bambooBSC 0.7

Manual de Usuario bambooBSC

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Código del proyecto: https://github.com/Multisistemas/bsc

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Introducción

bambooBSC es una plataforma de código abierto para gestión de Balanced Scorecard (BSC), provee análisis del desempeño a nivel de usuario, departamento y toda la organización.

Funciones clave:

Sourcecard:

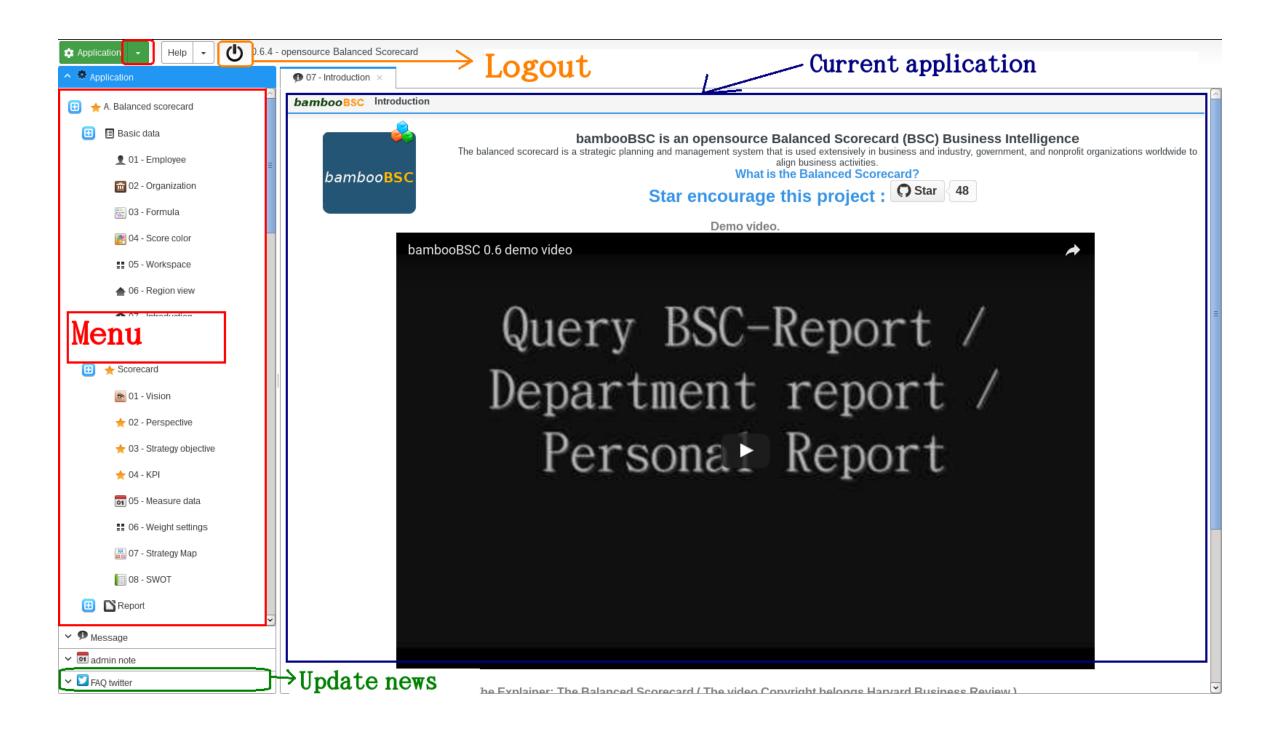
Tarjeta de origen: Establecer y mantener la información de las tarjetas de origen y mantenimiento de los datos de medición de los KPI y el Mapa Estratégico.

Reportes:

Los reportes incluyen: Reportes de KPI, Reportes de Tarjetas por departamento/organización, reportes de tarjetas personales, reportes FODA y PHVA.

Operaciones básicas

Ver figura-A.



Pasos para establecer el Scoredard

¿Cómo establecer los datos del Scorecard?, Videos de referencia: https://www.youtube.com/watch?v=N5BsWZL8bxQ

1. Establecer una Visión

Completar objetivos propuestos y visión.

2. Establecer Perspectivas

Establecer las cuatro perspectivas BSC, información de referencia acerca de las perspectivas BSC: http://en.wikipedia.org/wiki/Balanced_scorecard Las perspectivas deben ser definidas y aceptas por los responsables de cumplirlas en cada área de la organización, de lo contrario se consideran inválidas.

3. Establecer Objetivos Estratégicos

Cada conjunto de objetivos debe estar asociado con una perspectiva.

El objetivo principal de los objetivos estratégicos es definir una dirección narrativa.

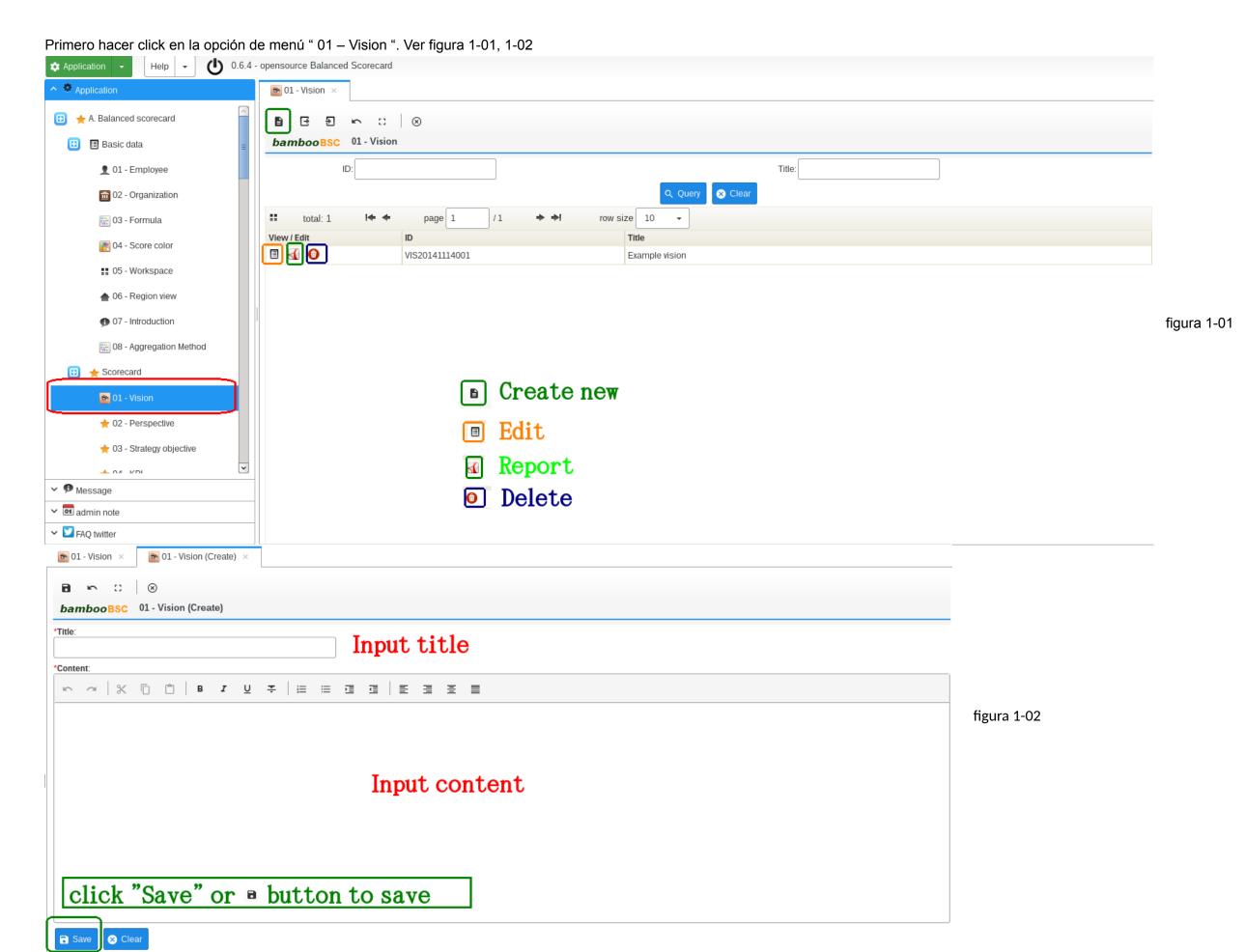
4. Establecer KPI (Key Performance Indicators)

El establecimiento de indicadores clave desempeño (KPI), son actividades más concretas y detalladas que contribuyen a lograr los objetivos estratégicos.

