

Operating Lease Support System Phase-2 Project for



Functional Specification FC.AB.4.4 Monitoring Complement Document

Revision 0.1

PT. Berlian Sistem Informasi

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Project Name :	Operating Lease Support System Phase-2

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Project Code :	TM15404A
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Document Approval

By signing this document I acknowledge I have read the document and give the Project Management Team approval to proceed.

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Functional Specification

1. Introduction

1.1 Purpose

Functional Specification is a document to describe the detail of functions system which includes screen design, report, and logic formula. This document will be used for system development.

1.2 Scope

Functional Specification Document contains screen design, screen functionality, process flow, and data structure of FC.AB.4.4 Monitoring Complement Document for Phase-2.

Here are the scope for FC.AB.4.4 Monitoring Complement Document:

1. AB.4.4.1 View Complement Document List

To view document list from customer that needed for SKD Approval Process and Agreement Approval Process including status of completion.

Output from this document is:

1. PF.AB.4.4 Complement Document

1.3 Definition, Acronyms, and Abbreviations

- 1. OPL = Operating Lease
- 2. DSF = Dipo Star Finance
- 3. BSI = Berlian Sistem Informasi
- 4. SKD = Surat Keputusan Direksi/ Board of Director's Decree

1.4 References

This functional specification document refers to **"To Be Design" AB. Marketing Process**, module:

- 1. AB.4 Marketing Operational Monitoring
 - AB.4.4 Monitoring Complement Document

2. Configuration

N/A

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3. Detail Specification: FC.AB.4.4 Monitoring Complement Document

3.1. Purpose

The Monitoring Complement Document screen is used by PIC Marketing Administration to view and update Complement Document from customers. This screen functions consist of view document compenent list and update document complement status. Monitoring will be based on Agreement that has been created.

3.2. Screen of Configuration Access

Here are the access right for users:

User	Create	Read	Update	Authorization
PIC Markerting	-	V	V	-
Administration				
Marketing Officer	-	V	-	-
Head of Branch	-	V	-	-
Head of Department	-	V	-	-
Regional Manager	-	V	-	-
Advisor	-	V	-	-
Director	-	V	-	-
President Director	-	V	-	-
Shareholder's Meeting	-	V	-	-

Legend:

V = Have the access

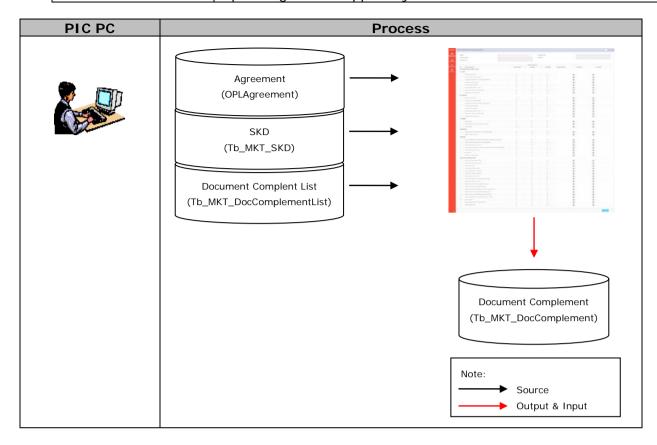
3.3. Screen Functionality

- 1. View lists of Complement Document
- 2. Input status of Complement Document
- 3. Update status Complement Document
- 4. Print Complement Document

3.4. Operation Flow

Below is operation flow for Monitoring and print unit preparation process refer to To Be Design Document Marketing Process, AB.2.1 Board of Director's Decree/ Surat Keputusan Direksi (SKD):

