# Reading Desk Specification

## Function Requirement

1. Show data in table similar like Excel
2. Able to show 20 books
3. Able to scroll if not fit into the configured size
4. Able to click on the row to launch detail page of book in new tab
5. Less available copy books comes to the top

## UI Requirement

1. <div></div> as a container must be used.
2. <table></table> must be used as display data
3. Min-width of table will be 400px;
4. BootStrap table used
5. Header of table is a info row
6. Table-hover used
7. Available copy must in red
8. Refresh table every 30 seconds
9. Header clickable to launce order by different column
10. Default order is available copies
11. Cover need to be shown in a small size (100\*150) or (150\*150)
12. Hover on cover will load cover bigger (200\*300) or (300\*300) near curse in a popup or popover
13. Each row is 150px most height. Trim or hide is text is not able to fit.
14. No recommendation will show if no result return.
15. Dynamic size is configurable for container
16. Multiple containers is possible on one page.
17. Needs to look clean and professional.

## Data Sample

### Service URL

http://vcld.fsdcmel.librarysolutions.com.au/VCLD\_FS\_TEST/SmartLibrary/Services/Search/SMLIB\_SERVICE\_SEARCH.asmx/GetRecommendList

### Request

Type: Post

Data: JSON

{

count：20

}

### Response

Type: text/json

Date: JSON

{

count: 2,

items: [

{

bookid: "1.01",

title: "Cats",

author: "CROSER, NIGEL",

media: "Book",

location: "Fiction",

sub-location: "Animal",

isbn: "1863742417",

availablecopy: "2",

cover: "http://vcld.fsdcmel.librarysolutions.com.au/ISBNCovers/1863742417.jpg",

detail: "SmartLibraryPageLoader.aspx?PageName=TITLE\_DETAIL&BookID=7567.01",

},

{

bookid: "2.01",

title: "Space cat",

author: "Kenny, Heath",

media: "Book",

location: "Non-Fiction",

sub-location: "Space",

isbn: "1869442873",

availablecopy: "1",

cover: "http://vcld.fsdcmel.librarysolutions.com.au/ISBNCovers/1869442873.jpg",

detail: "SmartLibraryPageLoader.aspx?PageName=TITLE\_DETAIL&BookID=67582.01",

}

]

}

## Project Output

1. Code up JQUERY plug-in in pre-defined jquery file. (SMLIBFWW\_RECOMMENDLIST\_JQUERY\_MAIN.js)
2. Multiple Jquery files are acceptable, but all of them needs to sit inside JQUERY folder
3. Multiple files need to bind and minify to min file.
4. CSS file needs to be in CSS folder
5. CSS file needs to to bind and minify to min file.
6. Loader File needs to be in LOADER folder
7. Loader file able to load js min file and css min file.
8. WidgetTest.html is the test file.
9. WidgetTest.html is able to load relative framework and files.
10. WidgetTest.html It should be run independently
11. Plug-in will called as

$("#main").smlib\_recommendlist(

{

position: "relative",

width: 1000,

height: 800,

top: 20,

left: 20,

additional\_css: "",

bgfile: "",

webroot: "",

widgetroot: "SMLIB\_Web\_JS/SMLIBFWW\_WIDGET/SMLIB\_FW\_WIDGET\_RECOMMENDLIST/",

getrecommendlistservice: 'http://vcld.fsdcmel.librarysolutions.com.au/VCLD\_FS\_TEST/SmartLibrary/Services/Search/SMLIB\_SERVICE\_SEARCH.asmx/GetRecommendList'

}

);