Operating Lease Support System Phase-2 Project

for

DIPO STAR FINANCE
Solusi Kredit Otomotif Terpercaya

Functional Specification FC.AD.2.4 Manage Irregular Maintenance Request of OPL Unit

Revision 2.0

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

Document Control

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File Name	TM15404A-FSP-FC.AD.2.4_Manage Irregular Maintenance Request of OPL Unit_Rev 2.0
Path	\OPRLEASE-P2\Deliverable Based-2\Working\04.Design\04.02 Functional Spesification\TM15404A-FSP-FC.AD.2.4_Manage Irregular Maintenance Request of OPL Unit_Rev 2.0.docx
Number of Pages	26

Revision History

Date	Revision	Description	Author
10/11/2015	0.0	Initial Creation	Dimas Oktarianto
17/12/2015	0.1	QCO Review : - Revise Some Operation Configuration (Page 14 and Page 19) - Revise Source Data Structure into Tb_OPL_Branch.BranchShortName and length on agreement number (Page 21-22). - Revise Data Type from boleean into 2oolean (Page 23).	Dimas Oktarianto
04/01/2016	0.2	QCO Review : - Revise Distribution List and Document Approval	Dimas Oktarianto
12/01/2016	1.0	1st Baseline	Dimas Oktarianto
07/06/2016	1.1	Adding changes at development	Dimas Oktarianto
14/06/2016	2.0	2nd Baseline	Grand Zah Putra

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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 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 AD.2.4 Manage Irregular Maintenance Request of OPL Unit.

Here are the scope for AD.2.4 Monitor Irregular Maintenance Request of OPL Unit :

1. **AD.2.2.1 Update Schedule**

   To view List Maintenance of Unit based on Agreement, Purchase Order, and Unit Management and update Schedule for OPL Unit.

2. **AD.2.2.8 Update Schedule**

   Update Schedule Maintenance of OPL Unit.

1.3 Definitions, Acronyms, and Abbreviations

List of definitions that are used in this document :

a. WO   = Work Order.

b. MU   = Maintenance Unit.

c. OPL   = Operating Lease.

d. DSF   = Dipo Star Finance.

e. BAST   = Berita Acara Serah Terima / Handover Report.

1.4 References

This functional specification document refers to **"To Be Design" BSI Unit/ Vehicle Maintenance Process**, module:

1. AD.2.4 Monitor Irregular Maintenance Schedule of OPL Unit.

2 Configuration

N/A

3 Process Specification: AD.2.4 Manage Irregular Maintenance request of OPL Unit

3.1 Purpose

Screen of Manage Irregular Maintenance Request of OPL Unit will be used by PIC

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Maintenance to manage and update schedule maintenance of OPL unit. This Screen Function consist of update schedule maintenance and Submit Historical Maintenance.

This function covered by **"Manage Irregular Maintenance Request of OPL Unit"** screen.

3.2 Screen of Configuration Access

Here are the access rights for **"Monitoring Unit Preparation"** screen users:

User	Create	Read	Update	Authorization
PIC Maintenance	-	V	V	V
Admin	-	V	-	V

Legend: V = Have the Access
Note:
1. Create : Related to create maintenance schedule
2. Read: related to read display list of maintenance agreement.
3. Update: related to update schedule maintenance of unit
4. Authorization related to Access Screen.

3.3 Screen Functionality

    a. Display List of Maintenance Agreement.
   b. Update schedule Maintenance of OPL Unit.