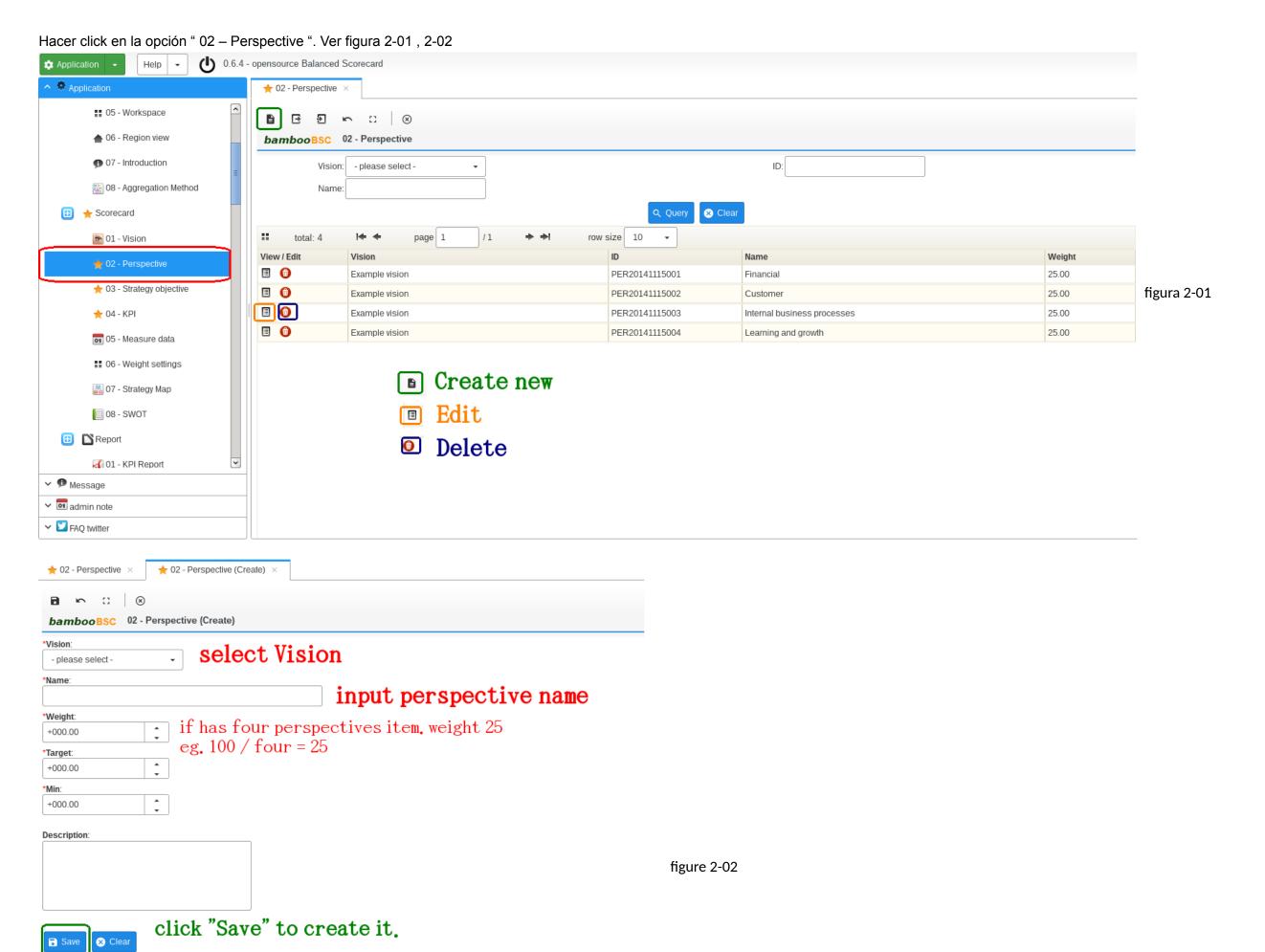
5. Mantener actualizados los datos de medición.

Cada elemento de un KPI necesita mantener sus datos actualizados, si esta información no es actualizada, no se podrá calcular el desempeño de los KPI.

1. Visión

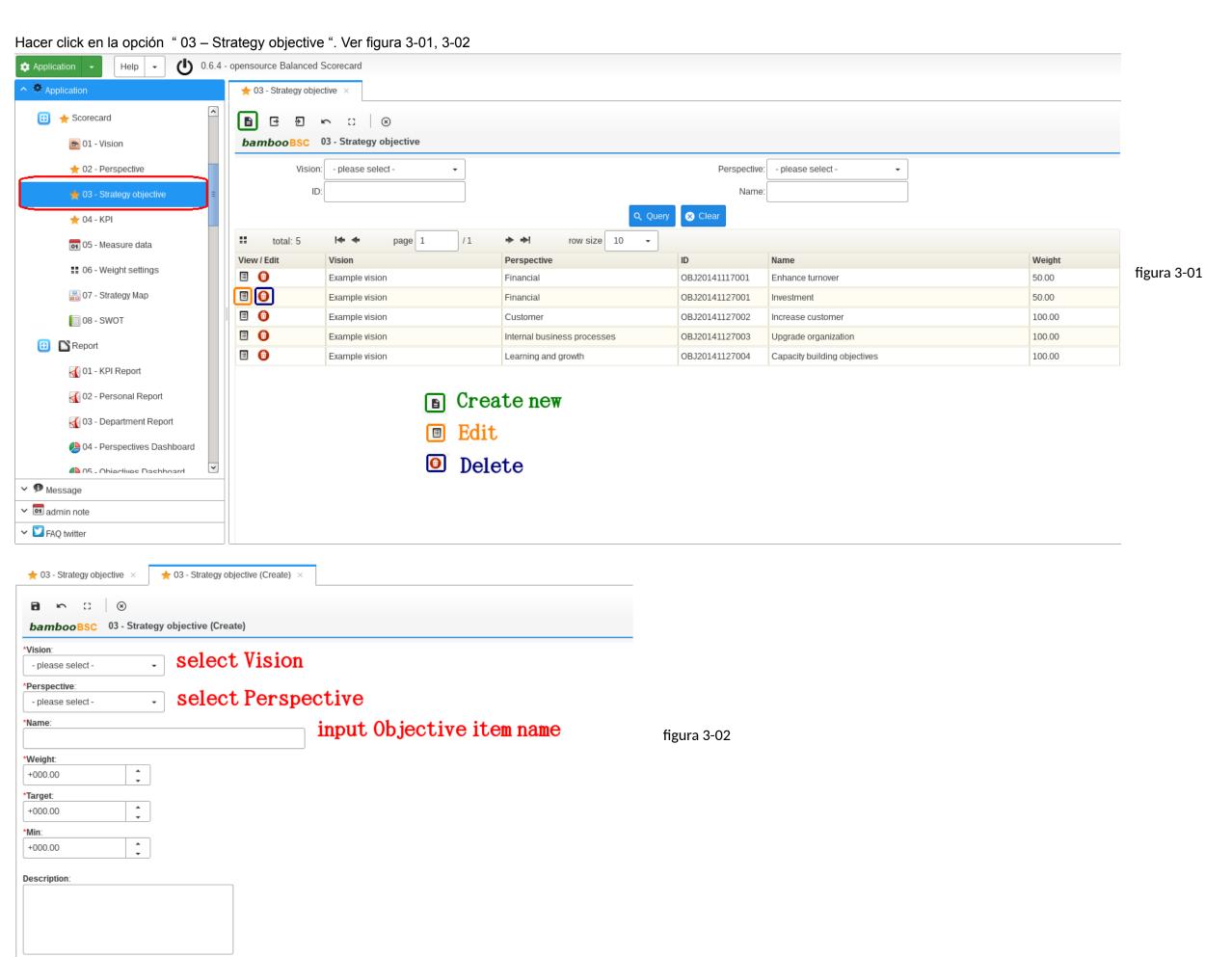


2. Perspectivas



3. Objetivos estratégicos

click "Save" to create.



4. KPI (Indicadores Clave de Desempeño)

Hacer click en " 04 – KPI ". Ver figura 4-01, 4-02

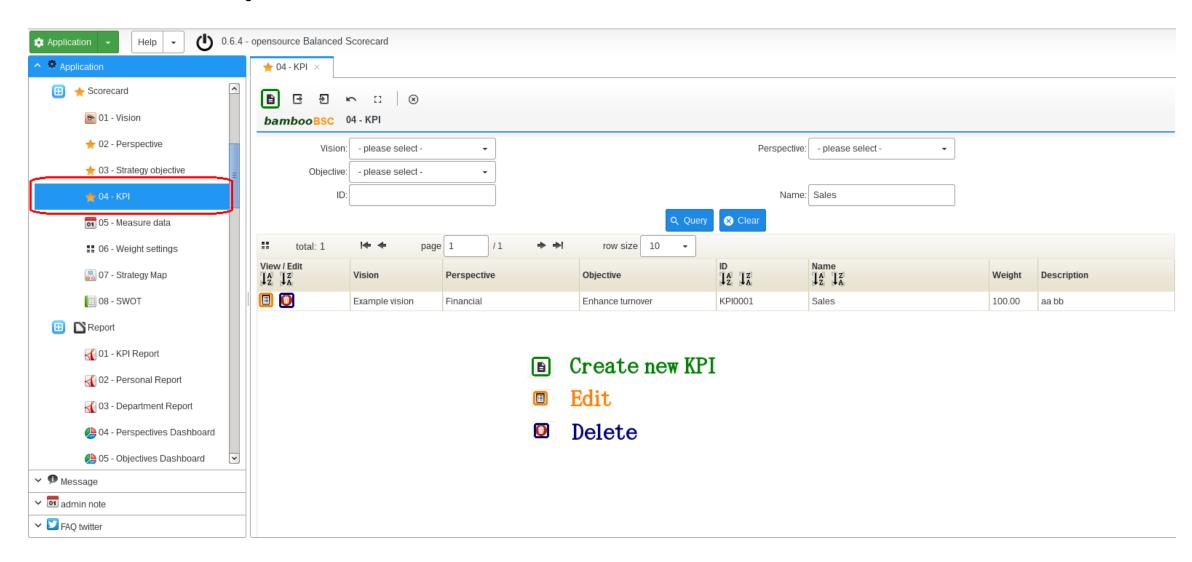


figura 4-01

★ 04 - KPI ×	
bambooBSC 04 - KPI (Create)	
*Vision:	*ID:
- please select - ▼	
*Perspective:	*Name:
- please select - ▼	
*Objective:	*Formula:
- please select - ▼	- please select - •
*Weight:	*Management method:
+000.00	- please select - for quasi is better: 0%
*Maximum:	*Calculation (aggregation method):
+000.00	- please select - ▼
*Target:	*Minimum:
+000.00	4000 00
•	*Unit:
*Compare type: - please select -	
	*Trends formula:
*Belong type: - please select -	- please select -
process server	pictude delication .
Department:	
Employee:	
Organization measure-data separate:	
Personal measure-data separate:	
Activate options:	
Description:	
Documents I attachment:	
Save Save	

figura 4-02

Visión: Seleccionar visión del KPI.

Perspectiva: Seleccionar perspectiva del KPI

Objetivo: Seleccionar objetivo del KPI

Id: identificador del KPI.Name: Nombre del KPI

Formula: Fórmula del KPI, Afectará al cálculo de las puntuaciones, Para crear o editar fórmulas ir a "Basic data / 03 – Formula"

Fórmula de tendencias: Solo es necesaria para calcular las puntuaciones el reporte 07 - KPI Period Trends report.

