

Operating Lease Support System Phase-2 Project for



Functional Specification FC.AB.4.4 Monitoring Complement Document

Revision 1.0

PT. Berlian Sistem Informasi

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Project Name :	Operating Lease Support System Phase-2

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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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DSF Project Director	Mr. Jin Nishimura		
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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

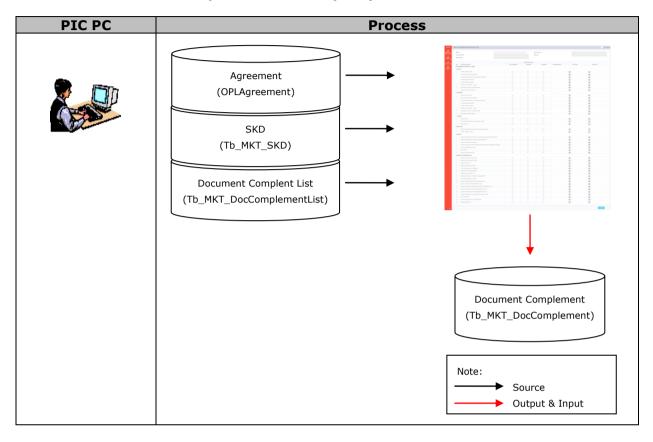
3.3 Screen Functionality

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

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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

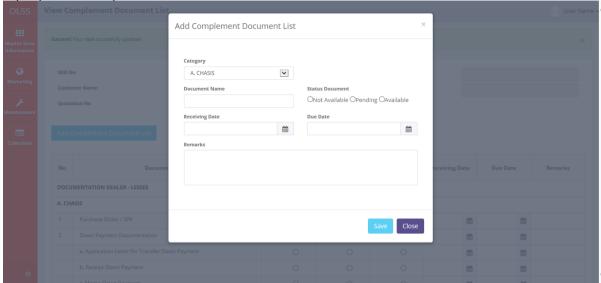
• Initial Screen Monitoring Complement Document for Update and Print Complement Document



Screen 1. Monitoring Complement Document

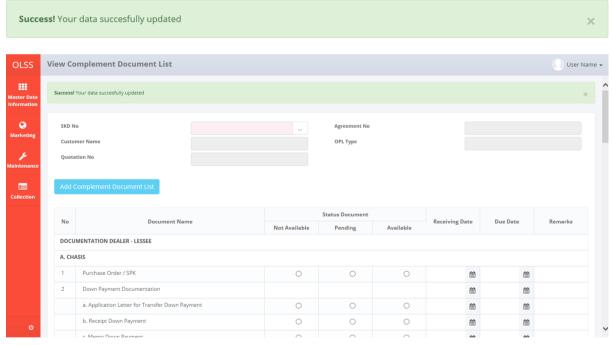
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Pop Up Add Complement Document List



Screen 2. Pop Up Add Complement Document List

Notification after click Update



Screen 3. Notification after click Update

3.6 Component Screen Functionality

a. View Complement Document List

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

No	Component Name		Function		
Head	er				
1	Label	View Complement	View Complement Document list title		
		Document list			

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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	
Document 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	Header Table	
		Document 1	The headers values retrieved from table	
		Ex:"Not	OptionItemValues joined with table	
		Available"	OptionItems where	
11	Label	Status	OptionItems.OptionItemsName	
		Document 2	equals "Status Document" .	
		Ex:"Pending"	This headers dynamically generated	
12	Label	Status	based on OptionItems. So the number	
		Document 3	of header allows for less or more than	
10		Ex:"Available"	3.	
13	Label	Receiving Date	Header Table	
14	Label	Due Date	Header Table	
15	Label	Remarks	Header Table	
	ment List			
7	Label	No	Displaying Number	
8	Label	Document Name	Displaying Document list depends on Lease Category	
9	Radio button1	Status Document1	Displaying some radio buttons, to be in check or uncheck.	
10	Radio button2	Status		
		Document2		
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	
Revis	sion History			
15	Label	Revision History	Revision History Sub-Title	
16	Label	User Name	Displaying User Name	
	l .	I.	1	