3.4 Operation Flow

Below is operation flow for Monitoring and print unit preparation process referring to **To Be Design Document Unit/ Vehicle Maintenance**, AD.2.4. Manage Irregular Maintenance Request of OPL Unit:
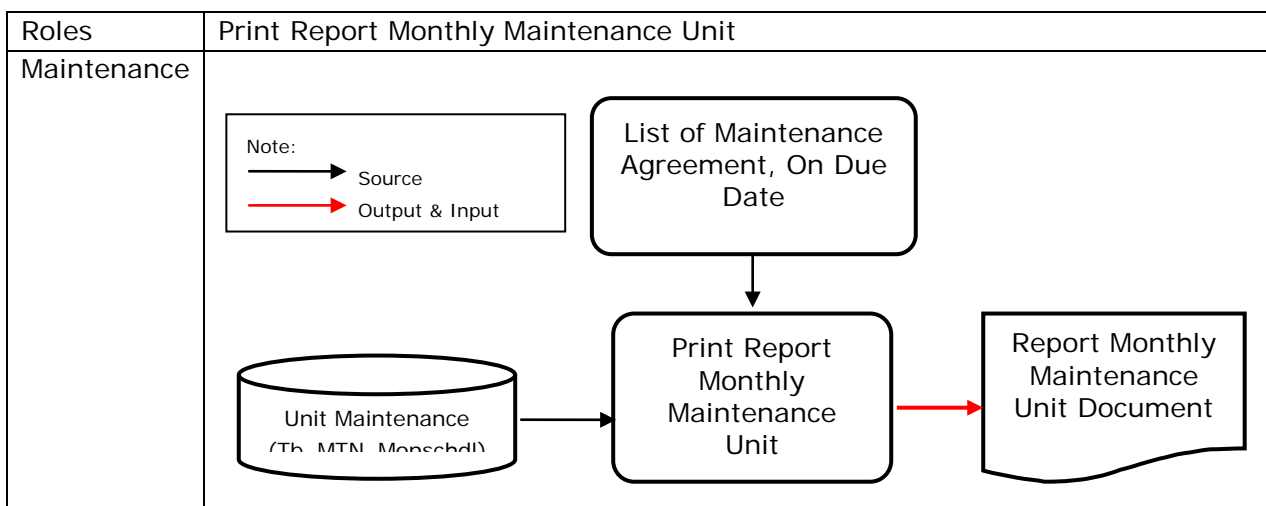
Roles	Show List of Maintenance Agreement
Maintenance	
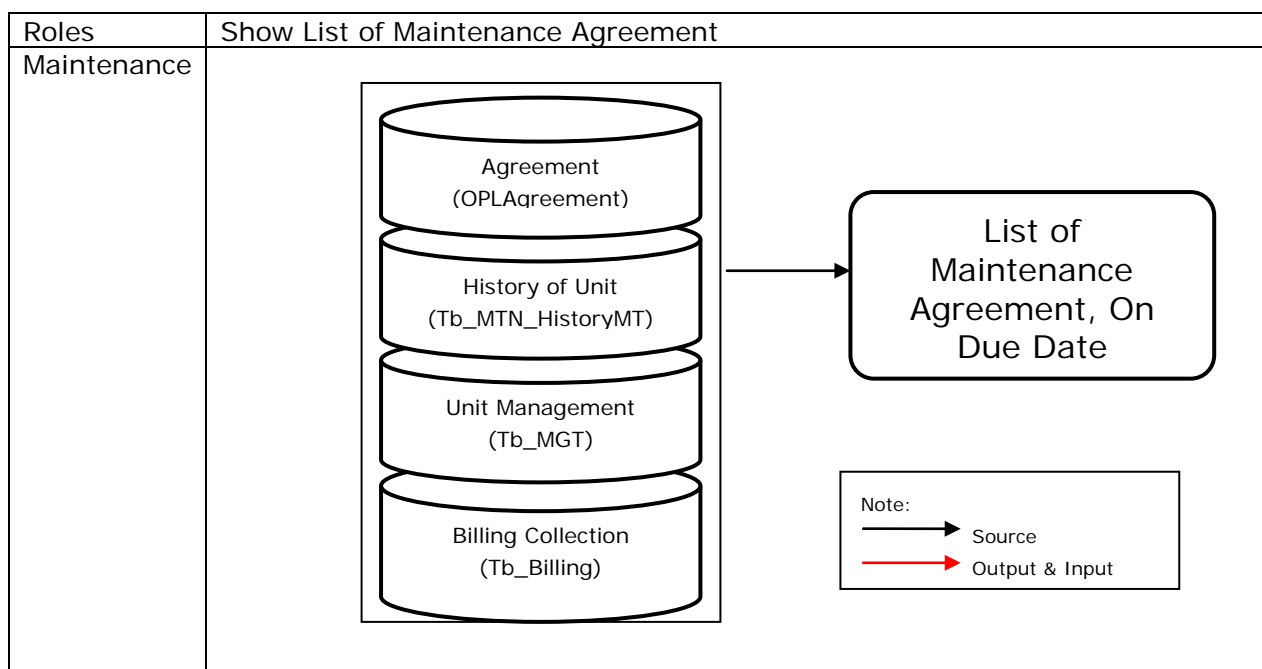
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Below is operation flow of 'Manage Irregular Maintenance Request of OPL Unit' which is used to monitor and update schedule maintenance OPL unit when accident happen by PIC Maintenance.