Peso: Debe ser mayor que CERO. Si se establece a CERO no tiene sentido. **Máximo**: Valor máximo, Debe ser un valor mayor al ingresado en el campo meta.

Meta: Valor meta.Mínimo: Valor mínimo.

Tipo de comparación: Con meta (las puntuaciones KPI se comparan con el valor meta), con mínimo (las puntuaciones KPI se comparan con el valor mínimo)

Unidad: Unidad del KPI (por ejemplo: %, USD, TWD, millon, pieza, etc.)

Método de gestión: Mayor(puntuación mayor es mejor) / Menor (Puntuación menor es mejor) / Casi(puntuación casi es mejor)

Cálculo (método de agregación): Promedio, Total, Max, Min, se define en 08 – Método de agregación (Afectará el cálculo de las puntuaciones)

Ejemplos de KPI que tienen DOS datos de medición y su Cálculo es Promedio

A. 2014 dato de medición es 50

B. 2015 dato de medición es 80

rango 2014 ~ 2015

Puntuación promedio = (50 + 80) / 2 = 65

Pertenencia (Belong tipo): Se recomienda seleccionar "Both"

click clear select value

click clear select value

Calcular puntuaciones de organización por separados (Organización métricas datos separados): Se recomienda chequeado / habilitado.

Calcular puntuaciones personales por separado (personales métricas datos separados): Se recomienda chequeado / habilitado.

Activar opciones: Se recomienda chequeado / habilitado, Se se deshabilita, el KPI no aparecerá en los reportes.

Descripción: Descripción del KPI

Documentos / adjuntos: Se pueden subir archivos adjuntos.

Selección de departamento

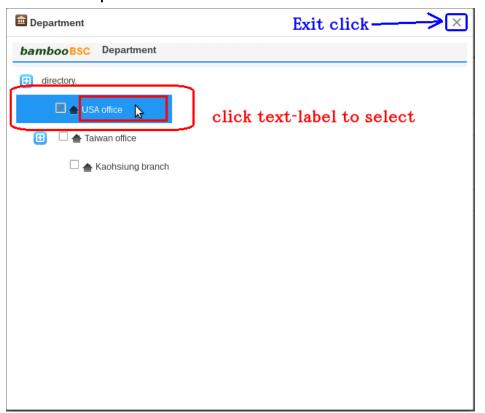


Figura 4-03

Selección de empleado

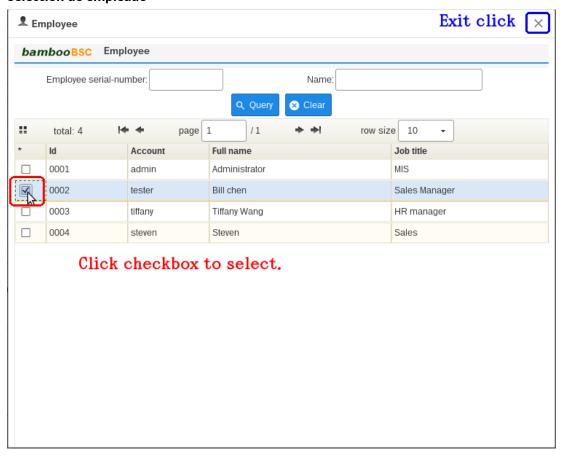


figure 4-04

5. Datos de medición

Estos datos necesitan actualizaciones frecuentes y mantenimiento, Si no se ingresan datos para poder calcular los KPI, los KPI mostrados en los reportes no tendrán sentido. Hacer click " 05 – Datos de medida" . Ver figura 5-01

- 1. Seleccionar un elemento KPI
- 2. Seleccionar las opciones y hacer click en Consulta
- 3. Ingresar los datos de medición, hacer click en **Guardar** para actualizar.

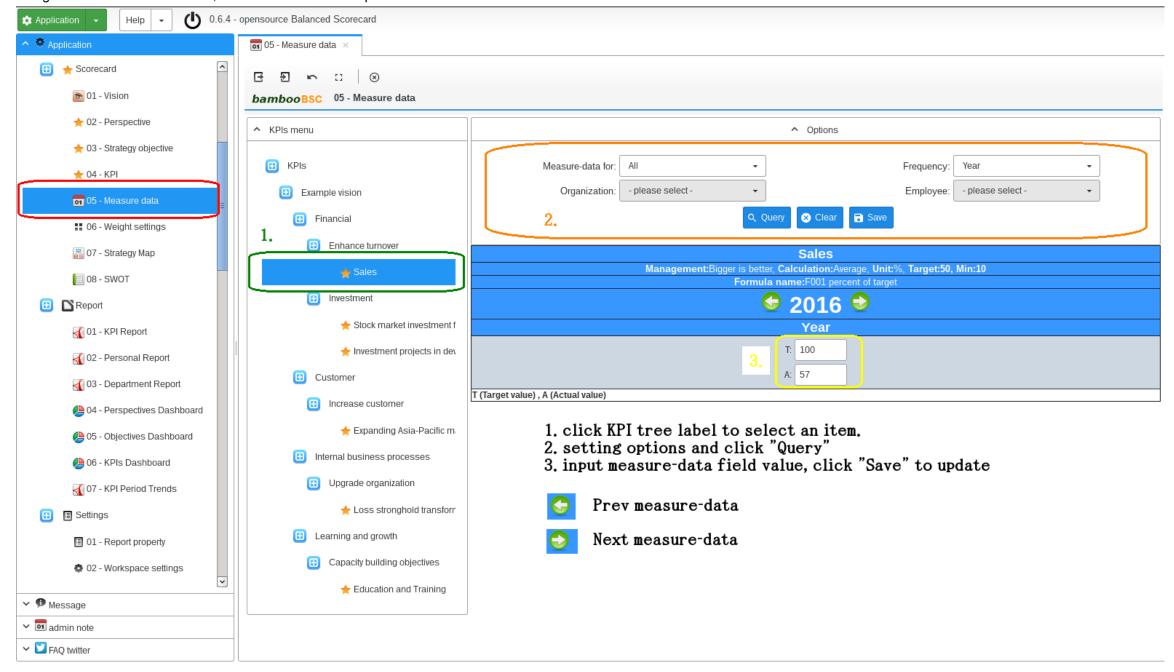


figura 5-01

6. KPI Report

Query organization/Department or Employee 's performance score . first click Report " 01 – KPI Report " look figure 6-01

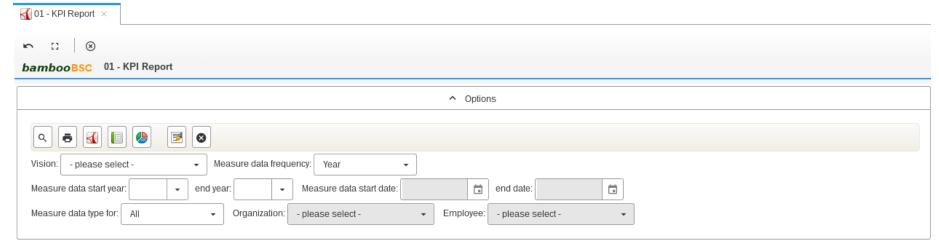


figure 6-01

ICON	Description
Q	Query report content
6	Export query report as PNG image, (used IE browser the function failure)
	Export query report as PDF file, (used IE browser the function failure)
	Export query report as Excel file, (used IE browser the function failure)
Vision: - please select - ▼	Select an Vision
Measure data frequency: Year	Select frequency
start year:	If Frequency is "Year", "Half of year", "Quarter", must input start year and end year
start date:	If Frequency is "Month", "Week", "Day", must input start day and end day end date:
Measure data for: All	All: Measure data type is non-departmental and non-employee class
	Organization: Measure data type only for an organization/Department
	Employee: Measure data type only for an employee
organization: - please select -	If measure data for organization type. Need select the option
employee: - please select -	If measure data for employee type. Need select the option

7. Personal Report

Query employee's BSC report. first click Report " 02 – Personal Report " look figure 7-01

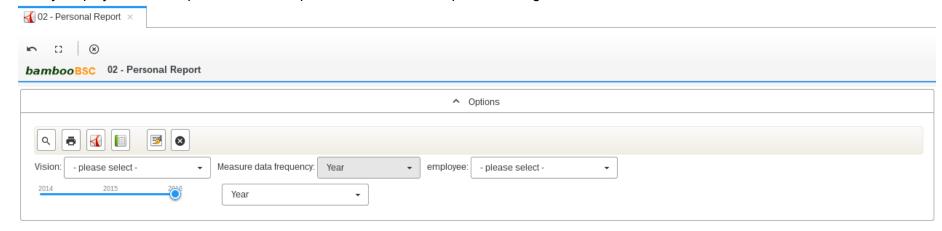


figure 7-01

ICON	Description
Q	Query report content
•	Export query report as PNG image, (used IE browser the function failure)
	Export query report as PDF file, (used IE browser the function failure)
	Export query report as Excel file, (used IE browser the function failure)
Vision: - please select - ▼	Select an Vision
Measure data frequency: Half of year	No need select, system auto settings.
employee: - please select -	Select an employee
2014 2015 2016	Select report year.
In the first half	In the first half: measure-data frequency basic of first half
	In the second half: measure-data frequency basic of second half
	Year: measure-data frequency basic of Year

8. Department Report

Query organization/Department BSC report. first click Report "03 – Department Report "look figure 8-01

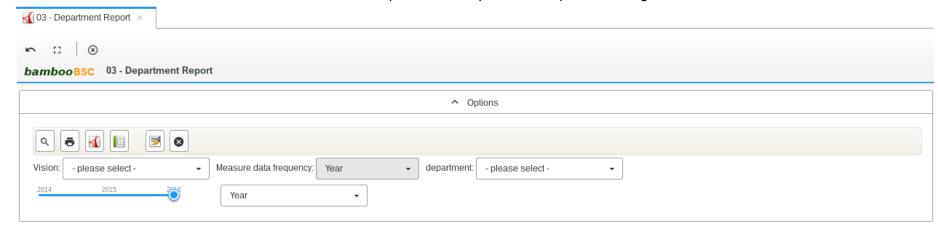


figure 08-001

ICON	Description		
a	Query report content		
•	Export query report as PNG image, (used IE browser the function failure)		
	Export query report as PDF file, (used IE browser the function failure)		
	Export query report as Excel file, (used IE browser the function failure)		
Vision: - please select -	Select an Vision		
Measure data frequency: Half of year	No need select, system auto settings.		
department: - please select -	Select an organization/Department		
2014 2015 2016	Select report year.		
In the first half	In the first half: measure-data frequency basic of first half		
In the second half: measure-data frequency basic of second half			
	Year: measure-data frequency basic of Year		

