



Report Studio
Functional Design
Specification

Spot On Systems inc
Charting Dashboard

Cognos Version	8.4
Cognos Studio	Report Studio
Reference	SAMPLE_Report_001
Version	1
Date	09-Feb-2010
Author	Darren Nelson

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BUSINESS REQUIREMENTS

The Business Requirements sections define the background and functionality for an individual request for a report and should be completed by the requester.

REQUEST INFORMATION

The following information is used for contact purposes during all phases of report development and any business question once the report is in production.

Report Title A meaningful and unique report title that can be used to identify the report	Charting Dashboard
Requestor Department	Finance
Requestor Name	Mike Boryski
Requestor Contact	Mike.Boryski@SpotOnSystems.com
Request ID	SAMPLE_Report_001
Report Version	1
Related Request ID If known, please identify related requests by their ID	None
Requested Delivery Provide a target completion date for completion of report development	2010-03-09

REPORT BACKGROUND

Please complete information that should be considered during the design process and also when reviewing requests for change (RFC's)

Report Title meaningful and unique report title that can be used to identify the report	Charting Dashboard
Report Description Report definition and purpose to provide a meaningful description of the report	Finance dashboard for month end reporting
Report Location Identifies the location of the report within Cognos Connection	Finance Management Report
Business Owners List Business Owners of the report that should approve development and RFC's	Chris Ovens
Target Users identify user groups and numbers of users that will access the report	Finance Management Team
Acceptable Performance Identify minimum performance requirements such as execution response times	Under 30 seconds
Justification Provide reasons for performance requirements	Dashboard need to be quick
Security Requirements Detail any security that should be applied to the report	Finance Team

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Delivery Method Online, Email, Subscription	self-service on-line
Default Format HTML/PDF/Excel/Portal	
Language	en
Currency	GBP
Notes Use this section to detail any additional/useful information that should be taken into consideration when developing or changing the above report that is not listed above	For more information on this report please contact Darren Nelson at Spot On Systems inc

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FUNCTIONAL DESIGN SUMMARY

The functional design summary shows the packages, pages and queries used throughout the report. You can navigate to the detail within each section by clicking on the hyperlink provided.

PACKAGE


This section is a summary of the report content. Every Cognos report is linked to a package, this report is linked to the 'GO Sales and Retailers' package.

Package Name	GO Sales and Retailers
Package Search Path	/content/package[@name='GO Sales and Retailers']/model[@name='model']

PAGES

REPORT PAGES

The report page is a container for the report layout objects that you used to build the report. A page is made up of page header (optional), page body (mandatory) or page footer (optional). The following section defines all the objects that have been developed on the report page. For example List, crosstab, chart, map, repeater etc.

Page Name
 Report Body

QUERIES

The report contains the following queries: (Use the hyperlinks to jump to the query definitions)

Query Name	Source Type
 Query1	
 Query2	

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FUNCTIONAL DESIGN DETAIL

The functional design detail section of the reports provides content for the page prompts, page sets, report pages, singletons, lists, charts, html, joins, queries, filters and variables. The section has hyperlinks to the relevant section.

REPORT PAGES

The report page is a container for the report layout objects that you used to build the report. A page is made up of page header (optional), page body (mandatory) or page footer (optional). The following section defines all the objects that have been developed on the report page. For example List, crosstab, chart, map, repeater etc.

REPORT BODY

REPORT BODY OVERVIEW

REPORT BODY PROPERTIES

Page Query	
Master Detail Relationship	
Style Variable	
Render Variable	


REPORT BODY VALUE PROMPTS

The prompt value sections details all the prompts and parameters defined on the report page. The prompts have been included to the report to add interactivity for users. Prompts act as questions that help users to customise the information in a report to suit their own needs.



CROSTAB ELEMENTS

Crosstab reports summarises data in a table format, it is a layout object used to render the results of a query that aggregates data, and then arranges it in a two-dimensional grid. Crosstab reports also allow you to aggregate both rows and columns

CROSTAB1

Crosstab Name	Crosstab1
Crosstab Query	 Query2
Crosstab Corner	 Expected volume





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Default Measure	 Expected volume
Crosstab Columns	 Year
Crosstab Rows	 Product line





CHARTING ELEMENTS

Charts are a graphical representation of tabular data, Charts are similar to crosstabs in the way their data is organized. The display is different, but charts show the intersection of data the same ways as crosstabs



COMBINATION CHART1

Type	WITH 3-D VISUAL EFFECT
Query	 Query1
Series	 Expected Volume
Categories (y-axis)	 Product Line
Default Measure (y-axis)	 Expected Volume



COMBINATION CHART2

Type	
Query	 Query1
Series	 Year
Categories (y-axis)	 Product Line
Default Measure (y-axis)	 Expected Volume

COMBINATION CHART3

Type	STACKED BAR
Query	 Query1
Series	 Year

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Categories (x-axis)	 Product Line
Default Measure (x-axis)	 Expected Volume

PIE CHART1

Type	PIE
Query	 Query1
Pie Slices	 Product Line
Pies	 Year
Default Measure (y-axis)	 Expected Volume

REPORT QUERIES

Queries determine what data items appear in the report. Sometimes you want detailed rows of data, which you obtain by using a simple SELECT statement. Other times you must calculate totals or averages using summary functions and grouped columns or must apply filters to show only the data you want.

QUERY1

Data Item	Aggregate	Rollup Aggregate	Sort	Expression
Product Line	None	None	Don't Sort	[gosales_goretailers].[Products].[Product line]
Year	None	None	Don't Sort	[gosales_goretailers].[Product for ecasts].[Year]
Expected Volume	Total	Summarize	Don't Sort	[gosales_goretailers].[Product for ecasts].[Expected volume]


QUERY2

Data Item	Aggregate	Rollup Aggregate	Sort	Expression
Expected volume	Total	Automatic	Don't Sort	[gosales_goretailers].[Product for ecasts].[Expected volume]
Year	None	Automatic	Don't Sort	[gosales_goretailers].[Product for ecasts].[Year]
Product line	None	Automatic	Don't Sort	[gosales_goretailers].[Products].[Product line]

REPORT VARIABLES

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A report variable allows the report to contain prompt filters, conditional formatting or conditional rendering to your report.

Variable Name	 Variable1
Values	fr de ja
Type	locale
Report Expression	ReportLocale()