Operating Lease Support System Phase-2 Project for

DIPO STAR FINANCE
Solusi Kredit Otomotif Terpercaya

Functional Specification

FC.AB.3.2 Approval Agreement

Revision 2.0

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Project Code :	TM15404A
Project Name :	Operating Lease Support System Phase-2

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Mr. Roby Wijaya	Dipo Star Finance, PT	DSF PMO
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Mr. Raymond	Berlian Sistem Informasi, PT	BSI Technical Leader/ BSI Business Analyst

Project Code :	TM15404A
Project Name :	Operating Lease Support System Phase-2

Document Approval

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

Role	Name	Signature	Date
DSF Project Director	Mr. Yutaro Sanada		
DSF IT Advisor	Mr. Shinya Tsukamoto		
DSF IT Advisor	Mr. Ahmad Fikri		
DSF Biz. Operation Leader	Mr. Abdul Somad		
DSF PMO	Mr. Roby Wijaya		
BSI Project Director	Mr. Daiki Kamada		
BSI Project Manager	Mr. Grand Zah Putra		
BSI Technical Leader/ BSI Business Analyst	Mr. Raymond		

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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.3.2 Approval Agreement for Phase-2

Here are the scope for FC.AB.3.2 Approval Agreement

1. **AB.3.2.1 Check Agreement**

   To check an Agreement

2. **AB.3.2.2 Approve Agreement**

   To approve an Agreement (the function is the same with Check)

3. **AB.3.2.7 Revise Agreement**

   To revise an Agreement

Output from this functions is:

N/A

1.3 Definition, Acronyms, and Abbreviations

1. OPL = Operating Lease
2. DSF = Dipo Star Finance
3. BSI = Berlian Sistem Informasi
4. MO = Marketing Officer
5. HOD = Head of Department

1.4 References

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

1. AB.3. Operating Lease Agreement
   - AB.3.2 Operating Lease Agreement Approval

2. Configuration

- N/A

3. Specification Detail: FC.AB.3.2 Approval Agreement

3.1. Purpose

The screens used in Approval Agreement are used to Check, Approve, and Revise the Agreement and generate an output as a print form of the Agreement Form.

3.2. Screen of Configuration Access

Here are the access right for users:

User	***Check***	***Approve***	**Revise**	**Authorization**
Admin	-	-	-	-
Marketing Officer	v	-	v	v
Head of Department	v	-	v	v
President Director	-	v	v	v

Legend :

v = Have the Access

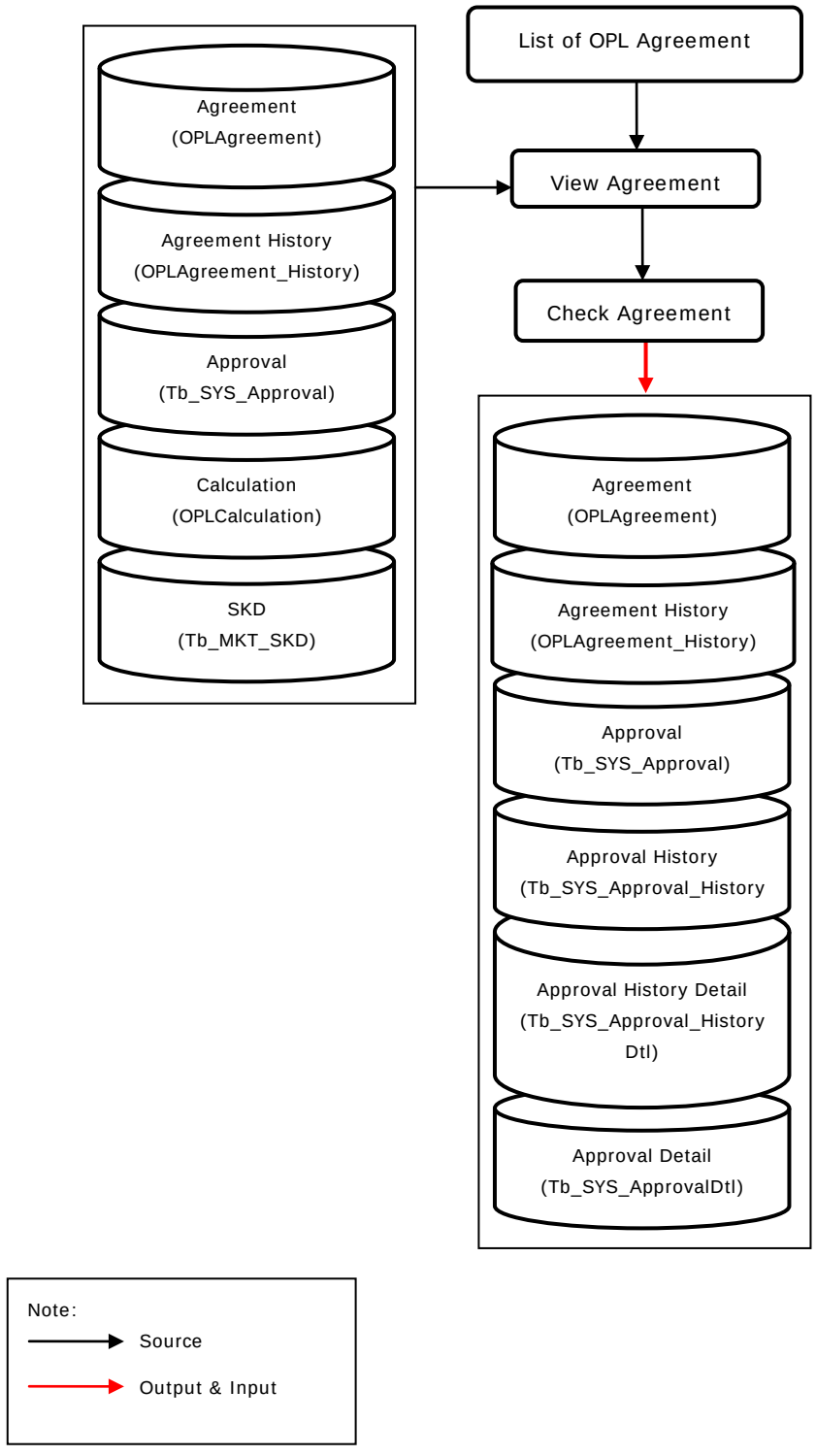
Note :
1. Check : related to Checking of Agreement
2. Approve : related to Approval of Agreement
3. Revise : related to Revision of Agreement
4. Autorization : related to access screen of Agreement Approval

3.3. Screen Functionality

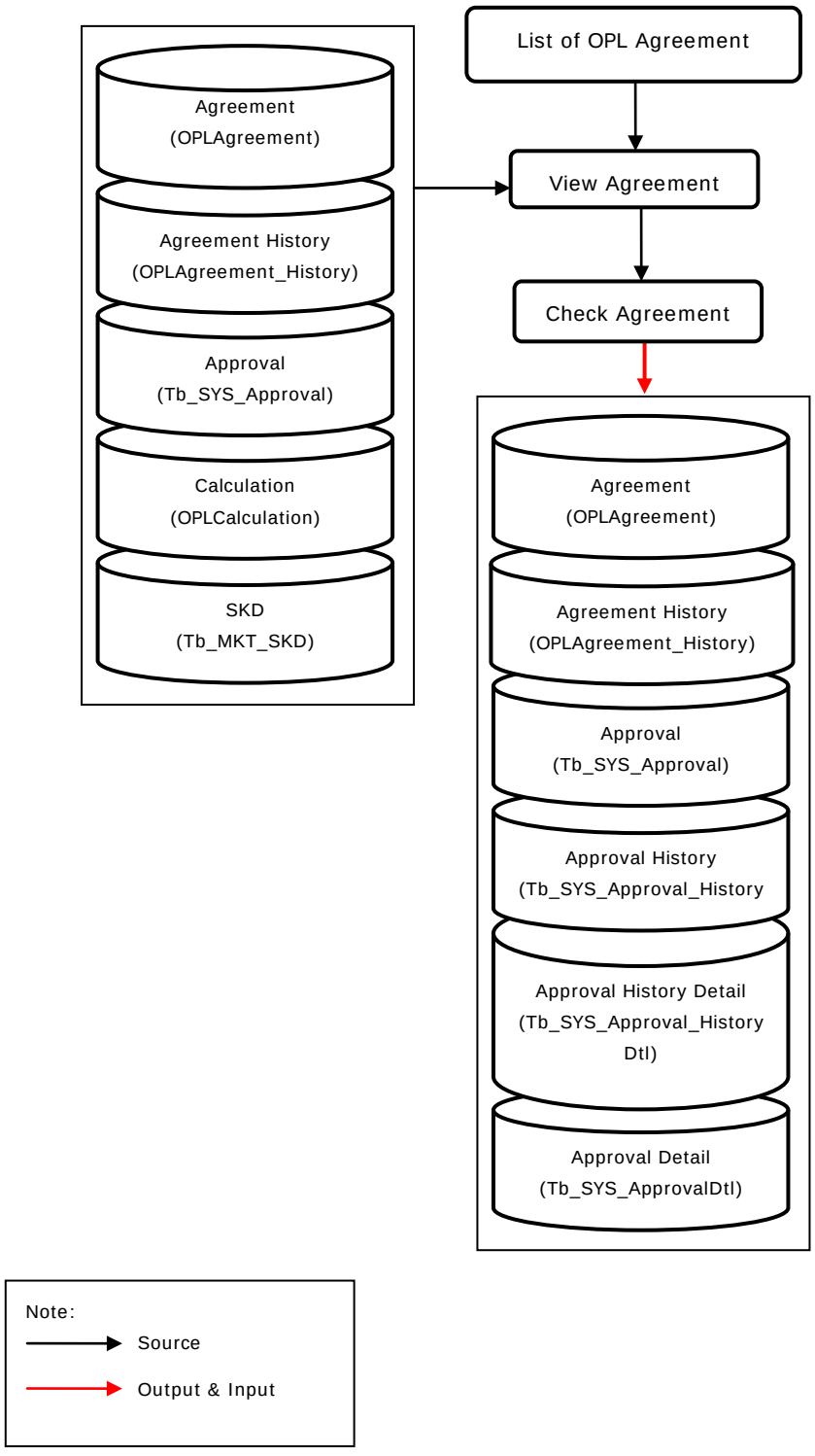
1. Check Agreement
2. Approve Agreement
3. Revise Agreement