9. Strategy Map

Query or edit the strategy map. First click "07 – Strategy Map "look figure 9-01

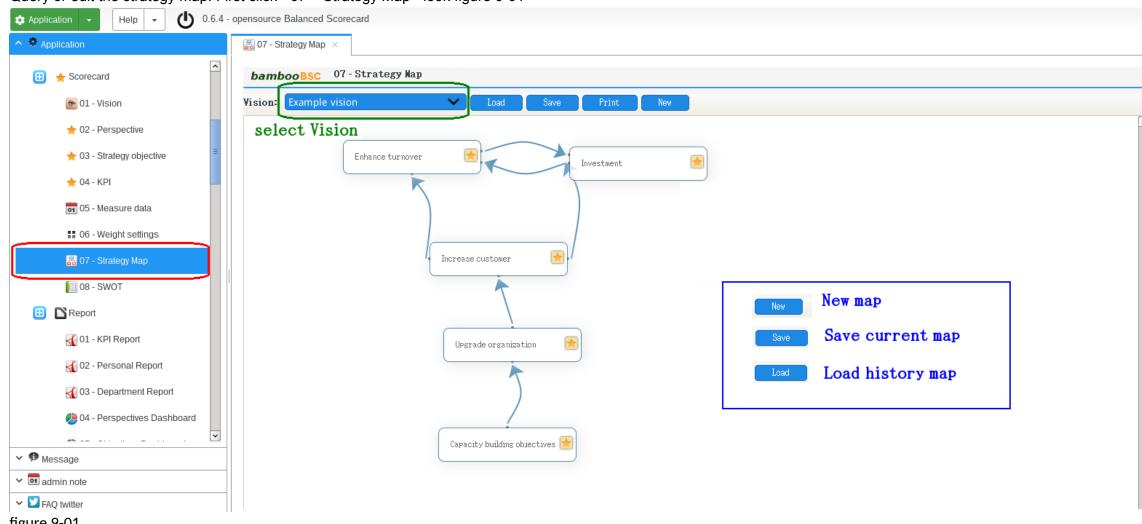
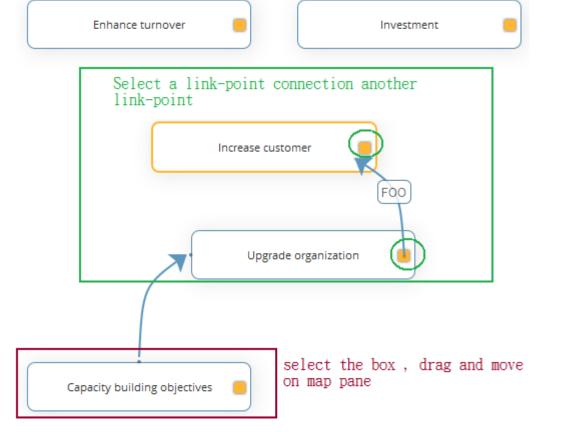
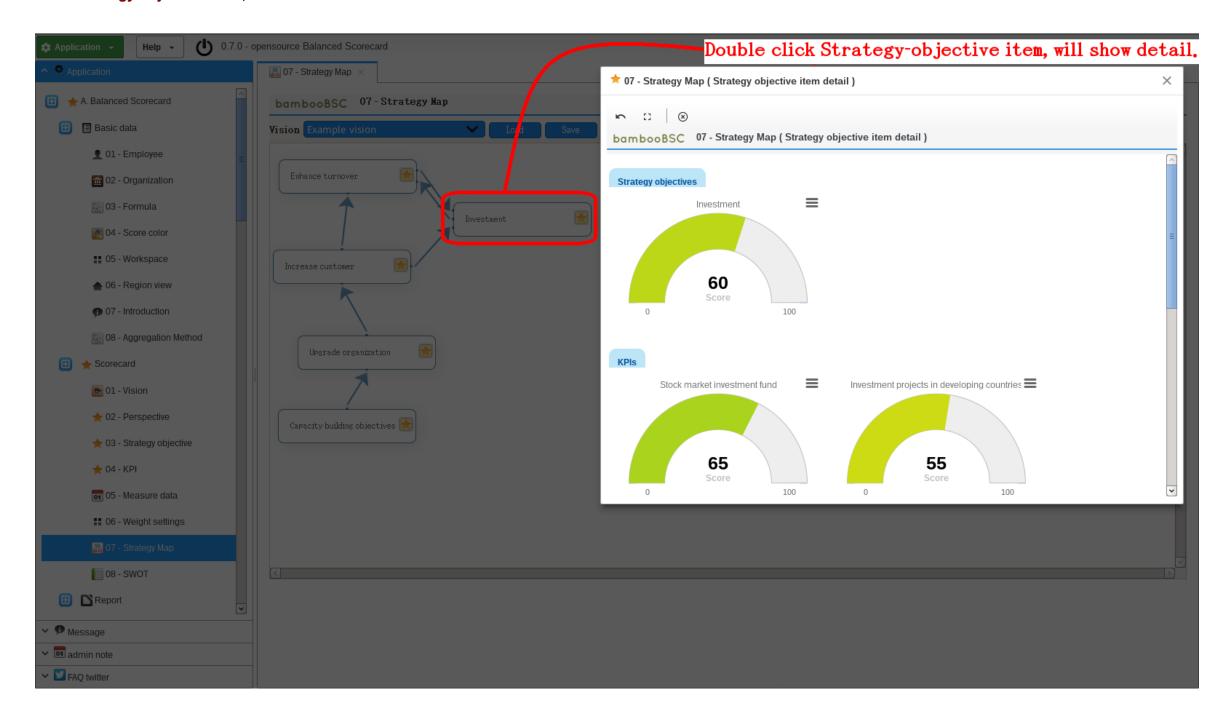


figure 9-01

How to drag Line on MAP



9. Strategy MAP Double click Strategy-objective item, will show detail



10. SWOT

Query or edit BSC S.W.O.T. first click " 08 – SWOT " look figure 10-01

- 1. first select an Vision and department/Organization
- 2. Query
- 3. input content on text-box
- 4. click save

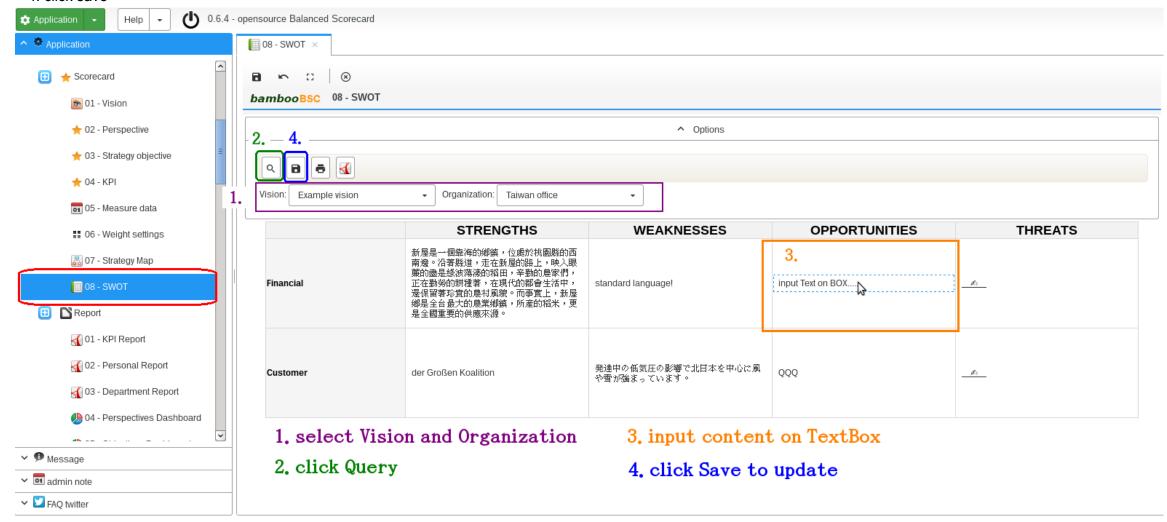


figure 10-01

ICON	Description		
Q	Query content		
	Save content		
6	Export query report as PNG image, (used IE browser the function failure)		
	Export query report as PDF file, (used IE browser the function failure)		
Vision: - please select -	Select an Vision		
Organization: Taiwan office	Select an department/Organization		

11. Report signature

Managers signature on the report for "01 - KPI Report" / "02 - Personal Report" / "03 - Department Report". Only export Excel or PDF found signature picture.

ICON	Description
3	Open signature pop-window.
⊗	Clear current signature picture.

