y
3.21	Refine Search using automatically populated advanced search page	N	Y
3.22	'Did you mean' function does not remove previously selected title clusters unless conflict	N	Y
4.	Article Level View		
4.1	View the image of the article in the page-image viewer and the OCR-generated text (optical character recognition) at the same time.	Y	Y
4.2	Change the width of the viewer relative to the screen and the OCR text (framesplitter).	Y	Y
4.3	View, save or print a JPEG or PDF version of the article image at your currently selected zoom level with citation.	Y	Y
4.4	Follow links to view details of the whole page or issue or newspaper.	Y	Y
4.5	Page Image Viewer: Zoom in and out to make the print appear larger or smaller.	Y	Y
4.6	Page Image Viewer: Navigate to the next / previous parts of the article if it is split across pages.	Y	Y
4.7	Page Image Viewer: Move the image to view different parts of the page.	Y	Y
4.8	Page Image Viewer: View the location of the article within the page layout.	Y	Y
4.9	Match OCR text to location on page image. When you choose a 'sync image with text' icon within the OCR text, the image moves so that the part of the image containing that text is placed at the top left side of the viewer.	Y	Y
4.10	Search terms are highlighted in image/OCR?	Y	Y
4.11	Navigate back/forward to previous/next page	N	Y

4.12	Navigate back/forward to previous/next issue	N	Y
4.13	Turn off OCR text if you want to view image only	N	Y
4.14	E-mail article	N	N
4.15	Persistently cite this article	Y	Y
4.16	Save article button / save to 'bookbag'	N	N
4.17	View related articles	N	N
4.18	Blog about article	N	N
4.19	Back to search results	N	Y
4.20	Repeat last search (via 'Search Results link')	Y	Y
4.21	Cite this article in different citation formats	N	N
4.22	Ability to synchronise the image with the OCR .	Y	Y
5.	Page Level View		
5.1	View the page image and a list of articles on the page.	Y	Y
5.2	Zoom in and out and move to different parts of the image.	Y	Y
5.3	View, save and print a PDF version of the page (sized to print on an A3 page without adjustment). With citation	Y	Y
5.4	Follow links to a specific article.	Y	Y
5.5	Move to next or previous page	Y	Y
5.6	Cite this page in different citation formats	N	N
5.7	Jump to first/last page in issue	N	Y
5.9	E-mail this page	N	N
5.10	Rotate page (for tables only, all pages will be appearing correct way up already).	N	N – Functionality is available through PDF
5.11	Mouse over page highlights articles	N	Y
5.12	Persistently cite this page	Y	Y

5.13	Navigate back/forward to previous/next issue	N	Y
6.	Issue Level View <i>This was available in prototype but is not available in Beta. It is desirable to have issue level view when further development takes place.</i>		No issue level view in Beta
6.1	View a list of articles by page.	Y	Not available
6.2	Persistently cite this issue	Y	Not available
6.3	Follow links to a specific article.	Y	Not available
6.4	Follow links to a specific page	Y	Not available
6.5	Cite this issue in different citation formats	N	Not available
6.6	Navigate back/forward to previous/next issue	Y	Not available
6.7	Jump to specified page in issue	N	Not available
6.8	E-mail this issue	N	Not available
6.9	View thumbnails for entire issue (without contents)	N	Not available
6.10	View, save and Print a PDF version of the issue (sized to print on an A3 page without adjustment), with citation	N	Not available
6.11	Search within this Issue	N	Not available
7.	User Interaction (at article level)		
7.1	Add tags (keywords) to articles and follow links to other articles with the same tags.	Y	Y
7.2	Add tags (keywords) to Pages and Issues, and follow links to other pages/issues/articles with the same tags	N	N
7.3	View your own and others tags in tag cloud.	Y	Y
7.3a	Edit your own tags	?	Y
7.3b	Edit other peoples tags	N	N
7.3c	Delete your tags	?	Y
7.3d	Edit or delete your comments	N	N
7.4	Submit corrections to the OCR-generated text	Y	Y

7.4a	Correct re-keyed fields if incorrect (title, subtitles, author, abstract)	N	N
7.5	Add missing lines in OCR text	N	N
7.6	Add public comments to parts of the article and view other's comments.	Y	Y
7.7	Roll back and reporting OCR changes (e.g. we and user see number of their corrections)	N	N
7.8	Add private comments to an article.	N	Y
7.9	Personalisation of interface (requires authentication).	N	N
7.10	Saving searches	N	N
7.11	Search History	N	N
7.12	RSS/alerting feeds for new content	N	N
7.13	Users creating and publicly sharing trails/topic features/timelines	N	N
7.14	Linked Blog	N	N
7.15	User creates substantial/significant/long new information e.g. "What happened next" to follow on from news articles	N	N
7.16	Genealogists able to add in family trees/research lines somehow	N	N
7.17	Allow 'mashing' of data (re-purposing)	N	N
7.18	Tag where events happened on map (linked to geospatial visual searching)	N	N
7.19	Edit category of article if it is wrong	N	N
7.20	Manage your tags	Y	Y
7.21	Manage your comments	N	N
7.22	Browse all comments	N	N
7.23	Add tags/comments to a specific place in the article (for long articles)	N	N
7.24	View top text correctors	N	Y
7.25	Hide OCR text	N	Y
7.26	Framesplitter – change size of text/image	Y	Y
7.27	Make suggestions when people try to add tags for synonyms e.g. WWI use first world war etc	N	N