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17	Label Date		Displaying Date		
18	Label	Status Displaying Status			
Foote	Footer				
19	Button	Update	To update the complement document list		
20	Button	Print Form	To print the form		

b. Pop Up Add Complement Document List

Here are the screen functions from each component in **Screen 2. Pop Up Add Document Complement List**:

No	Component	Name Function		
1	Label	Add Complement Document list	View Complement Document list title	
2	Drop down Box	Category	To select Category	
3	Text Field	Document Name	To input Document Name	
4	Radio Button1	Not Available	Not Available status	
5	Radio Button2	Pending	Pending status	
6	Radio Button3	Available	Available status	
7	Date picker	Receiving Date	To input Receiving Date	
8	Date picker	Due Date	To input Due Date	
9	Text Area	Remarks	To input Remarks	
10	Button	Save	To Save the data inputted	
11	Button	Close	To close the pop up screen	

3.7 Operation Description

No.	Operation Name	Description				
1	Initial view of View Complement	The screen for list of Complement Document: 1. 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	

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				1		l l		
			Radio	Status Document – Not	Active			
			button	Available	A =1:=			
					Active			
				_	Active			
					Active			
					N A .:			
					Not Active			
			Button	Print Form	Active			
2	Update Complement Document List	 3. 4. 5. 	Radio Status Document - button Pending Radio Status Document - button Available Label Receiving Date Not Active Label Due Date Not Active Label Due Date Not Active Button Update Active Button Update Active Button Print Form Active Select the SKD Number from search box Revision History will show the data, the data retrieved from Tb_MKT_DocComplement_History. 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 enable. Receiving date and due date will be set disable. 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 enable. Remarks and due date will be set disable. If the radio button "Not Available" checked, the receive date will enable. Remarks and due date will be set disable. If the radio button "Not Available" checked, the remarks will enable. Receiving date and due date will be set disable. If the radio button "Not Available" checked, the remarks will enable. Receiving date and due date will be set disable. If the radio button "Not Available" checked, the remarks will enable. Receiving date and due date will be set disable. If the radio button "Not Available" checked, the receive date will enable. Remarks and due date will be set disable. If the radio button "Not Available" checked, the receive date will enable. Remarks and due date will be set disable. Update the following field (if needed) in the table Tb_MKT_DocComplement ⇒ DocStatus ⇒ ReceiveDate ⇒ DueDate ⇒ Remarks ⇒ LastModifiedBy ⇒					
			<pre>Insert data to Tb_MKT_DocComplement_History - B.ProcessId = New Guid</pre>					

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3	Print Complement Document	- B.OriginalID = A. IdTb_MKT_DocComplement - B.CreatedDate = Sys.CurrentDate - B.CreatedBy = Sys.CurrentUser - B.Action = "Update" Insert data to Tb_MKT_DocComplement_History_Dtl - C.ProcessId = New Guid - C. IdTb_MKT_DocComplement = A.
7	-	1. Operation Name 3. Update Complement Document List point 1-5
		·
4	System error message	Process: 1. Any errors outside of application validation or that which cannot

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 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" 2. A log history will be generated for any error outside of application validation (same as Phase 1). This log record can be used for IT investigation should any cases appear in the system
Output: 3. A page with system error message will appear.

3.8 Data Structure

Tb_MKT_DocComplement

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MKT_ DocComple ment	Integer	N/A	Tb_MKT_DocCo mplement.IdTb_ MKT_DocCompl ement	mplement.IdTb_ MKT_DocCompl Primary Key		YES
IdTb_MKT_ DocComple mentList	Integer	N/A	Tb_MKT_DocCo mplementList.Id Tb_MKT_DocCo mplementList	Foreign Key	NO	YES
IdTb_MKT_ SKD	Integer	N/A	Tb_MKT_SKD.Id Tb_MKT_SKD	Foreign Key	NO	YES
IdTb_OPLAg reement	Integer	N/A	Tb_OPLAgreeme nt.IdTb_OPLAgr eement	Foreign Key	NO	YES
Doc Status	Integer	N/A	Tb_MKT_DocCo mplement.DocS tatus	Refer from table OptionItemValues. IdOptionItemValue The items value name contains "Pending", "Available", and "Not Available"	YES	NO
Receive Date	Date	N/A	Tb_MKT_DocCo mplement.Recei veDate	Format "MM/dd/yyyy"	YES	NO