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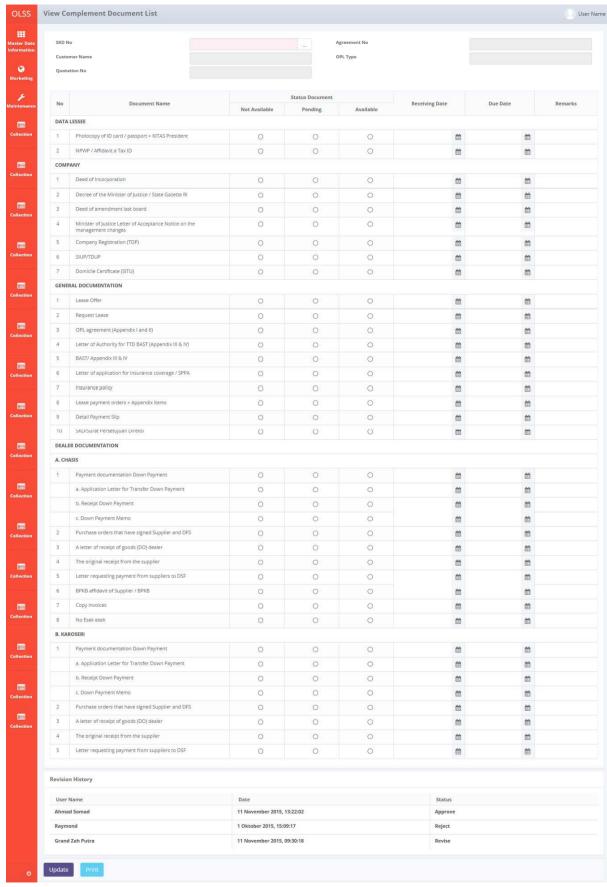


3.5. Screen Design

• Initial Screen Monitoring Complement Document for Update and Print Complement Document

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Screen 1. Monitoring Complement Document

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Notification after click Update



Screen 2. Update Complement Document

3.6. Component Screen Functionality

View Complement Document List
 Here are the screen functions from each component in Screen 1. View
 Complement of Document List:

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No	Component	Name	Function	
Head	er			
1	Label	View Complement Document list	View Complement Document list title	
2	Search Box	SKD No	To select SKD No	
3	Text Box	Customer Name	Displaying Customer Name	
4	Text Box	Quotation No	To show Quotation No	
5	Text Box	Agreement No	Displaying Agreement No	
6	Text Box	OPL Type	Displaying OPL Type	
Docu	ment List Header			
7	Label	No	Header Table	
8	Label	Document Name	Header Table	
9	Label	Status Document	Header Table with 3 colspan.	
10	Label	Status Document 1 Ex: "Not Available"	Header Table The headers values retrieved from table OptionItemValues joined with table OptionItems where	
11	Label	Status Document 2 Ex: "Pending"	OptionI tems.OptionI temsName equals "Status Document" . This headers dynamically generated	
12	Label	Status Document 3 Ex: "Available"	based on OptionItems. So the number of header allows for less or more than 3 .	
13	Label	Receiving Date	Header Table	
14	Label	Due Date	Header Table	
15	Label	Remarks	Header Table	
Docu	ment List			
7	Label	No	Displaying Number	
8	Label	Document Name	Displaying Document list depends on Lease Category	
9	Radio button1	Status Document1		
10	Radio button2	Status Document2	Displaying some radio buttons, to be in check or uncheck.	
11	Radio button3	Status Document3		
12	Date Picker	Receiving Date	Displaying Receiving Date	
13	Date Picker	Due Date	Displaying Due Date	
14	Text Area	Remarks	To input remarks	

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Revision History					
15	Label	Revision History	Revision History Sub-Title		
16	Label User Name		Displaying User Name		
17	Label	Date	Displaying Date		
18	Label Status		Displaying Status		
Footer					
19	Button	Update	To update the complement document list		
20	Button	Print Form	To print the form		

3.7. Operation Description

No.	Operation Name	Des	Description				
1	Initial view of View	The screen for list of Complement Document:					
	Complement		Component Status;				
	Document List		Component	Name/Caption	Status	Remark	
			Label	View Complement Document list	Active		
			Search Box	SKD No	Active	Mandatory depicted in red	
			Text Box	Customer Name	Not Active	Input disabled	
			Text Box	Quotation No	Not Active	Input disabled	
			Text Box	Agreement No	Not Active	Input disabled	
			Text Box	OPL Type	Not Active	Input disabled	
			Label	No	Not Active		
			Label	Document Name	Not Active		
			Radio button	Status Document – Not Available	Active		
			Radio	Status Document –	Active		
			button	Pending			
			Radio	Status Document –	Active		
			button	Available			
			Label	Receiving Date	Not Active		
			Label	Due Date	Not Active		
			Text Area	Remarks	Not Active		
			Button	Update	Active		
			Button	Print Form	Active		
2	Update	Select the SKD Number from search box					
	Complement	2. Revision History will show the data, the data retrieved from					
	Document List	Tb_MKT_DocComplement_History. 3. Change the Status Document for each document item					
		Constraint:					
		If the row no radio button selected					
		- If the radio button "Not Available" checked, the remarks will be					
		enable. Receiving date and due date will be set disable.					