1. first click 🗾

2. drawing name on signature pop-window. Look figure 11-01

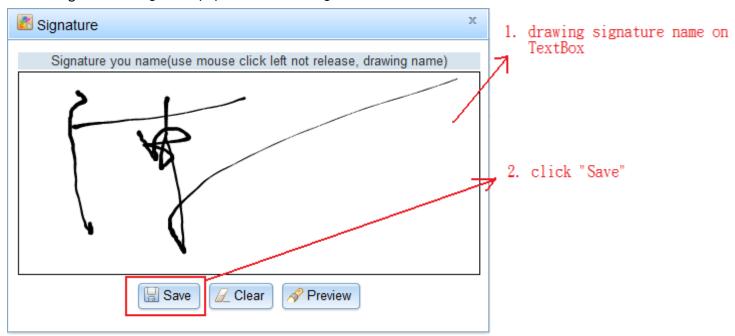


figure 11-01

3. click export PDF or Excel button, result look figure 11-02

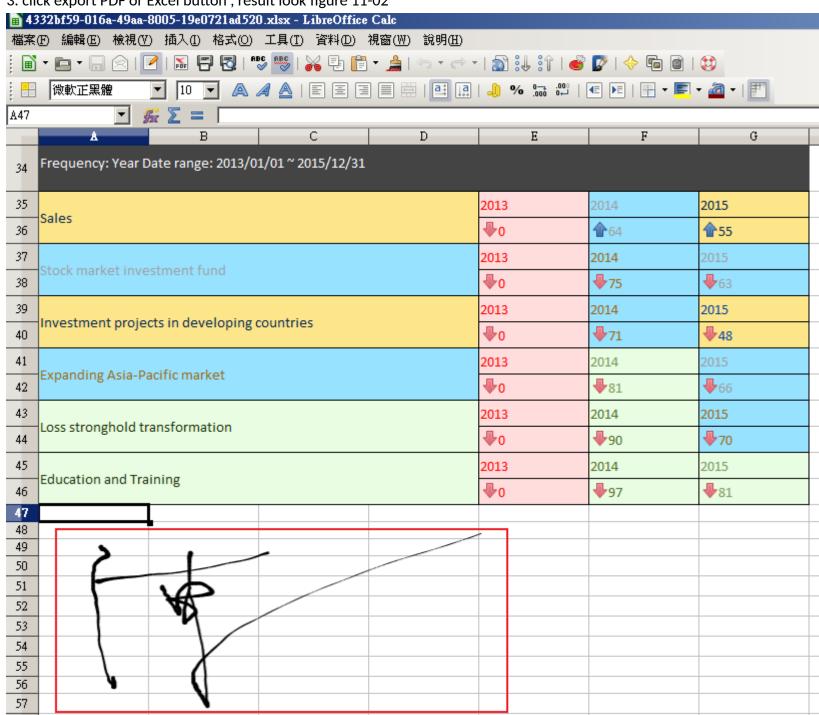


figure 11-02

12. Query Charts

The main function is SQL query to chart.

12-1. Settings datasource

please use "01 - Data source config" to create or modify Datasource settings.

If you want to provide other DB connection driver (SQL-Server or Oracle, pqSQL ...), please put Driver LIB jar file to WEB-INF/lib and add config of table named qc_data_source_driver . Currently, the system only provides MySQL Driver .

12-2. Settings data mapped

Settings Charts's Label and Value mapped. Click "02 - Data query mapper" on menu. Create new items please look (figure 12-01)

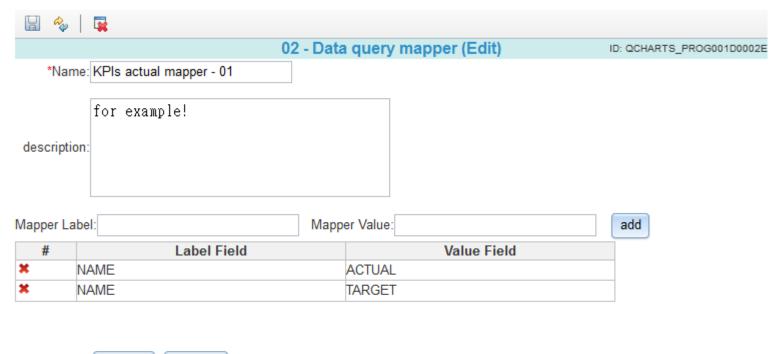


figure 12 - 01

Name: Please input mapped item name.

Clear

Description: memo or explain

☐ Save

Mapper Label: sql query's fields name **Mapper Value**: sql query's fields name

12-3. Query expression to Charts

Charts have provided BAR, PIE, LINE, AREA and html table. Click "01 - Basic query" on menu tree. Look (figure 12-02), Example results Look (figure 12-03)

→ Options	
Ø	
History: KPIs 2015 year Actual value. Datasource: BBCORE01 - datasource-01 Name: KPIs 2015 year Actual value.	
Mapper: KPIs actual mapper - 01 Mapper items(for Pie charts): - please select -	
Query expression:	
select K.NAME, MD.ACTUAL, MD.TARGET, MD.DATE from bb_measure_data MD, bb_KPI K where K.ID=MD.KPI_ID and MD.FREQUENCY='6' and MD.ORG_ID='*' and MD.EMP_ID='*' and MD.DATE LIKE '2015%'	

figure - 12-02

ICON	Description
R	Query results show as HTML table.
	Query results show as Pie charts
	Query results show as Bar charts
<i>≈</i>	As Line charts
≈	As Area charts
☐ Save query	Save query expression to history data.
∠ Clear	Clear
X Delete	Delete history data.
History: KPIs 2015 year Actual value.	Select history data.
Datasource: BBCORE01 - datasource-01 ▼	Select datasource.
Name: KPIs 2015 year Actual value.	input query name when need Save query
Mapper: KPIs actual mapper - 01	Select mapped item for query Charts
Mapper items(for Pie charts): - please select -	Select mapped items for Pie charts
Query expression:	input SQL query expression

The is Area Charts example.

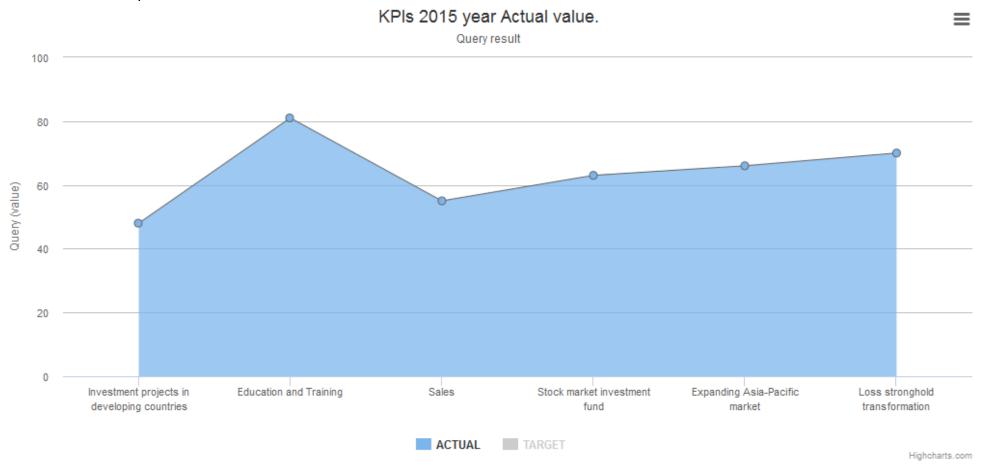


figure 12-03

13. Analytics (OLAP)

This feature is to provide a simple OLAP . MDX Query results can be exported into HTML file or EXCEL file .

13-1. Settings datasource

click "03 - Analytics config " on menu tree. And to create mode look (figure 13 - 01).

	03	- Analytics co	onfig (Edit)	ID: QCHARTS_PROG001D0003
*ld:	SOURCE01			
*Name:	Config-01			
*Drivers:	com.mysql.jdbc.Driver			
*jdbc url:	jdbc:mysql://localhost:33 useUnicode=true&character	06/bbcore?use Encoding=utf8	er=root&password=pass 3	word&
description:	for test !			
	Save Clear			

figure 13 - 01

Id: input config Id.

Name: input config name.

Drivers: input jdbc driver class name. (If you want to provide other DB connection driver(SQL-Server or Oracle, pqSQL ...), please put Driver LIB jar file to WEB-INF/lib)

Jdbc url: jdbc url. (url string parameter must include the account and password)

Description: memo or explain

13-2. Upload Mondrian Catalog file

Upload Mondrian catalog file and management. How to build catalog xml file please download mondrian schema workbench (http://sourceforge.net/projects/mondrian/files/schema%20workbench/) now vision is 3.9.0, use workbench create catalog example (figure 13-02)

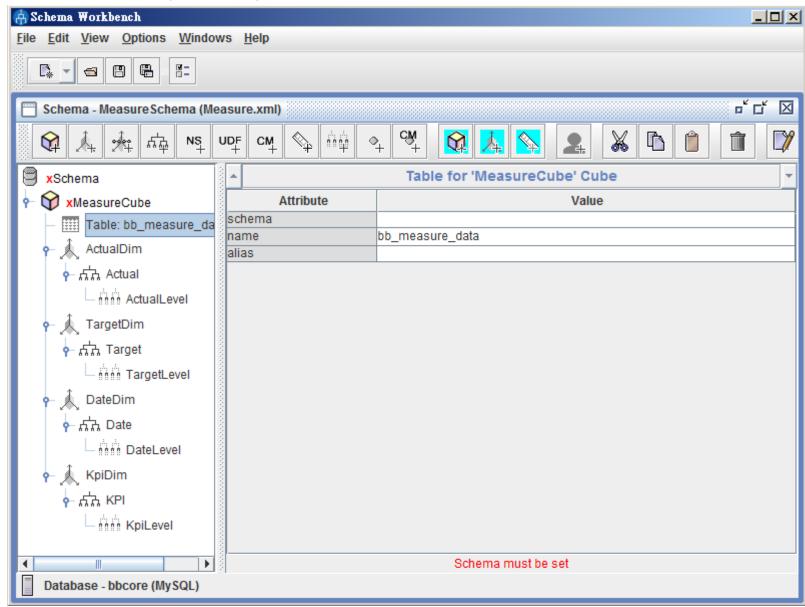


figure 13 - 02

After the schema workbench output of the catalog xml file using the "04 - Analytics Catalog " to upload it . Look (figure 13 - 03)

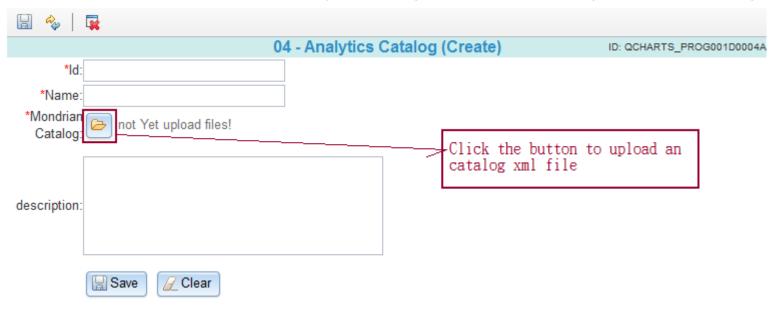


figure 13 - 03

Id: input catalog Id.