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Due Date	Date	N/A	Tb_MKT_DocCo mplement.DueD ate	Format "MM/dd/yyyy"	YES	NO
Remarks	Varchar	100	Tb_MKT_DocCo mplement.Rema rks		YES	NO
Created By	Varchar	50	Tb_MKT_DocCo mplement.Creat edBy		NO	YES
Created Date	DateTim e	N/A	Tb_MKT_DocCo mplement.Creat edDate		NO	YES
Last Modified By	Varchar	50	Tb_MKT_DocCo mplement.LastM odifiedBy		YES	NO
LastModified Date	DateTim e	N/A	Tb_MKT_DocCo mplement.LastM odifiedDate		YES	NO

Tb_MKT_DocComplementList

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MKT_ DocComple mentList	Integer	N/A	Tb_MKT_DocCo mplementList.Id Tb_MKT_DocCo mplementList	Primary Key	NO	YES
Doc Category Code	Varchar	20	Tb_MKT_DocCo mplementList.D ocCategoryCode		NO	YES
Doc Category Description	Varchar	50	Tb_MKT_DocCo mplementList. DocCategoryCod e		YES	NO
Doc Name Code	Varchar	20	Tb_MKT_DocCo mplementList.D ocNameCode		NO	YES
Doc Name Description	Varchar	50	Tb_MKT_DocCo mplementList. DocNameDescri ption		YES	NO
IsDelete	Boolean	N/A	Tb_MKT_DocCo mplementList. IsDelete		NO	YES
RemarksSys	Varchar	100	Tb_MKT_DocCo mplementList.R emarksSys		YES	NO
Created By	Varchar	50	Tb_MKT_DocCo mplementList.Cr eatedBy		NO	YES

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Created Date	DateTim e	N/A	Tb_MKT_DocCo mplementList.Cr eatedDate	NO	YES
Last Modified By	Varchar	50	Tb_MKT_DocCo mplementList.La stModifiedBy	YES	NO
LastModified Date	DateTim e	N/A	Tb_MKT_DocCo mplementList.La stModifiedDate	YES	NO

3.9 Screen Item List

PF.AB.4.4 Complement Document

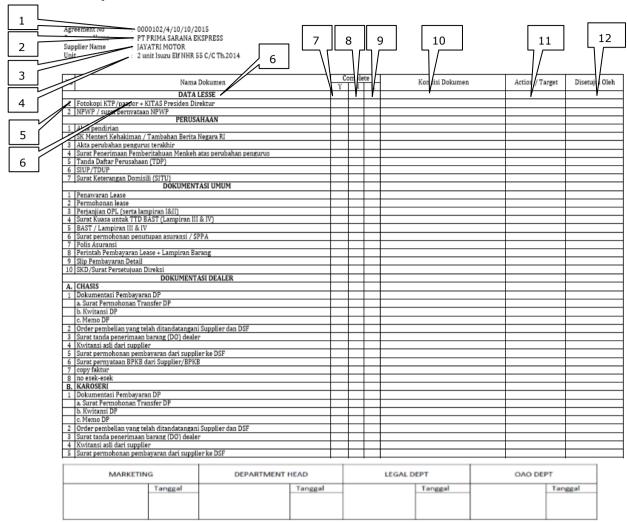
No	Content	Description	Source	Remarks
1	Agreement No	Agreement No	OPLAgreement.Agreem entNumber	Where Tb_MKT_DocComplement.IdT b_OPLAgreement = OPLAgreement.IdOPLAgreeme nt
2	Customer Name	Customer Name	OPLAgreement.Custom erCode	Where Tb_MKT_DocComplement.IdT b_OPLAgreement = OPLAgreement.IdOPLAgreeme nt
3	Supplier Name	Supplier Name	Supplier.IdSupplier	Where Tb_MKT_DocComplement.IdT b_MKT_SKD = idTb_MKT_SKD.IdTb_MKT_SK D AND Tb_MKT_SKD.IdSupplier = Supplier.IdSupplier
4	Unit	Unit	Tb_MKT_SKD_Dtl.Qty	Where Tb_MKT_DocComplement.IdT b_MKT_SKD = idTb_MKT_SKD.IdTb_MKT_SK D AND Tb_MKT_SKD.
5	No	Doc Code	Tb_MKT_DocCompleme ntList	Where Tb_MKT_DocComplementList. IdTb_MKT_DocComplementLis t = Tb_MKT_DocComplement. IdTb_MKT_DocComplementLis