Roles	Update Schedule
Maintenance	
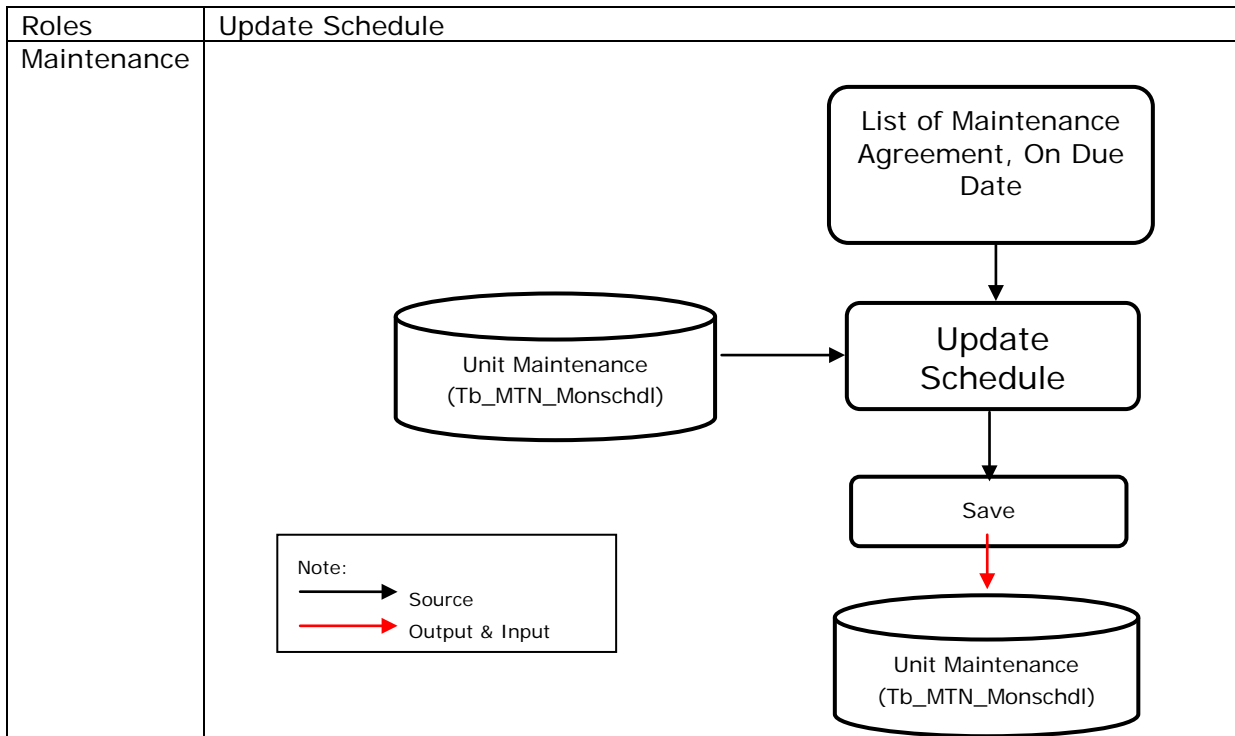
Below is operation flow of '**Print Maintenance Schedule of Replacement Unit**' which is used to Print report by PIC Maintenance:

Roles	Print Report Monthly Maintenance Unit
Maintenance	

3.5 Screen Detail

- Screen design of 'List of Maintenance Agreement', which will be used as an initial screen for Manage irregular maintenance request, PIC Maintenance can update schedule after get request from customer and change maintenance category.

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Screen 1. List of Maintenance Agreement

Screen 2. List of Maintenance Agreement

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Screen 3. Pop up Confirmation

- Screen design of 'List of Maintenance Agreement' on due date, which will be used as a second screen for Manage irregular maintenance request, after maintenance category change into "irregular" on due date menu can change schedule.

Screen 4. List of Maintenance Agreement after change to Irregular

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Screen 5. List of Maintenance Agreement after change to Irregular

Screen 6. Pop up Confirmation

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3.6 Screen Functionality

Here are the screen functions from each component in Manage Irregular Maintenance Request of OPL Unit screen:

No	Component	Name	Function
Header			
1.	Label	List of Maintenance Agreement	List of Maintenance Agreement title
Search Criteria			
2.	Drop down box	Search Criteria	To Select Category for searching maintenance data
3.	Text Field	Parameter	To input parameter for searching maintenance data
4.	Date Picker	Start Service Date	To input start Service Date based on update date when submit maintenance data
5.	Date Picker	End Service Date	To input end Service Date based on update date when submit maintenance Data
6.	Button	Search	To search maintenance data based on selected criteria
List of Maintenance Agreement			
7.	Drop down box	Show Entry	To select number of row data that will be displayed in one screen (paging)
8.	Button	Sort	To sort data on table list of Maintenance, ascending and descending
9.	Label	DSF Office	To display DSF Branch Office
10.	Label	Unit Type	To display type of unit, OPL unit or replacement unit
11.	Label	Agreement Number	To display agreement
12.	Label	Police Number	To display Police number of unit
13.	Label	Maintenance Type	To display maintenance type of unit
14.	Label	Maintenance Category	To display category maintenance of unit
15.	Label	End Contract	To display maintenance end contract of unit
16.	Label	Last Service	To display last service date of unit
17.	Label	Schedule Maintenance	To display schedule maintenance
18.	Label	KM	To display KM of Unit
19.	Label	Actual KM	To display Actual KM of Unit
20.	Label	Schedule Date	To display date of maintenance

21.	Label	Maintenance Budget	To display budget maintenance of unit
22.	Label	Overdue	To display overdue budget of unit
23.	Label	Confirmation to Customer	To display Confirmation to Customer
24.	Checkbox	Confirm	To Show already confirm to customer
25.	Date	Date	To display date from system
26.	Date	Schedule	To display request schedule from customer
27.	Label	List Workshop	To display selected workshop
28.	Label	Confirm	To display Confirmation to Workshop
29.	Checkbox	Confirm	To Show already confirm to workshop
30.	Date	Start Date	To display start date
31.	Date	End Date	To display end date
32.	Button	Update	To Update schedule, KM, Confirmation to Workshop, Confirmation to Customer
33.	Label	Work Order	To display button work order
34.	Button	Create Work Order	To create Work Order
35.	Button	Edit Work Order	To Edit Work Order
36.	Button	View List WO	To View List of Work Order
37.	Label	Status	To Display Last Status Work Order
38.	Button	Historical	To go into menu service history inquiry
39.	Label	Showing N to M of X entries	Displaying Maintenance data sequence and the total of maintenance data
40.	Link	First Page	To display first entries page of maintenance data
41.	Link	Previous Page	To display the previous entries page of maintenance data
42.	Link	Page Number	Displaying the Page Number of the List
43.	Link	Next Page	To display the next entries page of maintenance data
44.	Link	Last Page	To show the last page entry
Footer			
45.	Button	Print Report	To Print the report from list of maintenance agreement