3.4. Operation Flow

Below is operation flow for approval process (Check Agreement) refer to **To Be Design Document Marketing Process**, **AB.3 Operating Lease Agreement**:

Roles	Check Agreement
MO	

HOD



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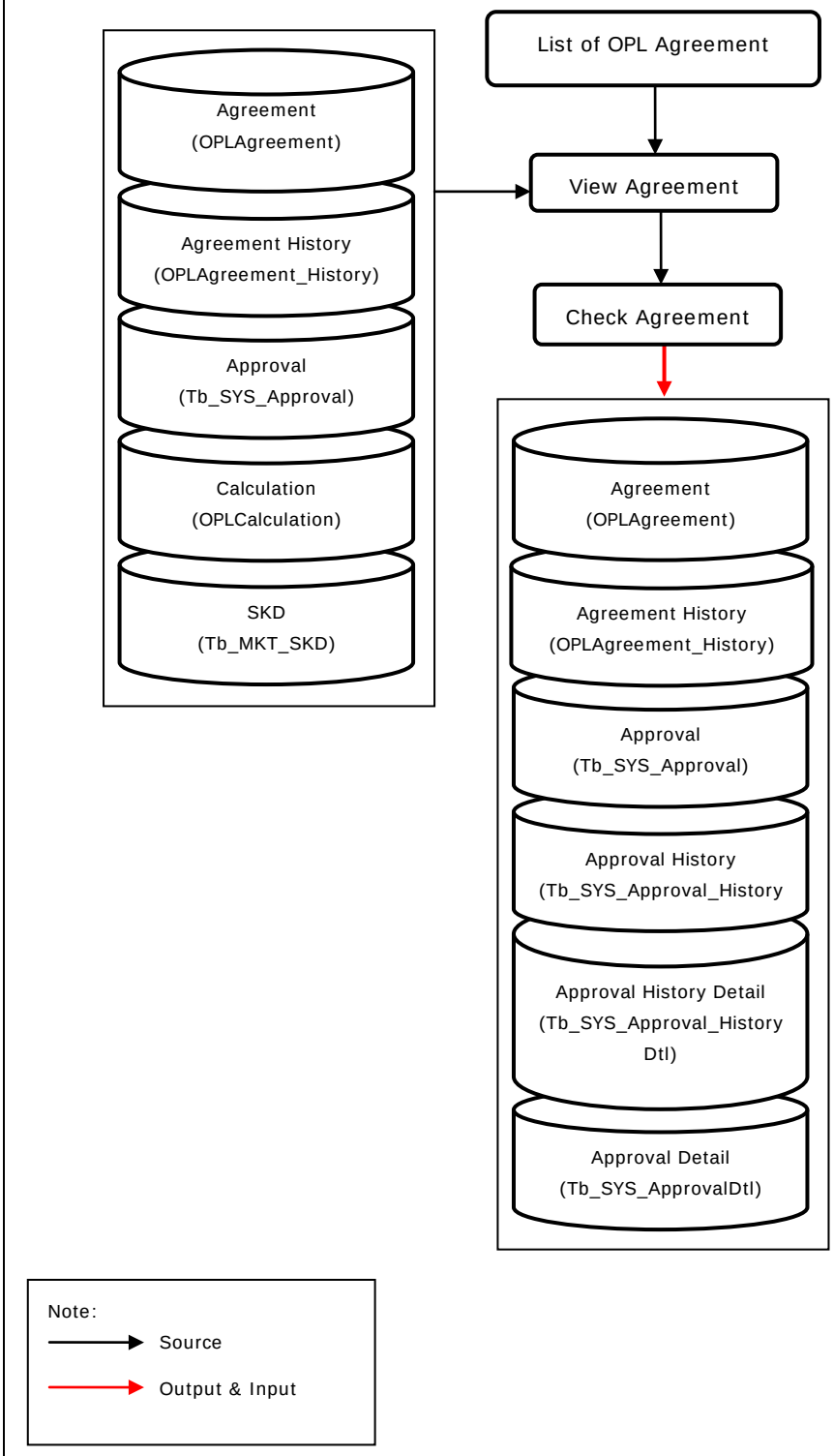
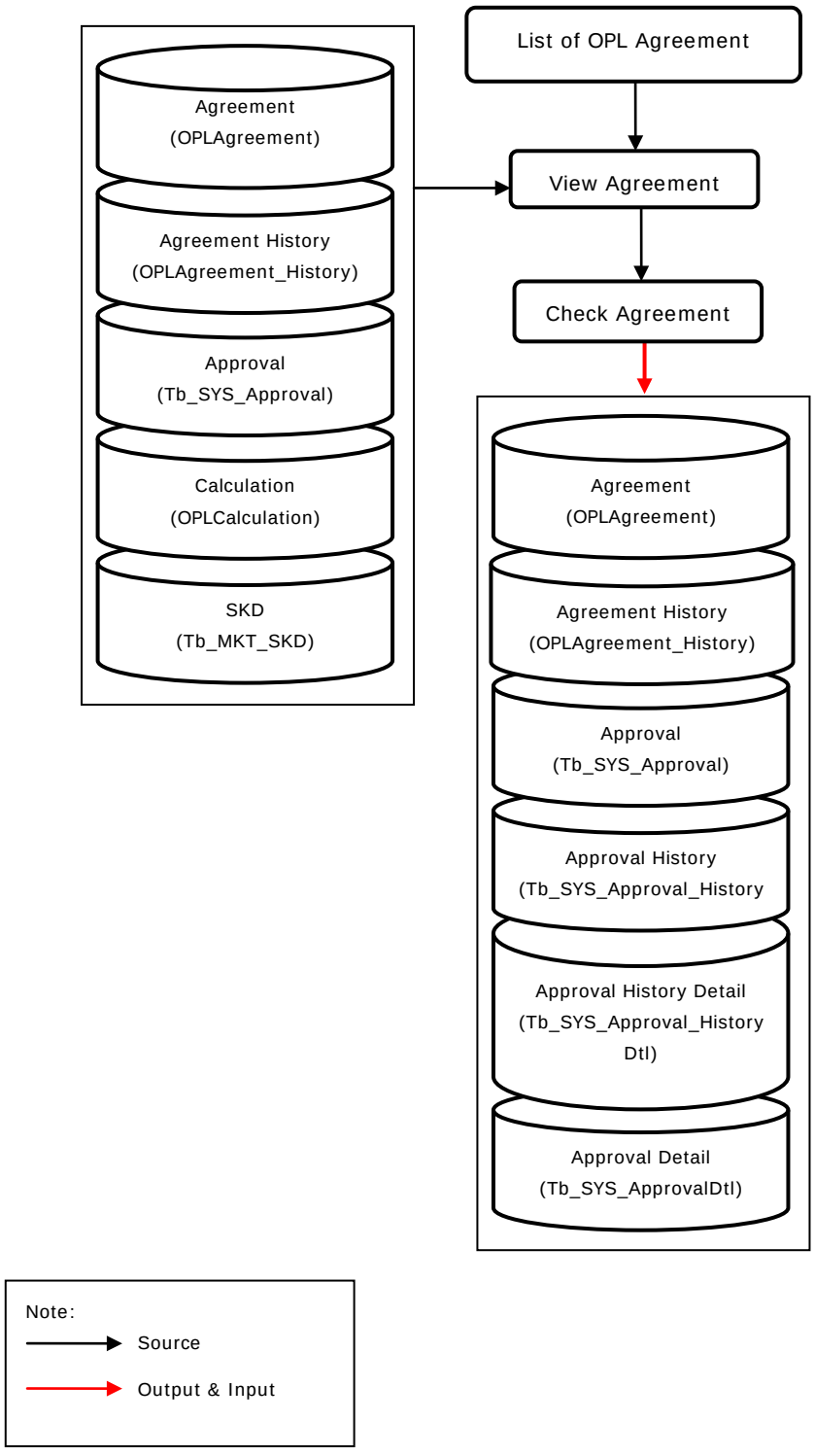
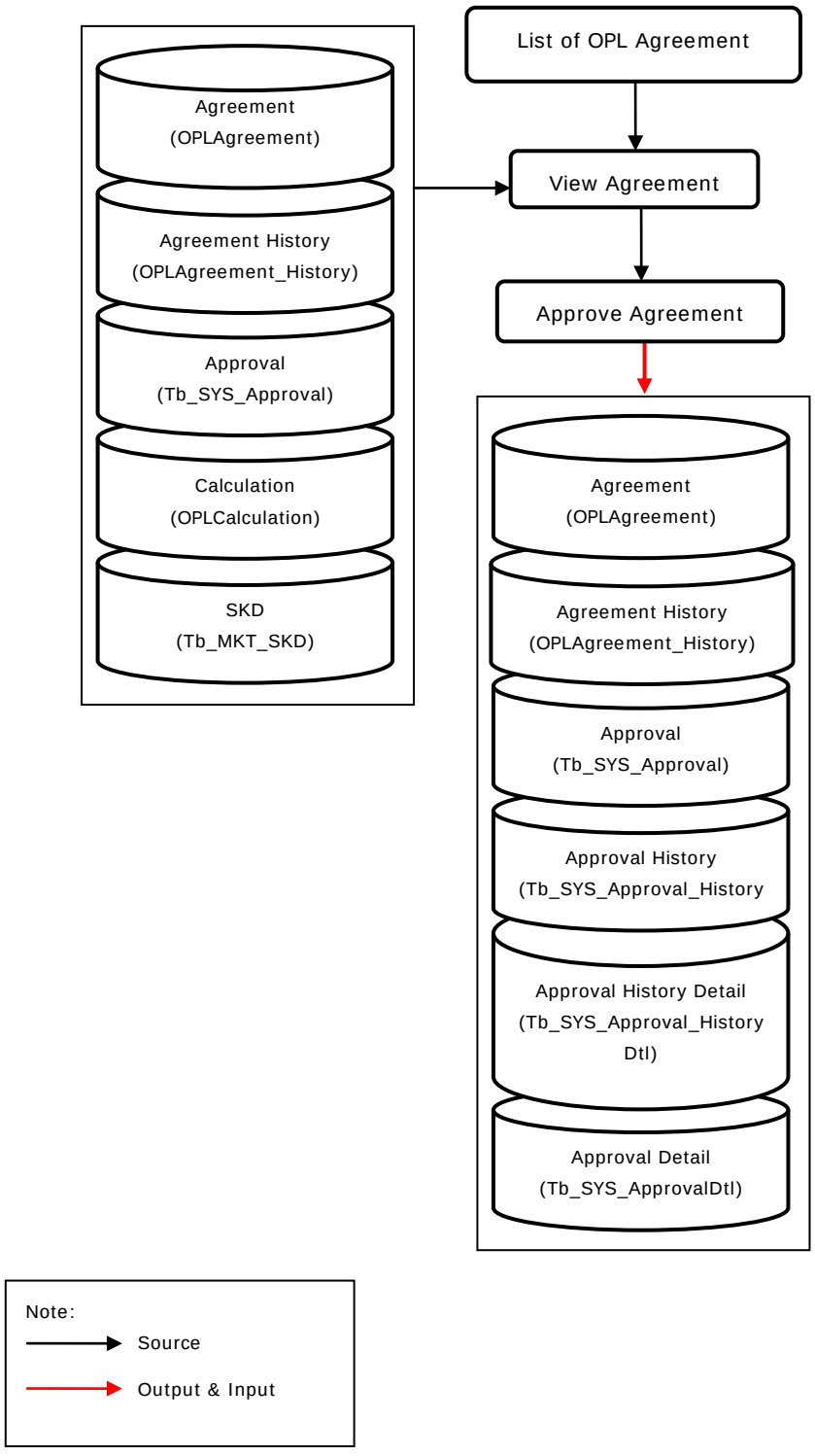
Below is operation flow for approval process (Approve Agreement) refer to **To Be Design Document Marketing Process**, **AB.3 Operating Lease Agreement**:

Roles	Approve Agreement
MO	

HOD


List of OPL Agreement
View Agreement
Check Agreement
Agreement
(OPLAgreement)
Agreement History
(OPLAgreement_History)
Approval
(Tb_SYS_Approval)
Calculation
(OPLCalculation)
SKD
(Tb_MKT_SKD)
Agreement
(OPLAgreement)
Agreement History
(OPLAgreement_History)
Approval
(Tb_SYS_Approval)
Approval History
(Tb_SYS_Approval_History
Approval History Detail
(Tb_SYS_Approval_History
Dtl)
Approval Detail
(Tb_SYS_ApprovalDtl)
Note:
Source
Output & Input

President Director



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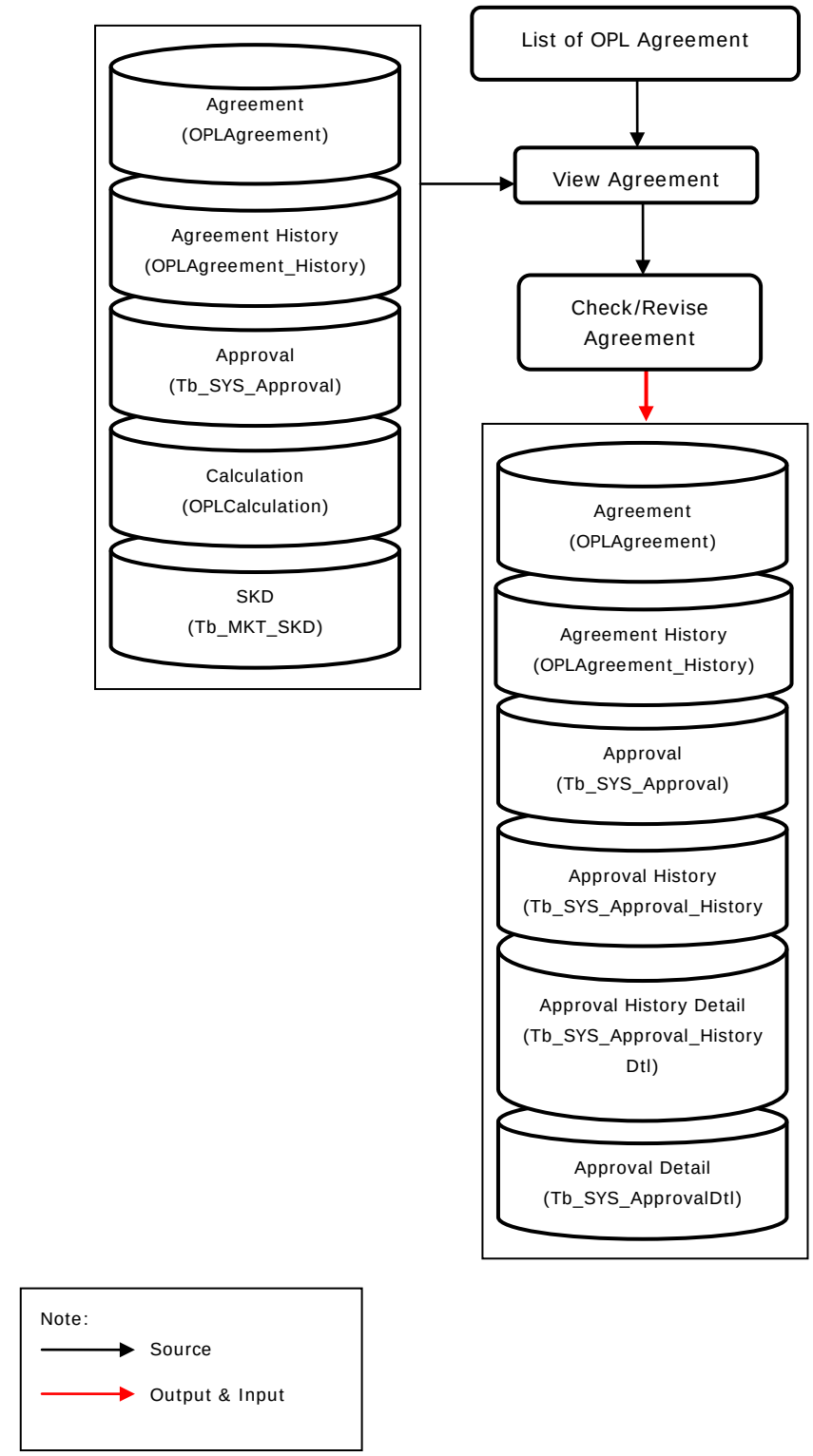
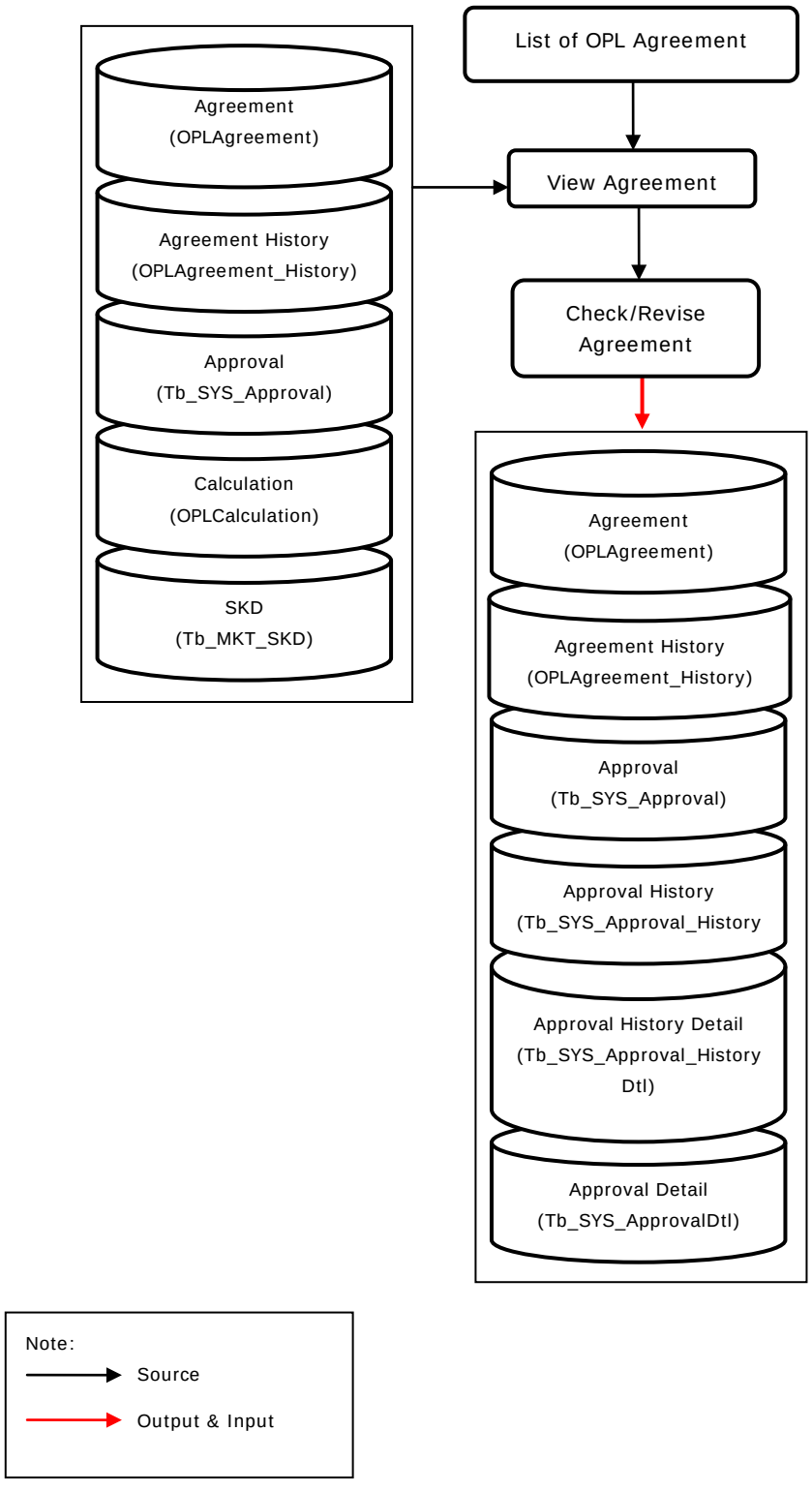
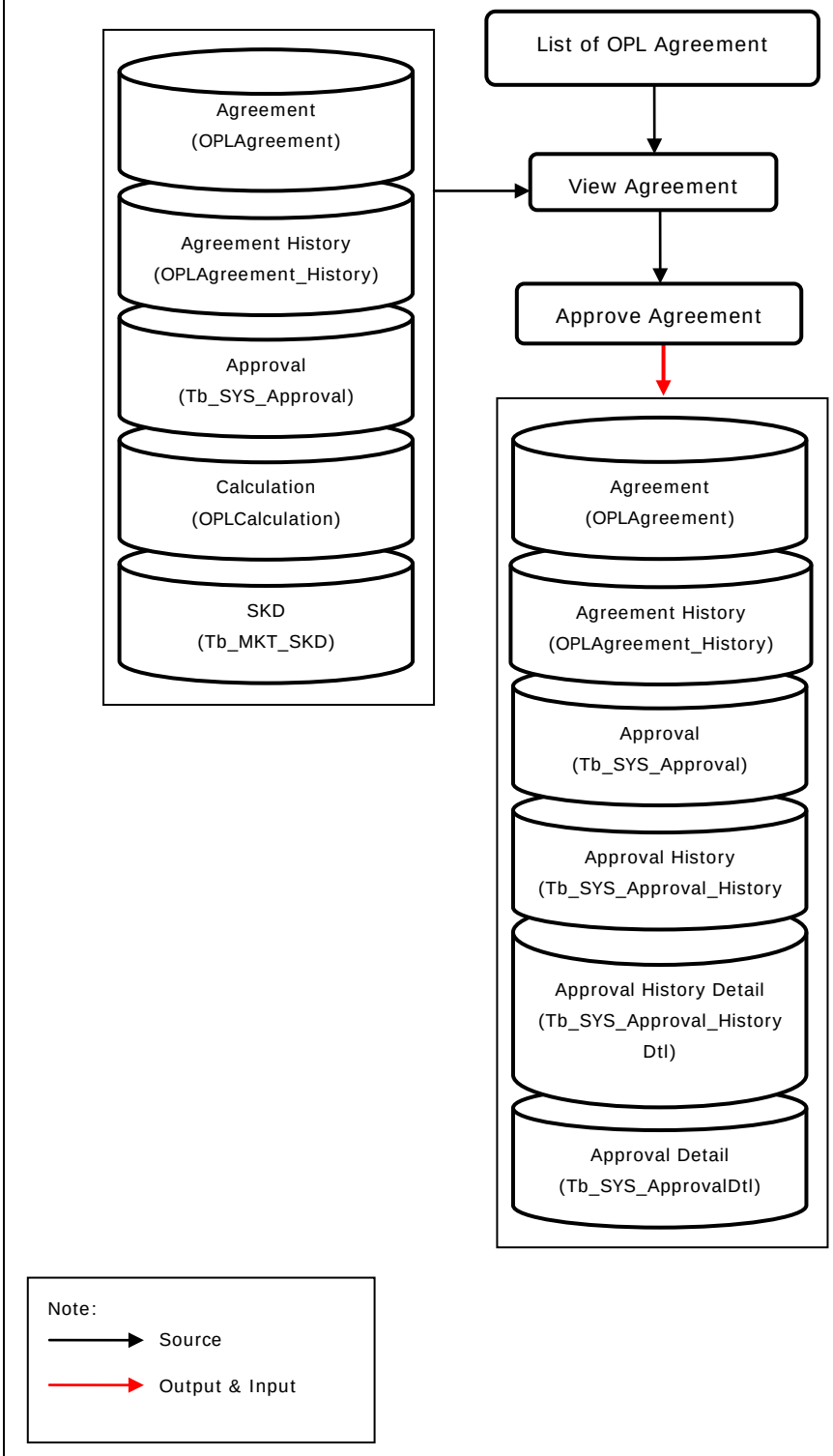
Below is operation flow for approval process (Revise Agreement) refer to **To Be Design Document Marketing Process**, **AB.3 Operating Lease Agreement**:

Roles	Revise Agreement
MO	

HOD

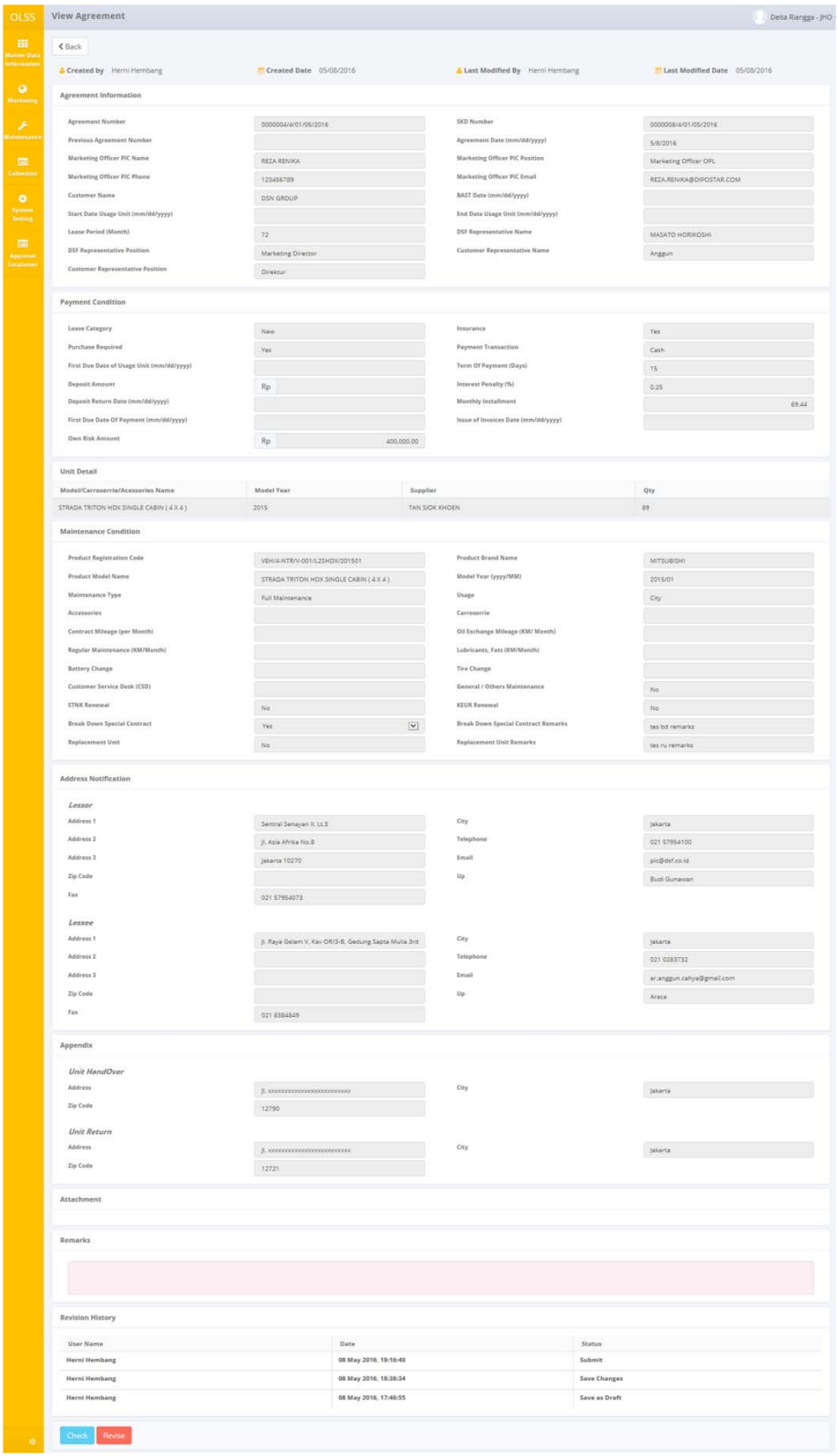

List of OPL Agreement
View Agreement
Check/Revise Agreement
Agreement (OPLAgreement)
Agreement History (OPLAgreement_History)
Approval (Tb_SYS_Approval)
Calculation (OPLCalculation)
SKD (Tb_MKT_SKD)
Agreement (OPLAgreement)
Agreement History (OPLAgreement_History)
Approval (Tb_SYS_Approval)
Approval History (Tb_SYS_Approval_History
Approval History Detail (Tb_SYS_Approval_History Dtl)
Approval Detail (Tb_SYS_ApprovalDtl)
Note:
Source
Output & Input