8.	Newspaper Title Page View		
8.1	View bibliographic information from the National Library's catalogue about a newspaper title.	Y	Y
8.2	Link to holdings information for microfilm, hard copy, electronic.	Y	Y
8.3	Follow links to more detailed information e.g. the history of a newspaper title in Wikipedia.	Y	Y
8.4	On a timeline see at a glance which years are available to search.	Y	Y (On about page)
8.5	Choose a year, then a month to see which issues are available to search or select an issue to view its contents.	Y	Y
8.6	Persistently cite this newspaper title	Y	Y
8.7	Search within this title	Y	Y
8.8	Follow links to previous, subsequent and related titles for this newspaper title (e.g. Brisbane Courier to Courier Mail)	N	N
9.	User Interface		
9.1	Intuitive and easy to use	?	Y
9.2	Clear design and layout	?	Y
9.3	Consistency of look and feel when moving between pages	?	Y
9.4	Obvious what service you are in.	?	Y
9.5	Able to navigate quickly between screens	?	Y
9.6	Able to start a new search whatever screen you are at.	Y	Y
9.7	About, Help and FAQ pages	Y	Y
9.8	Hover over text to assist users understanding of features	Y	Y
9.9	Featured articles e.g. 'On this day'- home page	Y	Y
9.10	Highlight recent tags/comments added – home page	Y	Y
9.11	Highlight recent text corrections – home page	N	N
9.12	Hidden links/options for NLA NDP staff (link to Content Management System)	Y	Y
9.13	Credits to microfilm suppliers/owners against titles	Y	Y

9.14	Display note that we are aware of bad pages next to page image e.g. fragmented ones	N	N
9.15	Feedback contact NDP/ANPLAN for found missing pages, and generate lists on demand for known missing pages.	N	N
9.16	Display date microfilm was created	N	N
9.17	Font type and size fixed	N	N
9.18	General disclaimer that we are aware of poor quality pages (on about page)	Y	Y
9.19	External links open in a new window	N	Y
9.20	Print/view in different format options (e.g. pdf) open in a new window	N	Y
9.21	Visual representation of all data in the system (on home/about page)	Y	Y
9.22	System does not require additional software to operate	Y	Y
9.23	Acknowledge sponsorship of digitisation	N	N
10.	Reliability, Speed and Accessibility		
10.1	System is always accessible and does not crash.	?	Y
10.2	System runs quickly.	?	Y
10.3	Article pdf's are generated on the fly at an acceptable speed.	?	Y
10.4	System supports multiple users simultaneously without affecting speed (load testing).	?	Y
10.5	System designed to be usable on mobile devices	N	N
10.6	System accessible to vision impaired	Y	Y
10.7	Interface functions across latest versions of multiple browsers (see table at bottom)	?	?
11.	Authentication		
11.1	Authentication to the prototype for prototype testers and NLA staff (for contractual reasons)	Y	N/A
11.1 a	Optional authentication to Beta for OCR correction, tagging and comments	N/A	Y
11.2	Authentication to the Content Management System so that links are only visible to NDP staff	Y	Y
11.3	Authentication that enables personalisation, creating trails etc	N	N

11.4	Authentication for moderation and management (users and Library)	N	N
11.5	Option for users to sign up for discussion/announcements list when registering	N	Y
11.6	Users able to manually log out of system (automatic logout when browser closed)	N	Y
12.	Article/Page PDF functionality		
12.1	If you save a PDF version of a page (or article) and you have a recent version of Adobe Reader, which you can download for free from http://www.adobe.com/ you will be able to: <ul style="list-style-type: none"> • Search for text in the page. • Print the whole page and shrink or enlarge it to fit on any size paper. • Select and print a part of the page and shrink or enlarge it to fit on any size paper. • Select and enlarge any part of the page for easier reading on the screen. There are various tools in the Tools menu for this so you can select a method you prefer. 	Y	Y
13.	Integration of Other Content (out of scope for prototype and Beta)		
13.1	Searching across other free digital collections and resources e.g. Libraries Australia, Newspapers, Google	N	N (NBD Labs and PA show below results set)
13.2	Integrating hard copy and online newspaper indexes e.g. Argus Online	N	N
13.3	Integrating other full text resources e.g. books and journals	N	N
13.4	Integrating/searching across subscription only newspaper resources e.g. SMH, ProQuest Historical Newspapers	N	N
13.5	Use of LCSH, DDC or topics/subjects tags in broader sense.	N	N
13.6	Search across Library Labs: National Bibliographic Database and Picture Australia	Y	Y
14.	High quality Image Ordering		
14.1	Order high quality tiff image of pages and issues	N	N

	Win 98	Win 2000	Win XP	Win Vista	Mac 10.3.x	Mac 10.4
IE 7.0			A-grade	A-grade		

IE 6.0	A-grade	A-grade	A-grade			
Firefox 2.	A-grade	A-grade	A-grade	A-grade	A-grade	A-grade
Firefox 1.5.	A-grade	A-grade	A-grade		A-grade	A-grade
Opera 9.	A-grade	A-grade	A-grade		A-grade	A-grade
Safari 2.0						A-grade