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2	Drint Complement	- If the radio button "Pending" checked, the due date and Remarks will be enable. Receiving date will be set disable If the radio button "Available" checked, the receive date will be enable. Remarks and due date will be set disable. If there is selected radio button in the row - User can only change the status with "Pending" condition to another status If the radio button "Not Available" checked, the remarks will be enable. Receiving date and due date will be set disable If the radio button "Available" checked, the receive date will be enable. Remarks and due date will be set disable. 4. Click Update button to update the document complement form. 5. If there is any selecting radio button except "select another row from selected radio button Pending" then appears message: "Changing the status of the document on line [rowIndex] is not allowed." 6. Update the following field (if needed) in the table Tb_MKT_DocComplement □ DocStatus □ ReceiveDate □ DueDate □ Remarks □ LastModifiedBy □ LastModifiedBy □ LastModifiedDate 7. History Data will be stored in the table Tb_MKT_DocComplement_History_Dtl
3	Print Complement Document	Input: 1. Operation Name 3. Update Complement Document List point 1-5 2. Click button Print Process: 1. Operation Name 3. Update Complement Document List point 6 & 7 Output: 1. Print out form PF.AB.4.4 Complement Document
4	System error message	Process: 1. Any errors outside of application validation or that which cannot be handled by application such as errors when communicating with database, bugs, overloop, etc will generate an error message "System error. Please contact your administrator" Output: 2. A page with system error message will appear.

3.8. Data Structure

a. Update Monitoring Complement Document

Field Name Data Length Source	Remarks Nullable Mandatory
-------------------------------	----------------------------

Project Code :	TM15404A
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Primary Key View Complement Document	Int	N/A	Tb_MKT_DocComple ment.ldTb_MKT_Doc Complement	Primary Key	No	Yes
ID Complement Document List	Int	N/A	Tb_MKT_DocComple mentList.ldTb_MKT_ DocComplementList		No	Yes
ID SKD	Int	N/A	Tb_MKT_SKD.IdTb_ MKT_SKD		No	Yes
ID OPL Agreement	Int	N/A	Tb_OPLAgreement.Id Tb_OPLAgreement		No	Yes
Doc Status	Int	N/A	Tb_MKT_DocComple ment.DocStatus		Yes	No
Receive Date	Date	N/A	Tb_MKT_DocComple ment.ReceiveDate	Format "mmddyyyy"	Yes	No
Due Date	Date	N/A	Tb_MKT_DocComple ment.DueDate	Format "mmddyyyy"	Yes	No
Remarks	Varchar	100	Tb_MKT_DocComple ment.Remarks		Yes	No
Created By	Varchar	20	Tb_MKT_DocComple ment.CreatedBy		No	Yes
Created Date	Datetime	N/A	Tb_MKT_DocComple ment.CreatedDate	Format "mmddyyyy hh: mm: ss"	No	Yes
Last Modified By	Varchar	20	Tb_MKT_DocComple ment.LastModifiedBy		Yes	No
LastModified Date	Datetime	N/A	Tb_MKT_DocComple ment.LastModifiedDa te	Format "mmddyyyy hh:mm:ss"	Yes	No