Name: input catalog name.

Mondrian Catalog: select an catalog xml file to upload.

Description: memo or explain



13-3. Analytics MDX query

Execute MDX query and display or output results. Click "02 - Analytics" on menu tree. Look (figure 13 - 04)

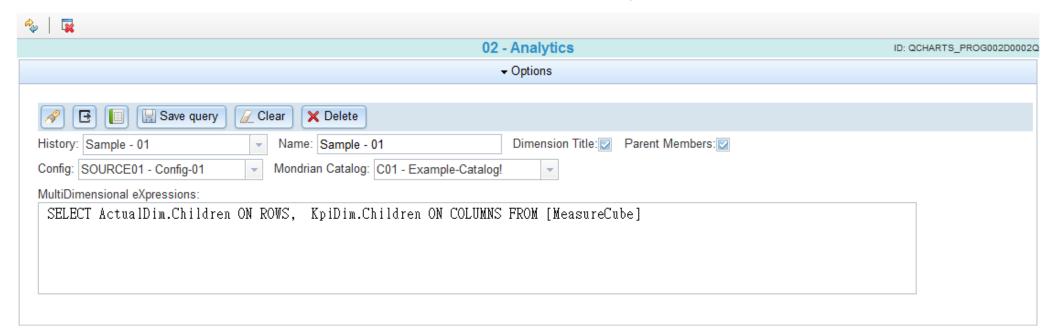
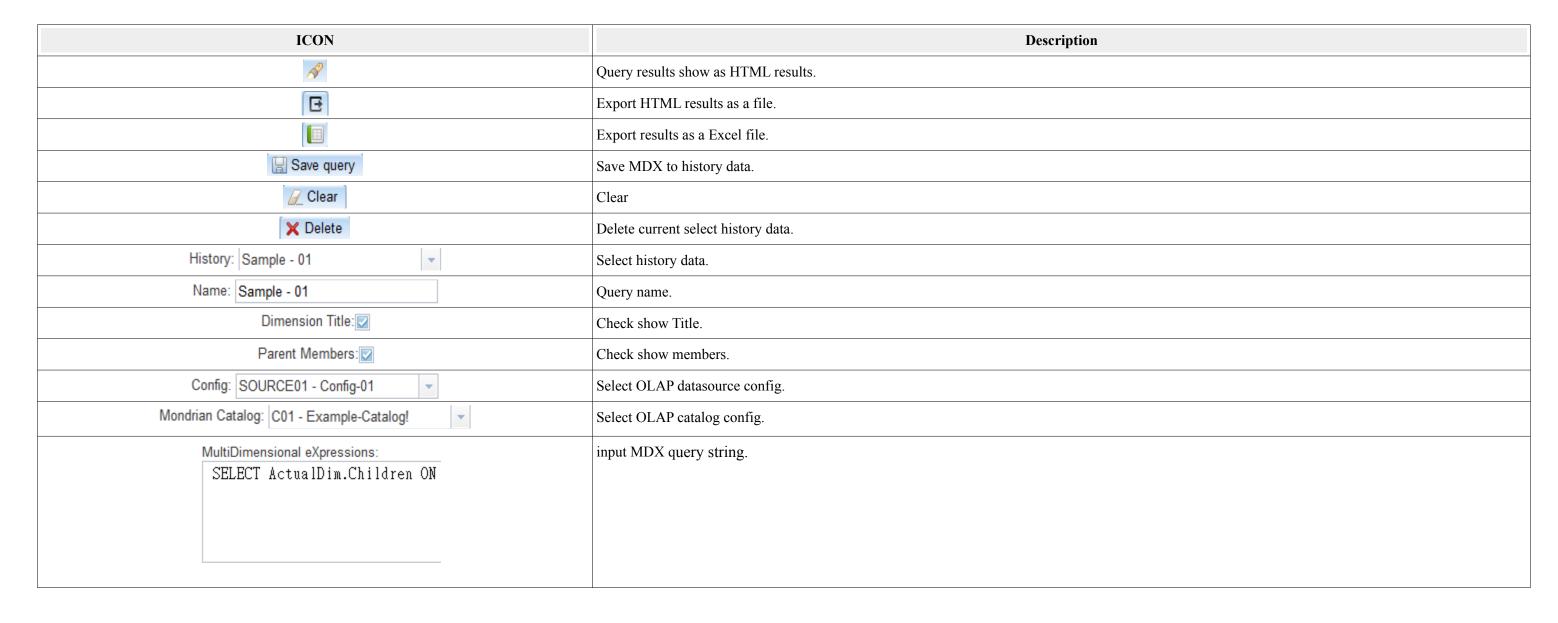


figure 13 - 04



14. bambooBSC mobile version

14-1. Mobile web.

Click link to mobile version on Login page.

Language

EN - English (default)

Account

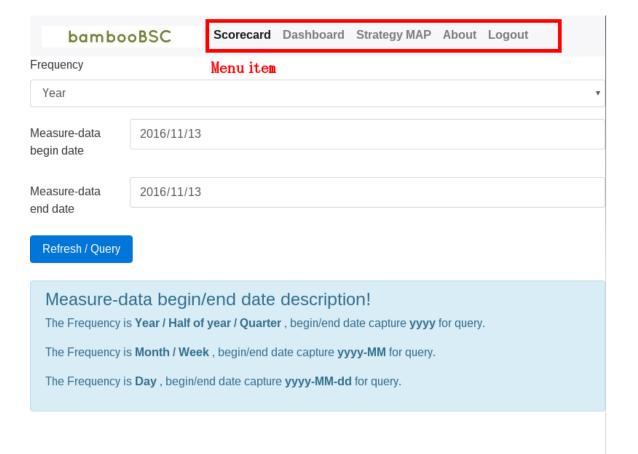
Password

login

Please use Chrome (recommend) or Firefox browser, can not support other browser.
bambooBSC 0.7.0 version

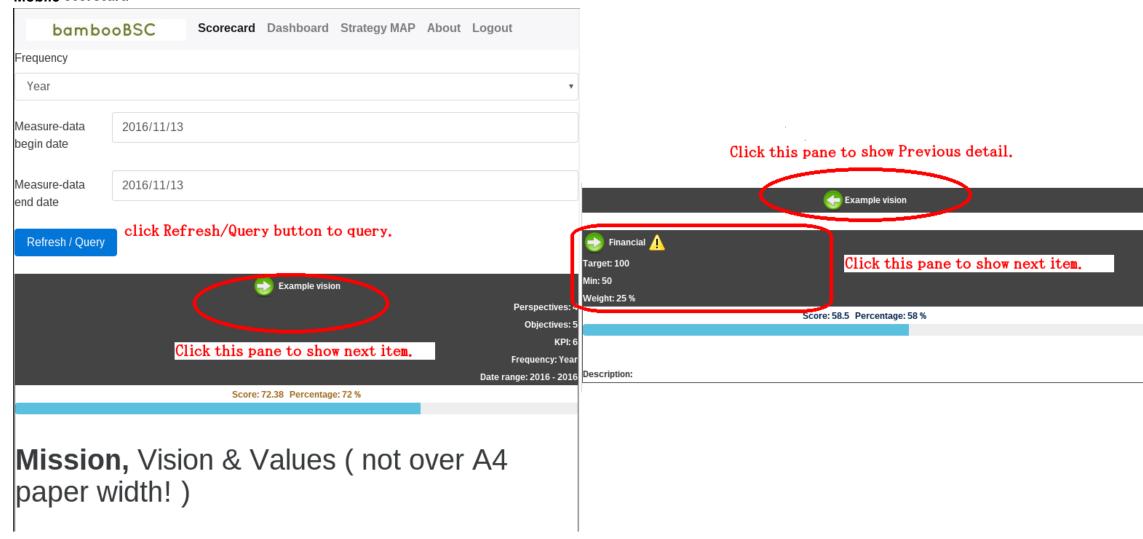
click link to Mobile version

Menu item, 1.Scorecard, 2. Dashboard, 3. Strategy MAP, if want logout please click Logout