Here are the screen functions from each component in Pop Up Maintenance Schedule Creation screen :

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No	Component	Name	Function
Header			
1.	Label	Update Maintenance Agreement	Update Maintenance Agreement title
Update Maintenance Agreement			
2.	Label	Confirmation to Customer	To display Confirmation to Customer
3.	Checkbox	Confirmation to Customer	To checklist confirmation to customer
4.	Date Picker	Confirmation Date	To display System Date
5.	Date Picker	Schedule Date	To Input Request Date from Customer
6.	Label	Confirmation to Workshop	To display Confirmation to Workshop
7.	Label	Maintenance Category	To display category maintenance of unit
8.	Checkbox	Confirmation to Workshop	To checklist confirmation to workshop
9.	Dropdown Box	List Workshop	To display list workshop
10.	Date Picker	Start Date	To input start date for maintenance
11.	Date Picker	End Date	To input end date for maintenance
12.	Text Field	Actual KM	To Input Actual KM
13.	Text Field	Category MT	To input category maintenance • Regular. • Irregular. • Insurance Claim.
14.	Text Field	Maintenance Budget	To Input Budget Maintenance replacement unit.
Footer			
15.	Button	Save	To save the update
16.	Button	Close	To Close Pop Up

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3.7 Operation Description

No.	Operation Name	Description
1	Initial view of List of Maintenance Agreement	The screen for List of Maintenance Agreement:

1. Component Status;

Component	Name/Caption	Status	Remark
Drop down box	User Name	Active	
Drop down	Search Criteria	Active	
Field Text	Parameter	Active	
Date Picker	Start Period	Active	
Date Picker	End Period	Active	
Button	Search	Active	
Drop down box	Show Entries	Active	As initial by default number of show entries list that will be display is 10
Button	Sort	Active	
Label	DSF Office	Not Active	
Label	Unit Type	Not Active	
Label	Agreement Number	Not Active	
Label	Police Number	Not Active	
Label	Maintenance Type	Not Active	
Label	Maintenance Category	Not Active	
Label	End Contract	Not Active	
Label	Last Service	Not Active	
Label	Schedule Maintenance	Not Active	
Label	KM	Not Active	
Label	Actual KM	Not Active	
Label	Schedule Date	Not Active	
Label	Maintenance Budget	Not Active	
Label	Overdue	Not Active	
Label	Confirmation to Customer	Not Active	
Checkbox	Confirm	Not Active	Active when view in 14 tab and 1 day tab
Date	Date	Not Active	Fill by user
Date	Request Date	Not Active	Active when view in 14 tab and 1 day tab
Button	Next Page	Active	Active depending on the current entry
Button	Last Page	Active	Active depending on the current entry
Label	Confirmation to Workshop	Not Active	
Dropdown Box	Workshop	Active	Show in Pop Up Menu Screen
CheckBox	Confirm	Active	Show in Pop

				Up Menu Screen
	Date Picker	Start Date	Active	Show in Pop Up Menu Screen
	Date Picker	End Date	Active	Show in Pop Up Menu Screen
	Button	Update	Active	Active depending on unit type and when view in 14 tab and 1 day tab
	Label	Work Order	Not Active	
	Button	Create Work Order	Not Active	Active depending on unit type and when view in 14 tab and 1 day tab
	Button	Edit Work Order	Not Active	Active depending on unit type and when view in 14 tab and 1 day tab
	Button	View Work Order	Not Active	Active depending on unit type and when view in 14 tab and 1 day tab
	Label	Status	Not Active	
	Field Text	Status	Not Active	Mandatory Field last status Work Order
	Button	Historical	Not Active	Active when view 14 day tab, 1 day tab, and on due date
	Label	Showing N to M of X entries	Not Active	
	Link	First Page	Active	Active depending on the current entry
	Link	Previous Page	Active	Active depending on the current entry
	Link	Page Number	Not Active	
	Link	Next Page	Active	Active depending on