Tb_MKT_DocComplementList

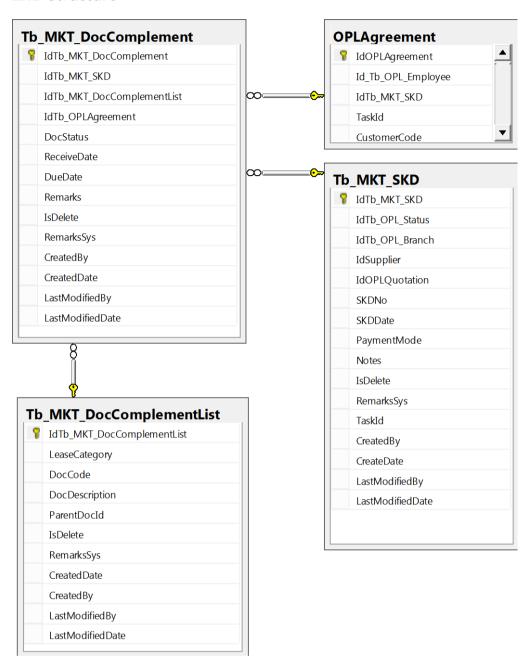
Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
Primary Key View Complement Document List	Int	N/A	Tb_MKT_DocComple mentList.IdTb_MKT_ DocComplementList	Primary Key	No	Yes
Doc Category Code	Varchar	20	Tb_MKT_DocComple mentList.DocCategor yCode		No	Yes
Doc Category Description	Varchar	50	Tb_MKT_DocComple mentList. DocCategoryCode		Yes	No
Doc Name Code	Varchar	20	Tb_MKT_DocComple mentList.DocNameCo de		No	Yes
Doc Name Description	Varchar	50	Tb_MKT_DocComple mentList. DocNameDescription		Yes	No

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IsDelete	Bit		Tb_MKT_DocComple mentList. IsDelete		No	Yes
RemarksSys	Varchar	100	Tb_MKT_DocComple mentList.RemarksSys		Yes	No
Created By	Varchar	20	Tb_MKT_DocComple mentList.CreatedBy		No	Yes
Created Date	Datetime	N/A	Tb_MKT_DocComple mentList.CreatedDat e	Format "mmddyyyy hh: mm: ss"	No	Yes
Last Modified By	Varchar	20	Tb_MKT_DocComple mentList.LastModifie dBy		Yes	No
LastModified Date	Datetime	N/A	Tb_MKT_DocComple mentList.LastModifie dDate	Format "mmddyyyy hh: mm: ss"	Yes	No