President Director



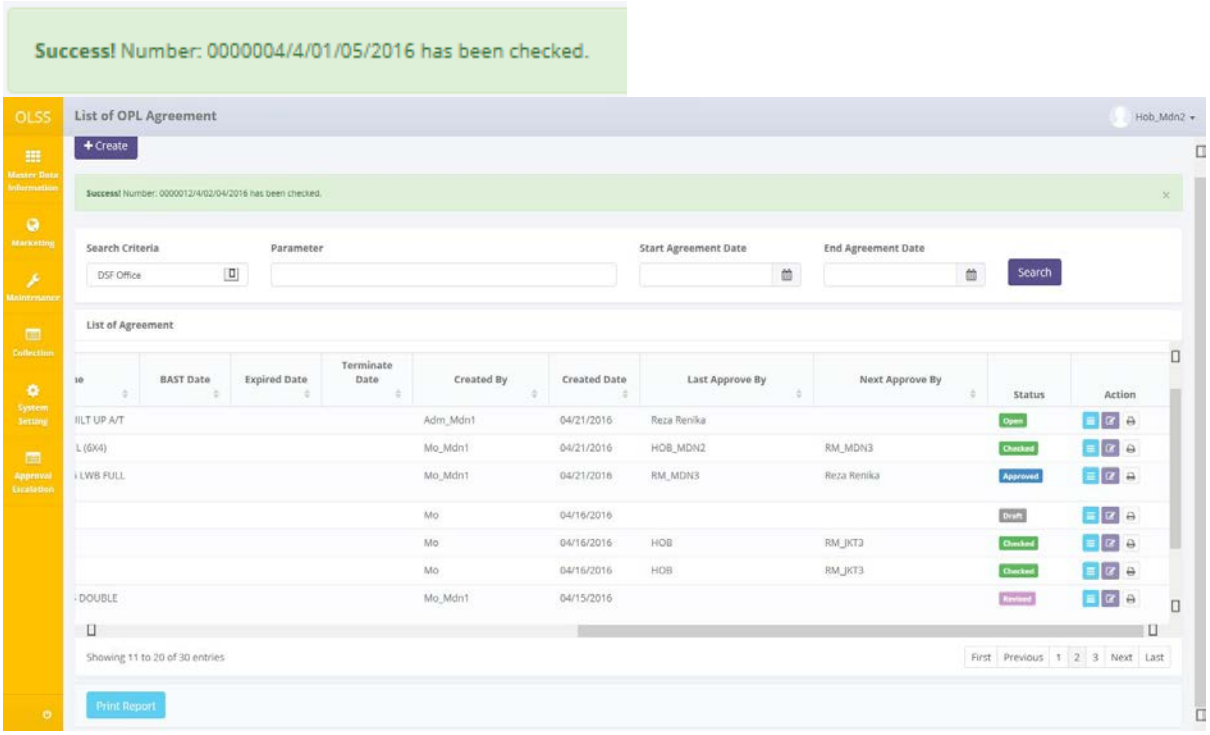
3.5. Screen Design

- *View Agreement (for approval)*



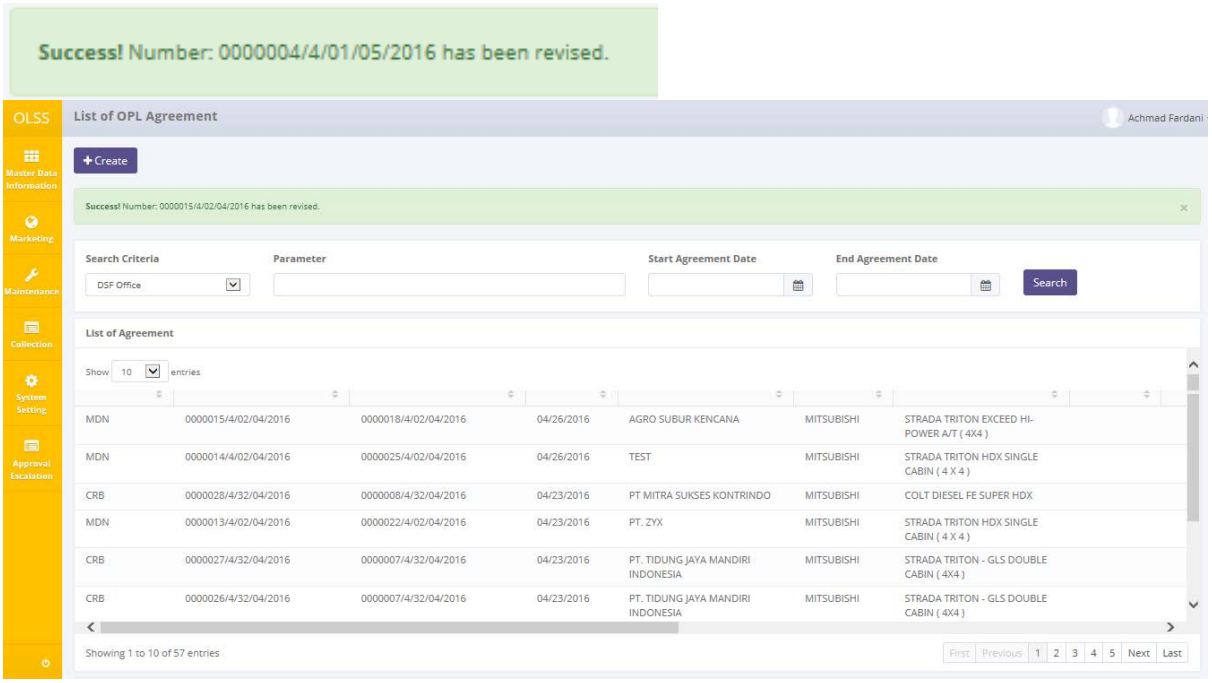
Screen 4. View Agreement

- *Notification After Check*



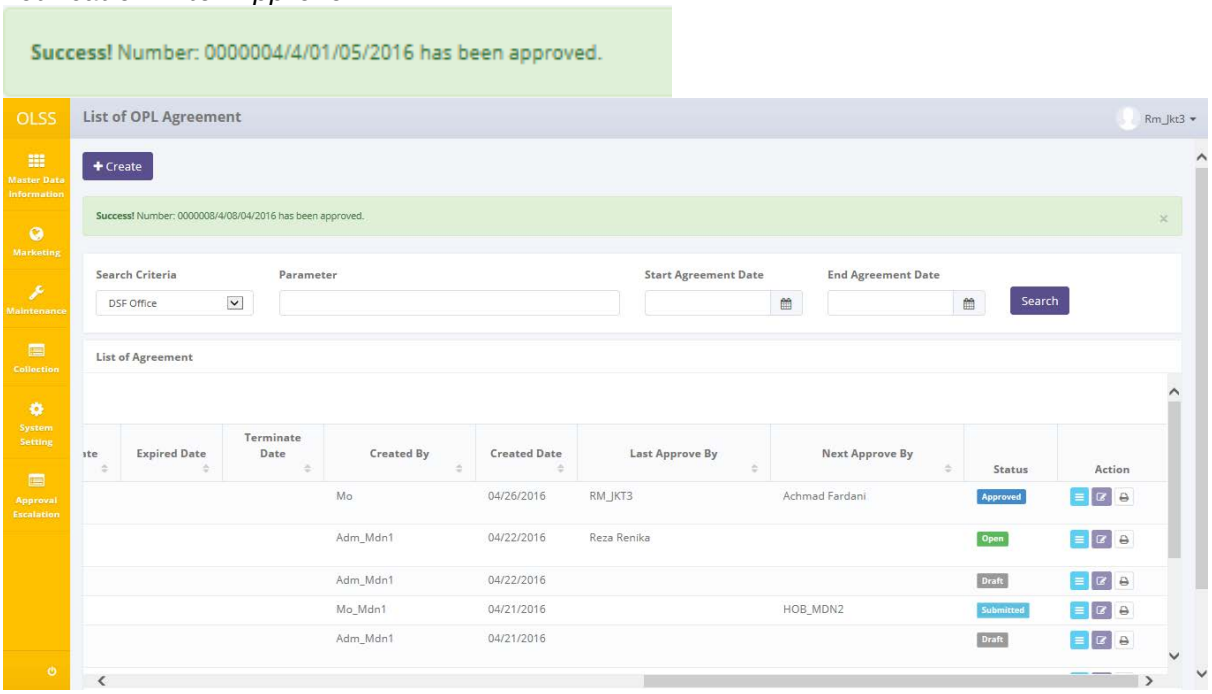
Screen 5. List of OPL Agreement after check

- *Notification After Revise*



Screen 6. List of OPL Agreement after Revise

- *Notification After Approve*



Screen 7. List of OPL Agreement after Approve

3.6. Component Screen Functionality

a. View Agreement (for approval)

Here are the screen functions from each component in **Screen 1. View Agreement (for approval)**:

No	Component	Name	Function
Header			
1	Label	View Agreement	View Agreement title
2	Button	Back	Back to previous screen; List of OPL Agreement
3	Label	Created By	Displaying agreement Created By
4	Label	Created Date	Displaying agreement Created Date
5	Label	Last Modified By	Displaying agreement Last Modified By
6	Label	Last Modified Date	Displaying agreement Last Modified Date
Agreement Information			
7	Text Field	Agreement Number	Displaying OPL Agreement Number (agreement number created after agreement has been saved)
8	Text Field	SKD Number	Displaying SKD Number that use as reference document

9	Text Field	Previous Agreement Number	Displaying Previous Agreement Number (for novation or rescheduled)
10	Text Field	Agreement Date (mm/dd/yyyy)	Displaying Agreement Date creation with format mm/dd/yyyy
11	Text Field	Marketing Officer PIC Name	To display Marketing Officer PIC Name
12	Text Field	Marketing Officer PIC Position	To display Marketing Officer PIC Position
13	Text Field	Marketing Officer PIC Phone	To display Marketing Officer PIC Phone
14	Text Field	Marketing Officer PIC Email	To display Marketing Officer PIC Email
15	Text Field	Customer Name	To display Customer Name
16	Text Field	BAST Date (mm/dd/yyyy)	To display BAST Date with format mm/dd/yyyy
17	Text Field	Start Date Usage Unit (mm/dd/yyyy)	To display Start Date Usage Unit (displayed if BAST has been created; Start Date Usage Unit = BAST Date)
18	Text Field	End Date Usage Unit (mm/dd/yyyy)	To display End Date Usage Unit (displayed if BAST has been created; End Date Usage Unit = Start Date Usage Unit + Lease Period)
19	Text Field	Lease Period (Month)	To display lease period on month from calculation data
20	Text Field	DSF Representative Name	To display DSF Representative Name
21	Text Field	DSF Representative Position	To display DSF Representative Position
22	Text Field	Customer Representative Name	To display Customer Representative Name
23	Text Field	Customer Representative Position	To display Customer Representative Position
Payment Condition			
24	Text Field	Lease Category	To display Lease Category from calculation data
25	Text Field	Insurance	To display Insurance from calculation data
26	Text Field	Purhase Required	To display Purchase Required from calculation data
27	Text Field	Payment Transaction	To display Payment Transaction from calculation data
28	Text Field	First Due Date of Usage Unit (mm/dd/yyyy)	To display First Due Date of Usage Unit (displayed if BAST has been created; First Due Date of Usage

			Unit = Start Date Usage Unit + 30 days)
29	Text Field	Term Of Payment (Days)	To display TOP on days from calculation data
30	Text Field	Deposit Amount	To display Deposit Amount