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				the current entry
Link	Last Page	Active	Active depending on the current entry
Button	Print Report	Active	

2	Display List of Maintenance Agreement	**Input:**
		1. Access menu OLSS
		2. Select menu Maintenance
		3. Select sub menu view list of maintenance agreement
		4. Select number of show list entries : 10, 25, 50, and 100
		5. Select the unit that need to maintenance for irregular accident.
		
		Process:
		1. System will displays data on List of maintenance agreement with upcoming date in ascending order.
		2. Data that will be displayed are Agreement data with maintenance based on the Tb_OPL_Branch, Agreement (OPL_Agreement.AgreementNumber, OPL_Agreement.MaintenanceType, EndPeriodDate), Maintenance (Tb_MTN_Monschdl.ServiceDate), Unit Management (TB_MGT.UnitType), (TB_MGT.PoliceNumber), Billing (TB_Billing.Overdue)
		3. Based on **Screen 1. List of Maintenance Agreement**, informations related to Maintenance Agreement that will be displayed automatically are:
		  a. DSF Office (source : Tb_MTN_Monschdl.DSFOffice)
		  b. Unit Type (source : Tb_MTN_Monschdl.UnitType)
		  c. Agreement Number (source : Tb_MTN_Monschdl.AgreementNumber)
		  d. Police Number (source : Tb_MTN_Monschdl.PoliceNumber)
		  e. Maintenance Type (source : Tb_MTN_Monschdl.MaintenanceType)
		  f. End Contract (source : Tb_MTN_Monschdl.EndContract)
		  g. Last Service (source : Tb_MTN_Monschdl.LastService)
		  h. KM (source : Tb_MTN_Monschdl.KM)
		  i. Schedule Date (source : Tb_MTN_Monschdl.ScheduleDate)
		  j. Maintenance Budget (source : Tb_MTN_Monschdl.MaintenanceBudget)
		  k. Overdue (source : Tb_MTN_Monschdl.Overdue)
		4. PIC Maintenance change the maintenance category into irregular and schedule on due date tab can be updated.
		5. System will display data row based on selected show number entries
		
		Output:
		1. Display list of all Agreement with maintenance category "irregular".
		2. Unit Maintenance category is irregular.
		
		Alternative:
		N/A

3	Searching List of Maintenance Agreement at List of Maintenance Agreement	**Input:** 1. Access menu OLSS 2. Select menu Maintenance 3. Select sub menu view list of maintenance agreement 4. Select Search Criteria Drop down boxand click among these: | Criteria Searching	Constraint Input
---	---
Police Number	varchar	

Agreement Number	varchar
DSF Office	varchar
Unit Type	varchar
Maintenance Type	varchar
Maintenance Category	varchar
End Contract	Date
Last Service	Date
KM	Number
Maintenance Budget	Number

5. Select Start and End date period to filter based on the End Contract, Last Service, Schedule Date.

Searh Criteria	Parameter	Start Service Date	End Service Date	
DSF Office	...	🛗	🛗	Search

Constraint :
a. End Period can not be less than Start Period (the End Period will be locked for the date before Start Date).
b. Start Period can not be less than End Period (the Start Period will be locked for the date after End Date)