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ERD Structure



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3.9. Screen Item List

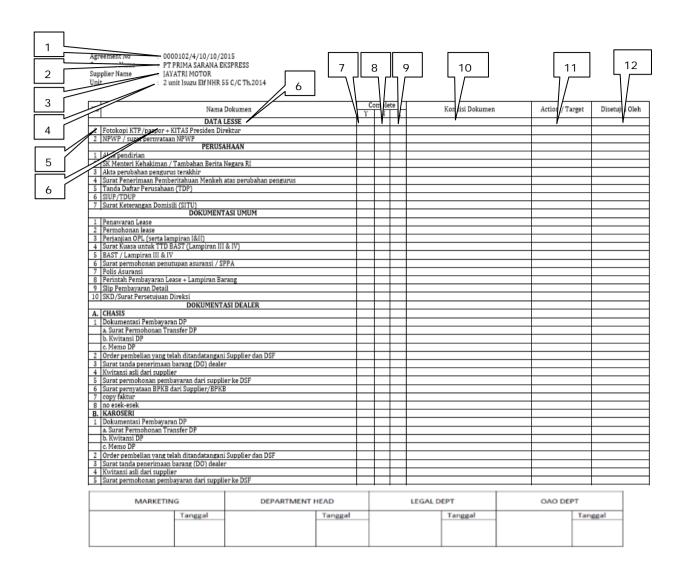
PF.AB.4.4 Complement Document

PF.	PF.AB.4.4 Complement Document						
No	Content	Description	Source	Remarks			
1	Agreement No	Agreement No	OPLAgreement.Agreemen tNumber	Where Tb_MKT_DocComplement.IdTb_O PLAgreement = OPLAgreement.IdOPLAgreement			
2	Customer Name	Customer Name	OPLAgreement.Customer Code	Where Tb_MKT_DocComplement.IdTb_O PLAgreement = OPLAgreement.IdOPLAgreement			
3	Supplier Name	Supplier Name	Supplier.IdSupplier	Where Tb_MKT_DocComplement.IdTb_M KT_SKD = idTb_MKT_SKD.IdTb_MKT_SKD AND Tb_MKT_SKD.IdSupplier = Supplier.IdSupplier			
4	Unit	Unit	Tb_MKT_SKD_Dtl.Qty	Where Tb_MKT_DocComplement.IdTb_M KT_SKD = idTb_MKT_SKD.IdTb_MKT_SKD AND Tb_MKT_SKD.			
5	No	Doc Code	Tb_MKT_DocComplement List	Where Tb_MKT_DocComplementList. IdTb_MKT_DocComplementList = Tb_MKT_DocComplement. IdTb_MKT_DocComplementList AND Tb_MKT_DocComplementList. LeaseCategory = OPI			
6	Nama Dokumen	Doc Name	Tb_MKT_DocComplement List	Where Tb_MKT_DocComplementList. IdTb_MKT_DocComplementList = Tb_MKT_DocComplement. IdTb_MKT_DocComplementList			
7	Υ	Available	Tb_MKT_DocComplement	((Select ItemValuesName from OptionItemValues where OptionItems.OptionItemName=" Complement Document Status") == Tb_MKT_DocComplement.DocSta tus)			
8	N	Not Available	Tb_MKT_DocComplement	((Select ItemValuesName from OptionItemValues where OptionItems.OptionItemName=" Complement Document Status") == Tb_MKT_DocComplement.DocStatus)			
9	R	Pending	Tb_MKT_DocComplement	(
	l .	1	I IN WILL DOCCOMPLEMENT	<u> </u>			

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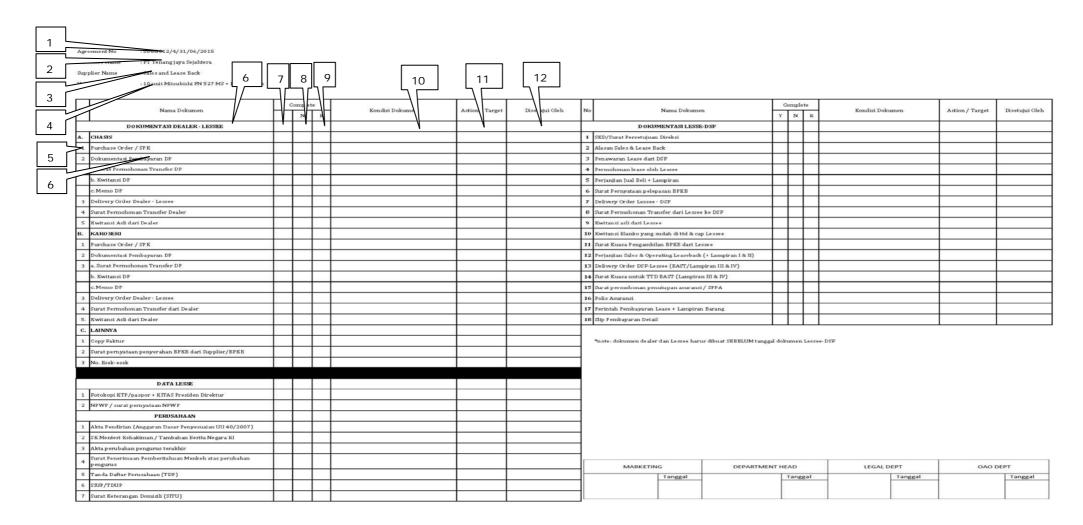
				(Select ItemValuesName from OptionItemValues where OptionItems.OptionItemName=" Complement Document Status") == Tb_MKT_DocComplement.DocSta tus)
10	Kondisi Dokumen	Remarks	Tb_MKT_DocComplement	Tb_MKT_DocComplement.Remar ks
11	Action / Target	Due Date	Tb_MKT_DocComplement	Tb_MKT_DocComplement.DueDat e
12	Disetujui Oleh	Empty	-	-

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Screen 2. Print Form Complement Document - Normal

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Screen 3. Print Form Complement Document - Leaseback

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APPENDIX - 1

Configuration Access for Monitoring Complement Document functions:

User	Branch		Functions		
User	branch	Edit	Print Form	Print Report	
	One	V	V	V	
PIC Admin	Area				
	All				
	One				
Marketing Officer	Area				
	All				
	One				
Head of Branch	Area				
	All				
	One				
Head of Department	Area				
	All				
	One				
Regional Manager	Area				
	All				
	One				
Advisor	Area				
	All				
	One				
Director	Area				
	All				
President Director	One				
	Area				
	All				
	One				
Shareholder's Meeting	Area				
	All				

Legend:

V = Have the access