31	Text Field	Interest Penalty (%)	To display Interest Penalty with default 0.25
32	Text Field	Deposit Return Date (mm/dd/yyyy)	Displaying Deposit Return Date with format mm/dd/yyyy
33	Text Field	Monthly Installment	Displaying Monthly Installment Amount per unit from calculation data
34	Text Field	First Due Date of Payment (mm/dd/yyyy)	To display First Due Date of Payment (displayed if BAST has been created; First Due Date of Payment = First Due Date of Usage Unit + Term of Payment)
35	Text Field	Issue of Invoices Date (mm/dd/yyyy)	Displaying Issue of Invoices Date with format mm/dd/yyyy
36	Text Field	Own Risk Amount	Displaying Own Risk Amount/Insurance Claim Amount
Unit Detail			
37	Text Field	Model/Carroserie/Accessories Name	To display name of Product Model, Carroserie, and/or Accessories that has been chosen from SKD data
38	Text Field	Model Year	To display Product Model Year from SKD data
39	Text Field	Supplier	To display supplier's name from SKD data
40	Text Field	Qty	To display quantity of unit/carroserie/accessories in this agreement (it must be ≥ 1)
Maintenance Condition			
41	Text Field	Product Registration Code	To display Product Registration Code from calculation data
42	Text Field	Product Brand Name	To display Product Brand Name from master data
43	Text Field	Product Model Name	To display Product Model Name from master data
44	Text Field	Model Year (yyyy/MM)	To display Product Model Year with format yyyy/MM from master data
45	Text Field	Maintenance Type	To display Maintenance Type from calculation data

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46	Text Field	Usage	To display Usage from calculation data
47	Text Field	Accessories	To display Accessories name from SKD data
48	Text Field	Carroserrie	To display Carroserrie name from SKD data
49	Text Field	Contract Mileage (per Month)	To display Contract Mileage from calculation data
50	Text Field	Oil Exchange Mileage (KM/ Month)	To display Oil Exchange Mileage
51	Text Field	Regular Maintenance (KM/Month)	To display Regular Maintenance
52	Text Field	Lubricants, Fats (KM/Month)	To display Lubricants, Fats
53	Text Field	Battery Change	To display Battery Change
54	Text Field	Tire Change	To display Tire Change
55	Text Field	Customer Service Desk (CSD)	To display Customer Service Desk
56	Text Field	General / Others Maintenance	To display General / Others Maintenance
57	Text Field	STNK Renewal	To display STNK Renewal from calculation data
58	Text Field	KEUR Renewal	To display KEUR Renewal from calculation data
59	Text Field	Break Down Special Contract	To display Break Dawn Special Contract
60	Text Field	Break Down Special Contract Remarks	To display Break Dawn Special Contract Remarks
61	Text Field	Replacement Unit	To display Replacement Unit
62	Text Field	Replacement Unit Remarks	To display Replacement Unit Remarks
Address Notification			
63	Label	Lessor	Lessor sub title
64	Text Field	Address 1	To display Lessor Address 1 (1st office address lessor)
65	Text Field	Address 2	To display Lessor Address 2 (2nd office address lessor; if any)
66	Text Field	Address 3	To display Lessor Address 3 (3rd office address lessor; if any)
67	Text Field	Zip Code	To display Lessor Zip Code
68	Text Field	Fax	To display Lessor Fax
69	Text Field	City	To display Lessor City
70	Text Field	Telephone	To display Lessor Telephone number