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	I	1		
				t AND Tb_MKT_DocComplementList.
	N D I	D. N	TI MICE D. C. I	LeaseCategory = OPI
6	Nama Dokumen	Doc Name	Tb_MKT_DocCompleme ntList	Where Tb_MKT_DocComplementList. IdTb_MKT_DocComplementLis t = Tb_MKT_DocComplement. IdTb_MKT_DocComplementLis t
7	Υ	Available	Tb_MKT_DocCompleme nt	((Select ItemValuesName from OptionItemValues where OptionItems.OptionItemName ="Complement Document Status") == Tb_MKT_DocComplement.Doc Status)
8	N	Not Available	Tb_MKT_DocCompleme nt	((Select ItemValuesName from OptionItemValues where OptionItems.OptionItemName ="Complement Document Status") == Tb_MKT_DocComplement.Doc Status)
9	R	Pending	Tb_MKT_DocCompleme nt	(Select ItemValuesName from OptionItemValues where OptionItems.OptionItemName = "Complement Document Status") == Tb_MKT_DocComplement.Doc Status)
10	Kondisi Dokumen	Remarks	Tb_MKT_DocCompleme nt	Tb_MKT_DocComplement.Re marks
11	Action / Target	Due Date	Tb_MKT_DocCompleme nt	Tb_MKT_DocComplement.Due Date
12	Disetujui Oleh	Empty	-	-

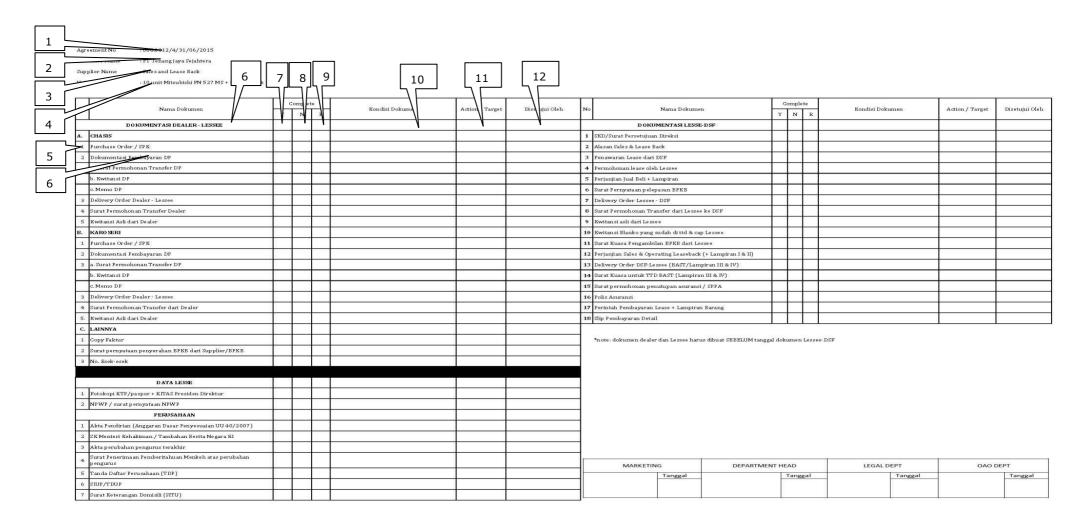
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PF.AB.4.4 Complement Document



Screen 2. Print Form Complement Document - Normal

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Screen 3. Print Form Complement Document - Leaseback

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3.10 Entity Relationship Diagram