14-2. Mobile web base operation

Mobile Scorecard

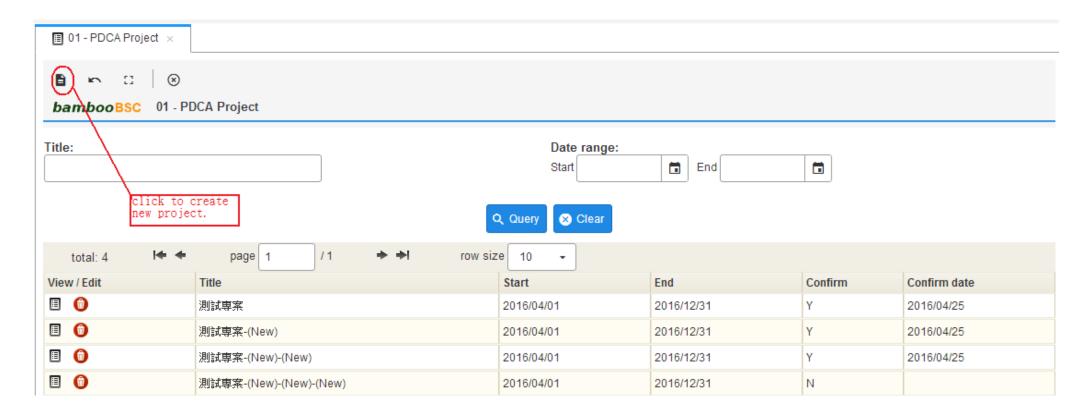


Vision	ooBSC				About Logo	Jτ
Example vision	1					٠
Frequency						
Year						۳
Measure-	2014/10/28					
data begin	., _0, _0					
date						
Measure-	2016/10/28					
data end date						
Refresh / Quer	rv					
Tierresity Quer						
Perspectives						
		_				
			ole vision			=
150 ———						
100					0	
50		72.3		70.0	97.0	
	8.09					
0	ncial	riet		eses	with	
€	mancial	Customer	es Proc	e-	and or	
			nal busine	Le artir	and dentil	
		15	enablishes put		Highcharts.	com
Strategy obje	ctives					
Enh	hance turnover	=	Inv	estment	=	
	58.67			2.83		
0	Score	80	0	Score 100)	
Incr	rease customer	=	Upgrade	organization	=	
	72.33 Score			70 Score		
0		100	0	100		
Capacity	/ building objectives	=				
	97					
0	Score	100				
KPIs						
	Sales	=	Stock marke	t investment fund	=	
	58.67 Score			7.67 Score		
0		80	6	7.67 Score		
0			0	core	■	
0	Score		0	Score 100		
0	Score ects in developing co		0 Expanding A	100 sia-Pacific market		
0	Score		Expanding A	Score 100	=	
0 Investment projection	Score ects in developing co	ountrie =	Expanding A	100 sia-Pacific market 2.33 100	=	
0 Investment projection	Score ects in developing co	ountrie =	Expanding A	100 sia-Pacific market 2.33	=	
0 Investment projection	Score ects in developing co	ountrie =	Expanding A	100 sia-Pacific market 2.33 2.00 100	=	
0 Investment projection	58 Score	ountrie =	Expanding A	101 101 102 103 104 105 105 106 107 107 107 107 107 107 107 107 107 107	=	
0 Investment projection	Score 58 Score	ountrie =	Expanding A	101 101 101 101 101 101 101 101 101 101	=	
0 Investment projection of Loss stron	58 Score	ountrie≡ 100 n ≡	Expanding A	100 sia-Pacific market 2.33 2.33 100 and Training	=	
0 Investment projection of the control of the contr	58 Score	n ≡	Expanding A	100 sia-Pacific market 2.33 2.33 100 and Training	=	
0 Investment projection of Loss strong the Control of the Control	58 Score	ountrie≡ 100 n ≡	Expanding A	100 sia-Pacific market 2.33 2.33 100 and Training	=	=
0 Investment projection of the control of the contr	58 Score	ountrie≡ 100 Tre	Expanding A	100 sia-Pacific market 2.33 2.33 100 and Training	=	=
0 Investment projection of Loss strong the Control of the Control	58 Score	ountrie≡ 100 Tre	Expanding A	100 sia-Pacific market 2.33 2.33 100 and Training	=	=
0 Investment projection of the control of the contr	58 Score	ountrie≡ 100 Tre	Expanding A 77 0 Education o o Sales Stock	2.33 2.33 101 101 101 101 101 101 101 101 101 1		
0 Investment projection of the control of the contr	58 Score	ountrie≡ 100 Tre	Expanding A 77 0 Education o Sale Stoc Investment	isia-Pacific market 2.33 2.33 2.33 3 and Training 97 101 8 k market investment projects in moding Asia-Pacific market	ant fund developing count ranket	
0 Investment projection of the control of the contr	58 Score	ountrie≡ 100 Tre	Expanding A 77 0 Education * Sale * Stoce Expanding A	100 sia-Pacific market 2.33 100 and Training 97 core 100 k market investment projects in	ant fund developing coun market ormation	
linvestment projection of the	58 Score	ountrie≡ 100 Tre	Expanding A 77 0 Education * Sale * Stoce Expanding A	is market investment projects in unding Asia-Pacific transitions.	ant fund developing coun market ormation	

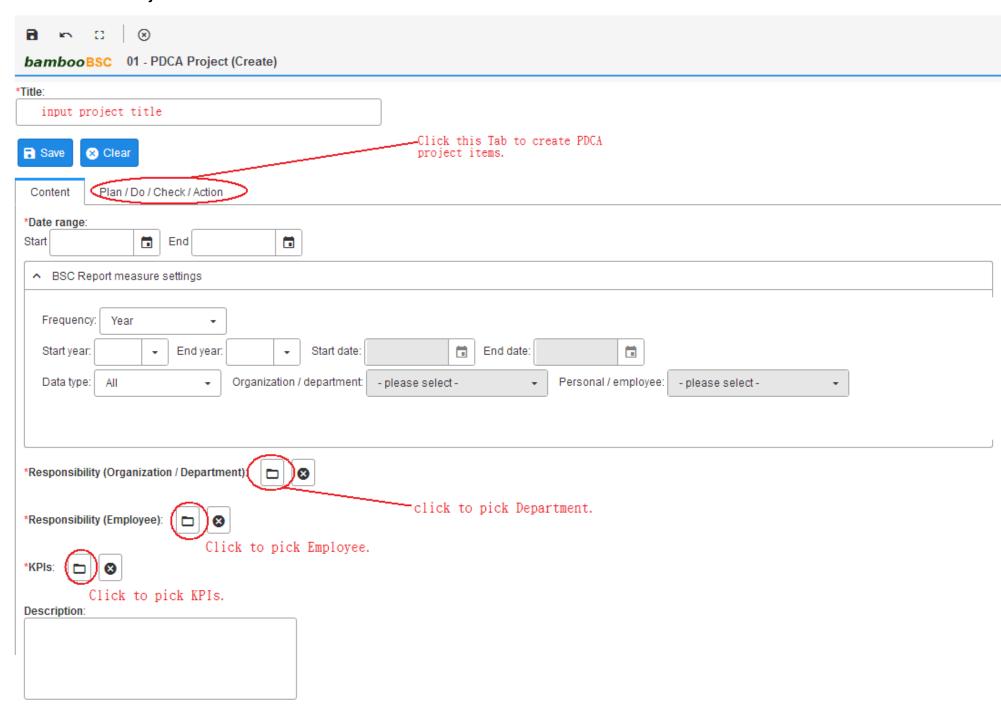
Mobile Strategy MAP



15. PDCA (Plan / Do / Check / Action)



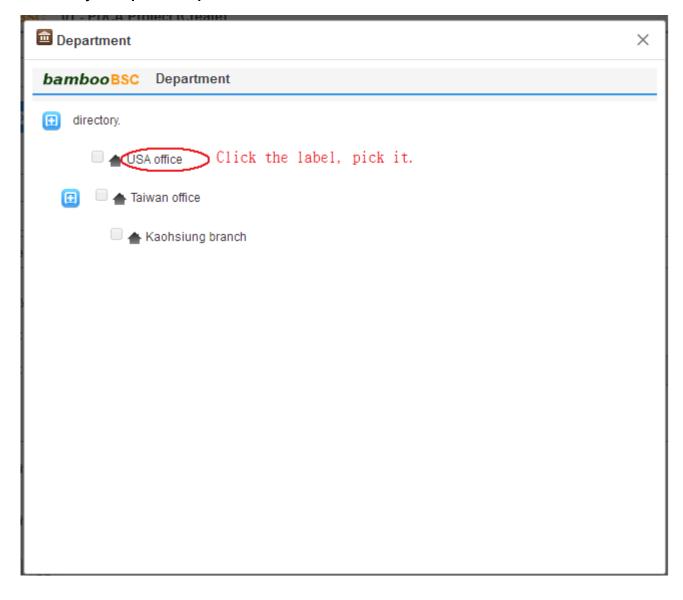
Create new PDCA Project



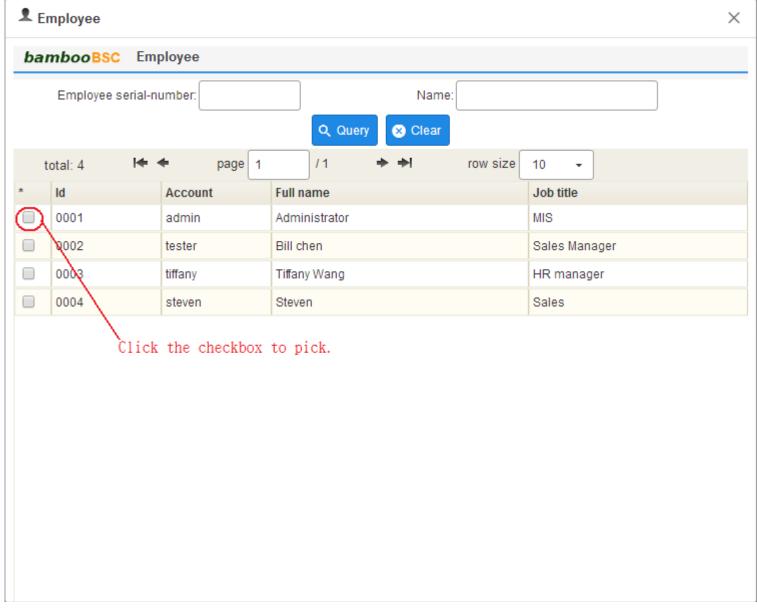
Document / attachment:



PDCA Project department pick.

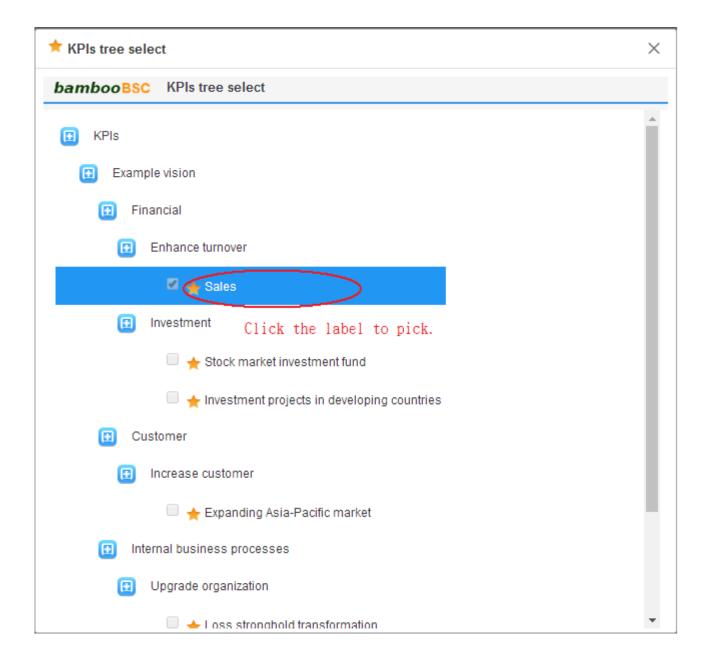


PDCA Project owner/Employee pick.