71	Text Field	Email	To display Lessor Email address
72	Text Field	Up	To display Lessor UP (PIC lessor)
73	Label	Lessee	Lessee sub title
74	Text Field	Address 1	To display Lessee Address 1 (1st office address lessee)
75	Text Field	Address 2	To display Lessee Address 2 (2nd office address lessee; if any)
76	Text Field	Address 3	To display Lessee Address 3 (3rd office address lessee; if any)
77	Text Field	Zip Code	To display Lessee Zip Code
78	Text Field	Fax	To display Lessee Fax
79	Text Field	City	To display Lessee City
80	Text Field	Telephone	To display Lessee Telephone number
81	Text Field	Email	To display Lessee Email address
82	Text Field	Up	To display Lessee UP (PIC lessee)
Appendix			
83	Text Field	Unit HandOver	Unit HandOver sub title
84	Text Field	Address	To display handover location address
85	Text Field	Zip Code	To display handover location zip code
86	Text Field	City	To display handover location city
87	Text Field	Unit Return	Unit Return sub title
88	Text Field	Address	To display unit return location address
89	Text Field	Zip Code	To display unit return location zip code
90	Text Field	City	To display unit return location city
Attachment			
91	Label	Attachment	To display the attached file name (if any attachment)
92	Button	Download	To download attached files (if any attachment)
Remarks			
93	Text Field	Remarks	To input remarks/note about agreement approval
Revision History			

94	Label	User Name	Displaying user name who perform revisiom from agreement history
95	Label	Date	Displaying revision date from agreement history
96	Label	Status	Displaying revision status from agreement history
Footer			
97	Button	Check	To check agreement document
98	Button	Revise	Sending agreement document back to user who propose the document to revise it
99	Button	Approve	To approve agreement document

3.7. Operation Description

<table>
<tr><th>No.</th><th>Operation Name</th><th>Description</th></tr>
<tr><td>1</td><td>Initial view of View Agreement (for approval)</td><td>The screen for View Agreement:
1. Status component;
<table>
<tr><th>Component</th><th>Name/Caption</th><th>Status</th><th>Remark</th></tr>
<tr><td>Label</td><td>View Agreement</td><td>Not Active</td><td></td></tr>
<tr><td>Label</td><td>Created By</td><td>Not Active</td><td></td></tr>
<tr><td>Label</td><td>Created Date</td><td>Not Active</td><td></td></tr>
<tr><td>Label</td><td>Last Modified By</td><td>Not Active</td><td></td></tr>
<tr><td>Label</td><td>Last Modified Date</td><td>Not Active</td><td></td></tr>
<tr><td>Button</td><td>Back</td><td>Active</td><td></td></tr>
<tr><td>Text Field</td><td>Agreement Number</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>SKD Number</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Previous Agreement Number</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Agreement Date (mm/dd/yyyy)</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Marketing Officer PIC Name</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Marketing Officer PIC Position</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Marketing Officer PIC Phone</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Marketing Officer PIC Email</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>Customer Name</td><td>Not Active</td><td></td></tr>
<tr><td>Text Field</td><td>BAST Date (mm/dd/yyyy)</td><td>Not Active</td><td>Displayed if BAST on modul Unit Management has been created</td></tr>
<tr><td>Text Field</td><td>Start Date Usage Unit (mm/dd/yyyy)</td><td>Not Active</td><td>Start Date Usage Unit =</td></tr>
</table></td></tr>
</table>

						BAST Date
			Text Field	End Date Usage Unit (mm/dd/yyyy)	Not Active	End Date Usage Unit = Start Date Usage Unit + Lease Period
			Text Field	Lease Period (Month)	Not Active	
			Text Field	DSF Representative Name	Not Active	
			Text Field	DSF Representative Position	Not Active	
			Text Field	Customer Representative Name	Not Active	
			Text Field	Customer Representative Position	Not Active	
			Text Field	Lease Category	Not Active	
			Text Field	Insurance	Not Active	
			Text Field	Purhase Required	Not Active	
			Text Field	Payment Transaction	Not Active	
			Text Field	First Due Date of Usage Unit (mm/dd/yyyy)	Not Active	First Due Date of Usage Unit = Start Date Usage Unit + 30 days
			Text Field	Term Of Payment (Days)	Not Active	
			Text Field	Deposit Amount	Not Active	
			Text Field	Interest Penalty (%)	Not Active	Displayed with default value 0.25
			Text Field	Deposit Return Date (mm/dd/yyyy)	Not Active	
			Text Field	Monthly Installment	Not Active	
			Text Field	First Due Date of Payment (mm/dd/yyyy)	Not Active	First Due Date of Payment = First Due Date of Usage Unit + Term of Payment
			Text Field	Issue of Invoices Date (mm/dd/yyyy)	Not Active	
			Text Field	Own Risk Amount	Not Active	
			Text Field	Model/Carroserie/Accessories Name	Not Active	
			Text Field	Model Year	Not Active	
			Text Field	Supplier	Not Active	
			Text Field	Qty	Not Active	
			Text Field	Product Registration Code	Not Active	
			Text Field	Product Brand Name	Not Active	
			Text Field	Product Model Name	Not Active	
			Text Field	Model Year (yyyy/MM)	Not Active	
			Text Field	Maintenance Type	Not Active	
			Text Field	Usage	Not Active	
			Text Field	Accessories	Not Active	
			Text Field	Carroserrie	Not Active	
			Text Field	Contract Mileage (per Month)	Not Active	

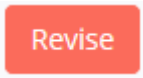
			Text Field	Oil Exchange Mileage (KM/ Month)	Not Active	
			Text Field	Regular Maintenance (KM/Month)	Not Active	
			Text Field	Lubricants, Fats (KM/Month)	Not Active	
			Text Field	Battery Change	Not Active	
			Text Field	Tire Change	Not Active	
			Text Field	Customer Service Desk (CSD)	Not Active	
			Text Field	General / Others Maintenance	Not Active	
			Text Field	STNK Renewal	Not Active	
			Text Field	KEUR Renewal	Not Active	
			Text Field	Break Down Special Contract	Not Active	
			Text Field	Break Down Special Contract Remarks	Not Active	
			Text Field	Replacement Unit	Not Active	
			Text Field	Replacement Unit Remarks	Not Active	
			Label	Lessor	Not Active	
			Text Field	Address 1	Not Active	
			Text Field	Address 2	Not Active	
			Text Field	Address 3	Not Active	
			Text Field	Zip Code	Not Active	
			Text Field	Fax	Not Active	
			Text Field	City	Not Active	
			Text Field	Telephone	Not Active	
			Text Field	Email	Not Active	
			Text Field	Up	Not Active	
			Label	Lessee	Not Active	
			Text Field	Address 1	Not Active	
			Text Field	Address 2	Not Active	
			Text Field	Address 3	Not Active	
			Text Field	Zip Code	Not Active	
			Text Field	Fax	Not Active	
			Text Field	City	Not Active	
			Text Field	Telephone	Not Active	
			Text Field	Email	Not Active	
			Text Field	Up	Not Active	
			Text Field	Unit HandOver	Not Active	
			Text Field	Address	Not Active	
			Text Field	Zip Code	Not Active	
			Text Field	City	Not Active	
			Text Field	Unit Return	Not Active	
			Text Field	Address	Not Active	
			Text Field	Zip Code	Not Active	
			Text Field	City	Not Active	
			Label	Attachment	Not Active	Displayed if any attachment
			Button	Download	Active	Displayed if any attachment
			Text Field	Remarks	Active	Mandatory

			field with red background
Label	User Name	Not Active	
Label	Date	Not Active	
Label	Status	Not Active	
Button	Check	Active	
Button	Revise	Active	
Button	Approve	Active	

2	Check Agreement	Input: 1. Click on the Check button Constraint: a. Check button will only enable on Checker user screen (without Approve button). There are no Check button and Approve button enabled on one same screen b. Check button and Revise button will be enabled c. The button will only enable for Marketing Officer and Head of Department 2. A pop up will appear and ask for confirmation of choice **"Are you sure you want to Check ?"** 3. Click on Yes Process: 4. Update table OPLAgreement - IdTb_OPL_Status = Current status (get IdTb_OPL_Status from Tb_OPL_Status where StatusCode = "Checked") - TaskId= New Guid - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 5. Create OPLAgreement_History - ProcessID = New Guid - OriginalID = IdOPLAgreement - CreatedDate = current date (DateTime.Now) - CreatedBy = current user - Action = "Checked" 6. Update table Tb_SYS_Approval - IsPassed = 1 - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 7. Create Tb_SYS_Approval_History - ProcessId = New Guid - OriginalId = TaskId (get TaskId from Tb_SYS_Approval) - Action = "Checked" - CreatedBy = current user - CreatedDate = current date (DateTime.Now) 8. Create Tb_SYS_Approval_HistoryDtl - ProcessId = New Guid - IdTb_SYS_Approval = IdTb_SYS_Approval (get IdTb_SYS_Approval from Tb_SYS_Approval)