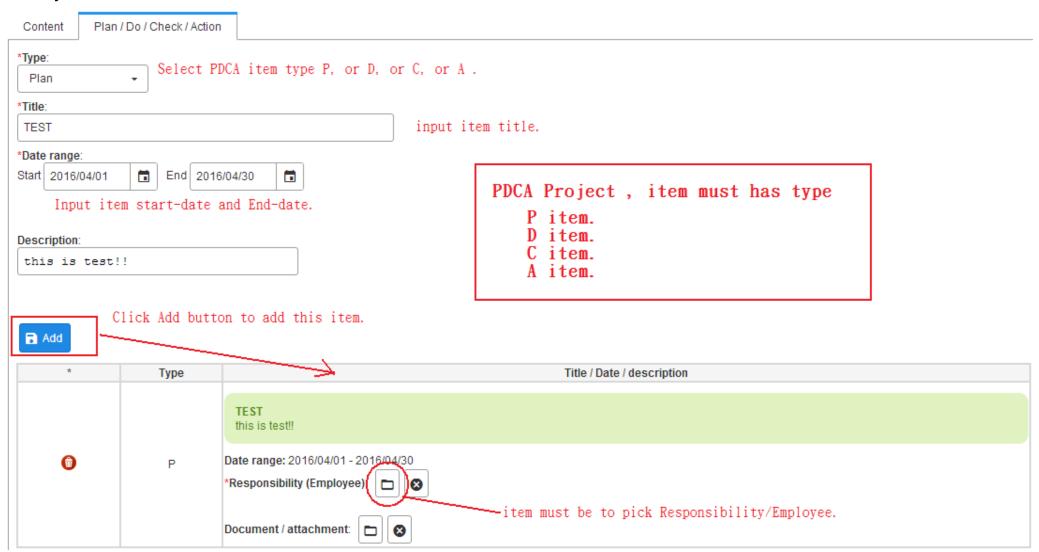


×			

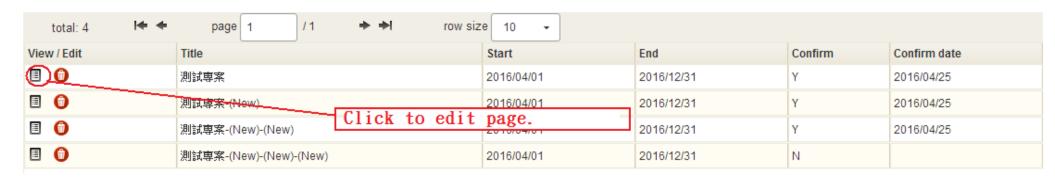
PDCA KPIs tree pick

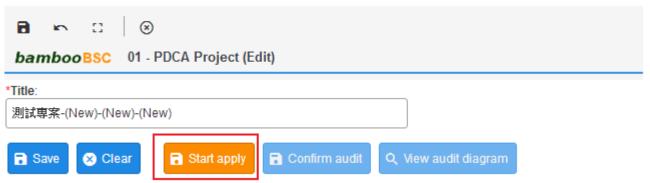


PDCA Project item add.



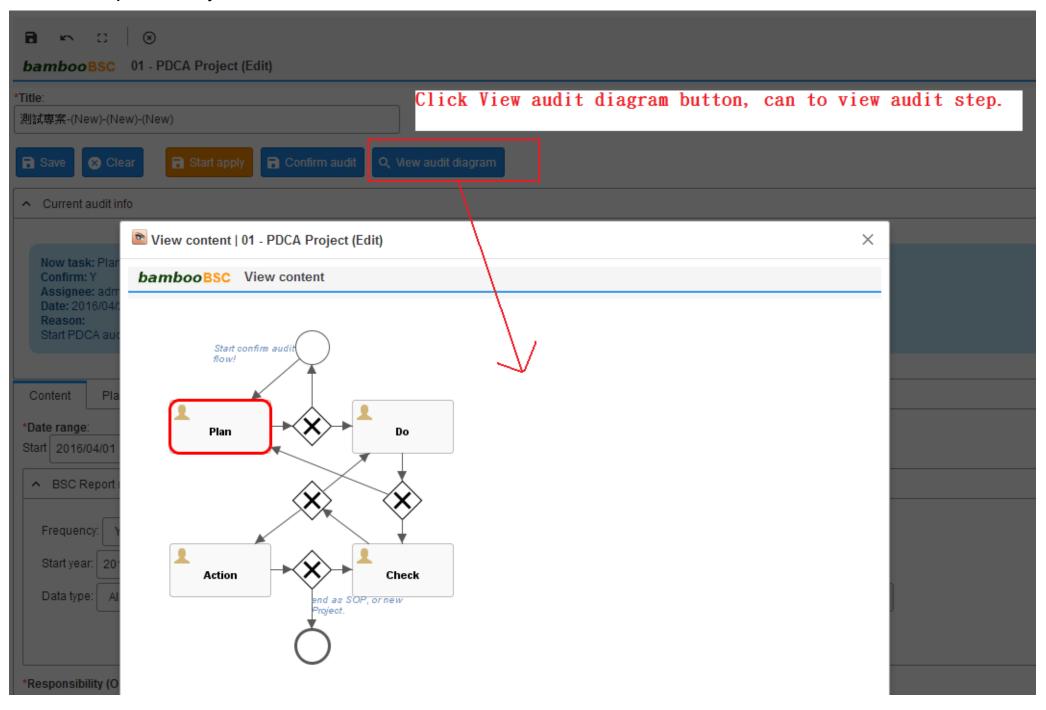
Audit project.



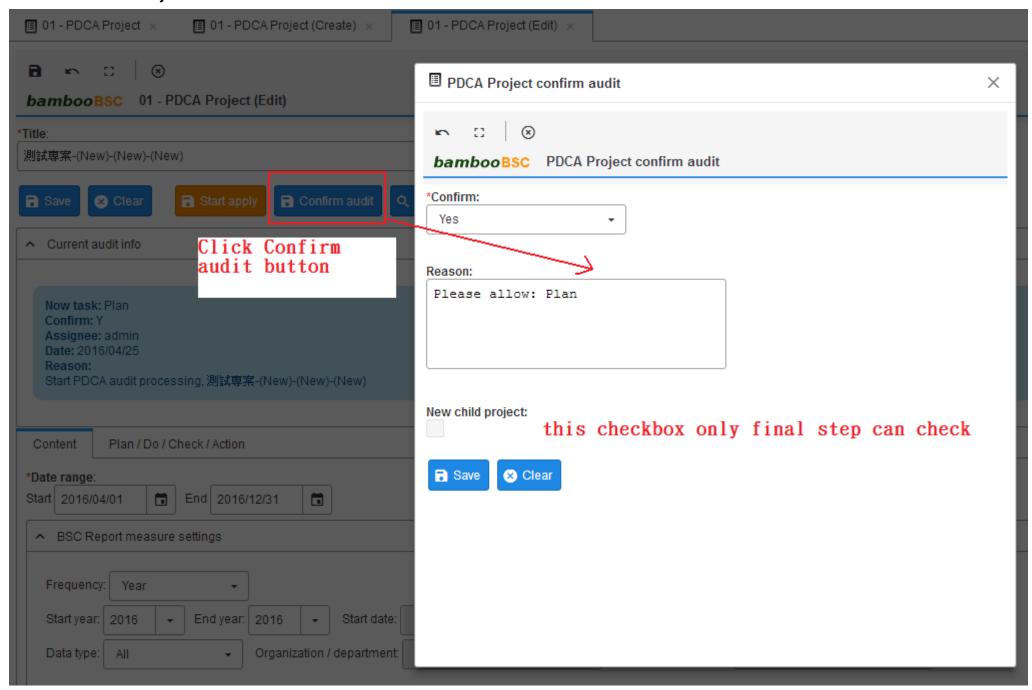


Start project audit process

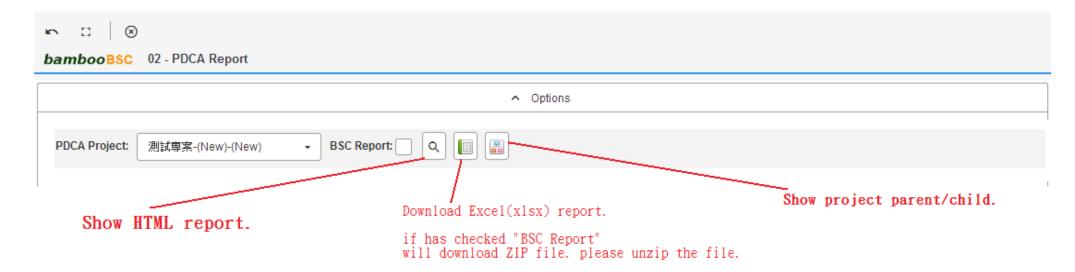
View now audit step of PDCA Project



Confirm audit for PDCA Project



PDCA Report query operation



16. Audit settings (if PDCA Project or 360 Project edit page cannot click "Confirm audit" button)

Please use "05 – BPMN Resource role" to management. Add an task audit for an user Role.

The default account has permission to audit. Later new added account, please set audit permission by self (admin can do it).

360 Degree feedback project audit process.				
Resource ID	Task icon	Task name		
DFProjectPublishProcess	To apply	To apply		
DFProjectPublishProcess	HR Manager Approval	HR Manager Approval		

PDCA project audit process.				
Resource ID	Task icon	Task name		
PDCAProjectProcess	Plan	Plan		
PDCAProjectProcess	Do	Do		
PDCAProjectProcess	Check	Check		
PDCAProjectProcess	Action	Action		