		- TaskId = TaskId (get TaskId from Tb_SYS_Approval) - IdTb_OPL_Module = IdTb_OPL_Module (get IdTb_OPL_Module from Tb_OPL_Module where ModuleName = 'Agreement') - IdTb_OPL_Branch = IdTb_OPL_Branch (get IdTb_OPL_Branch from Tb_OPL_Branch) - IdTb_OPL_JobTitles = IdTb_OPL_JobTitles (get IdTb_OPL_ JobTitles from Tb_OPL_ JobTitles) - TransactionAmount = TotalMonthlyInstallment (get TotalMonthlyInstallment from OPLAgreement) - RangeAmountBase = RangeAmountBase (get RangeAmountBase from Tb_SYS_ApprovalPath) - RangeAmountLimit = RangeAmountLimit (get RangeAmountLimit from Tb_SYS_ApprovalPath) - OrderNumber = OrderNumber (get OrderNumber from TB_SYS_ApprovalPathDtl) - IsComplete = 0 - IsPassed = 1 - StartActiveDate = current date (DateTime.Now) - IsDelete = 0 - RemarksSys = '' - CreatedBy = current user - CreatedDate = current date (DateTime.Now) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 9. Update table Tb_SYS_ApprovalDtl - IdTb_OPL_Employee = current user (get IdTb_OPL_Employee from Tb_OPL_Employee where EmployeeName = current user) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) Output: 10. The List of Agreement will show the last approval and next approval PIC 11. The List of Agreement will show "Checked" on Status column 12. The last Authorized Person's Approve and Revise buttons will be active and can be approved by passing all other Authorized Person (except the last Authorized Person) in approval hierarchy (refer to *FC.C.1 System Setting*) Alternative: 13. Click on Back button to go back to previous menu (List of OPL Agreement) 14. If the checker is not available to check, the Check authority will move to next Authorized Person above with input the next authorized person in Manual Escalation menus. There will only need an Approve by the Authorized Person who is in the amount limit if all the checker is not available
3	Approve Agreement	Input: 1. Click on the Approve button Constraint: a. Approve button will only enabled on approver user screen (without Check button). There are no Approve button and Check button enabled on one same screen b. Approve button and Revise button will be enabled

		c. The button will only enabled for the user Director or President Director 2. A pop up will appear and ask for confirmation of choice **"Are you sure you want to Approve?"** 3. Click on Yes <u>Process:</u> 4. Update table OPLAgreement - IdTb_OPL_Status = Current status (get IdTb_OPL_Status from Tb_OPL_Status where StatusCode = "Approved") - TaskId= New Guid - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 5. Create OPLAgreement_History - ProcessID = New Guid - OriginalID = IdOPLAgreement - CreatedDate = current date (DateTime.Now) - CreatedBy = current user - Action = "Approved" 6. Update table Tb_SYS_Approval - IsPassed = 1 - IsComplete = 1 - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 7. Update table Tb_SYS_Approval_History - ProcessId = New Guid - OriginalId = TaskId (get TaskId from Tb_SYS_Approval) - Action = "Approved" - CreatedBy = current user - CreatedDate = current date (DateTime.Now) 8. Create Tb_SYS_Approval_HistoryDtl - ProcessId = New Guid - IdTb_SYS_Approval = IdTb_SYS_Approval (get IdTb_SYS_Approval from Tb_SYS_Approval) - TaskId = TaskId (get TaskId from Tb_SYS_Approval) - IdTb_OPL_Module = IdTb_OPL_Module (get IdTb_OPL_Module from Tb_OPL_Module where ModuleName = 'Agreement') - IdTb_OPL_Branch = IdTb_OPL_Branch (get IdTb_OPL_Branch from Tb_OPL_Branch) - IdTb_OPL_JobTitles = IdTb_OPL_JobTitles (get IdTb_OPL_ JobTitles from Tb_OPL_ JobTitles) - TransactionAmount = TotalMonthlyInstallment (get TotalMonthlyInstallment from OPLAgreement) - RangeAmountBase = RangeAmountBase (get RangeAmountBase from Tb_SYS_ApprovalPath) - RangeAmountLimit = RangeAmountLimit (get RangeAmountLimit from Tb_SYS_ApprovalPath) - OrderNumber = OrderNumber (get OrderNumber from TB_SYS_ApprovalPathDtl) - IsComplete = 0 - IsPassed = 1 - StartActiveDate = current date (DateTime.Now) - IsDelete = 0

		- RemarksSys = ‘’ - CreatedBy = current user - CreatedDate = current date (DateTime.Now) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 9. Update table Tb_SYS_ApprovalDtl - IdTb_OPL_Employee = current user (get IdTb_OPL_Employee from Tb_OPL_Employee where EmployeeName = current user) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) <u>Output:</u> 10. The List of Agreement will show the last approval and next approval PIC 11. The List of Agreement will show Approve on Status column 12. The button Check, Approve and Revise will be disabled for the user who has done Submitted <u>Altenative:</u> 13. Click on Back button to go back to previous menu (List of OPL Agreement)
4	Revise Agreement	<u>Input:</u> 1. Input the Remarks (Revise) <u>Constraint:</u> a. Every field inputted cannot exceed maximum length defined in database system b. Revise button will only appear on checker and approver user screen c. The button will only enabled for the user Marketing Officer, Head of Department, and Director or President Director 2. Click on the Revise button  3. A pop up will appear and ask for confirmation of choice **“Are you sure you want to Revise ?”** 4. Click on Yes <u>Process:</u> 5. Update table OPLAgreement - IdTb_OPL_Status = Current status (get IdTb_OPL_Status from Tb_OPL_Status where StatusCode = “Revised”) - TaskId= New Guid - Notes = Remarks (Revise) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 6. Create OPLAgreement_History - ProcessID = New Guid - OriginalID = IdOPLAgreement - CreatedDate = current date (DateTime.Now) - CreatedBy = current user - Action = “Revised” 7. Update table Tb_SYS_Approval - IsPassed = 1 - LastModifiedBy = current user

		- LastModifiedDate = current date (DateTime.Now) 8. Update table Tb_SYS_Approval_History - ProcessId = New Guid - OriginalId = TaskId (get TaskId from Tb_SYS_Approval) - Action = “Revised” - CreatedBy = current user - CreatedDate = current date (DateTime.Now) 9. Create Tb_SYS_Approval_HistoryDtl - ProcessId = New Guid - IdTb_SYS_Approval = IdTb_SYS_Approval (get IdTb_SYS_Approval from Tb_SYS_Approval) - TaskId = TaskId (get TaskId from Tb_SYS_Approval) - IdTb_OPL_Module = IdTb_OPL_Module (get IdTb_OPL_Module from Tb_OPL_Module where ModuleName = ‘Agreement’) - IdTb_OPL_Branch = IdTb_OPL_Branch (get IdTb_OPL_Branch from Tb_OPL_Branch) - IdTb_OPL_JobTitles = IdTb_OPL_JobTitles (get IdTb_OPL_ JobTitles from Tb_OPL_ JobTitles) - TransactionAmount = TotalMonthlyInstallment (get TotalMonthlyInstallment from OPLAgreement) - RangeAmountBase = RangeAmountBase (get RangeAmountBase from Tb_SYS_ApprovalPath) - RangeAmountLimit = RangeAmountLimit (get RangeAmountLimit from Tb_SYS_ApprovalPath) - OrderNumber = OrderNumber (get OrderNumber from TB_SYS_ApprovalPathDtl) - IsComplete = 0 - IsPassed = 1 - StartActiveDate = current date (DateTime.Now) - IsDelete = 0 - RemarksSys = ‘’ - CreatedBy = current user - CreatedDate = current date (DateTime.Now) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) 10. Update table Tb_SYS_ApprovalDtl - IdTb_OPL_Employee = current user (get IdTb_OPL_Employee from Tb_OPL_Employee where EmployeeName = current user) - LastModifiedBy = current user - LastModifiedDate = current date (DateTime.Now) <u>Output:</u> 11. The List of Agreement will show the next approval PIC (back to the lowest) 12. The List of Agreement will show “Revise” on Status column 13. The button Check, Approve and Revise will be disabled until the document status changed into Submitted <u>Altenative:</u> 14. Click on Back button to go back to previous menu (List of OPL Agreement)
5	System error message	<u>Process:</u> 1. Any errors outside of application validation or that which cannot

		be handled by application such as errors when communicating with database, bugs, over loop, etc will generate an error message "**We are sorry!** Something happen with your application, please contact Administrator, thank you." 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 <u>Output:</u> 3. A page with system error message will appear

3.8. Data Structure

Refer to FC.C.1 System Setting (3.8 Data Structure)

3.9. Screen Item List

N/A

3.10. Entity Relationship Diagram

Refer to FC.C.1 System Setting (3.8 Data Structure)