6. Click Search button [Search]
7. Select number of show list entries : 10, 25, 50, and 100

Process:
1. User can only choose one search criteria to be searched
2. When user click search button, system will displays data on List of Maintenance Agreement based on the selected criteria searching.
   Formula:
   2.1. If user input Criteria Searching, Criteria Searching param, Start Date, and End Date period, system displays data based on selected criteria searching on selected range end contract, Last Service, Schedule Date.
   2.2. If user input both of Criteria Searching, Criteria Searching param and Start Date, system displays data based on selected criteria searching start from selected Schedule Date until the latest Schedule date.
   2.3. If user input both of Criteria Searching, Criteria Searching param and End Date, system displays data based on selected criteria searching start from the oldest Schedule date until selected update date.
   2.4. If user input Criteria Searching and its param only, system displays all of the list of maintenance agreement data based on the criteria searching only.
3. Data that will be displayed are data based on the newest Maintenance agreement date (TB_MTN_Monschdl) .
4. Based on **Screen 1. List of Maintenance Agreement**, informations related to Maintenance Agreement that will be displayed automatically are:
   l. DSF Office (source : Tb_MTN_Monschdl.DSFOffice)
   m. Unit Type (source : Tb_MTN_Monschdl.UnitType)
   n. Agreement Number (source : Tb_MTN_Monschdl.AgreementNumber)
   o. Police Number (source : Tb_MTN_Monschdl.PoliceNumber)
   p. Maintenance Type (source : Tb_MTN_Monschdl.MaintenanceType)
   q. End Contract (source : Tb_MTN_Monschdl.EndContract)
   r. Last Service (source : Tb_MTN_Monschdl.LastService)
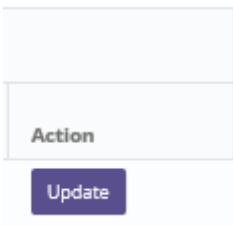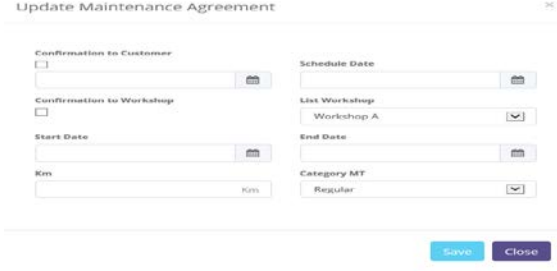   s. KM (source : Tb_MTN_Monschdl.KM)
   t. Schedule Date (source : Tb_MTN_Monschdl.ScheduleDate)
   u. Maintenance Budget (source : Tb_MTN_Monschdl.MaintenanceBudget

		) v. Overdue (source : Tb_MTN_Monschdl.Overdue) 5. System will display data row based on selected show number entries <u>Output:</u> 1. Display list of all Maintenance Agreement data based on the search result maintenance date in ascending order. <u>Alternative:</u> N/A
4	Print Report	<u>Input:</u> 1. Access menu OLSS 2. Select menu Maintenance 3. Select sub menu view list of maintenance agreement 4. Select Search Criteria Drop down box and click among these: Criteria table below 5. Select Start and End date period to filter based on the Schedule Date. Screenshot below <u>Constraint</u>: a. End Period can not be less than Start Period (the End Period will be locked for the date before Start Date) b. Start Period can not be less than End Period (the Start Period will be locked for the date after End Date) 6. Click Search button . 7. Click Print Report button <u>Process:</u> 1. User can view list of maintenance agreement data which will be printed, in list of maintenance search result list. 2. System will display list of maintenance Agreement in Ms.Excel with file name as below format: List of Maintenance Agreement Report_MMddyyyy_hhmm Then User can convert that file into PDF format and save file into selected path Note : MMddyyyy → month,day,year when report printed hhmm → hours, minute when report printed

Criteria Searching	Constraint Input
DSF Office	Varchar
Unit Type	Varchar
Agreement Number	Varchar
Police Number	Varchar
Maintenance Type	Varchar
Maintenance Category	Varchar
End Contract	Date
Last Service	Date
KM	Number
Schedule Date	Date
Maintenance Budget	Number
Overdue	Number

		3. Informations related to Maintenance that will be printed are:
		  a. DSF Office
		  b. Unit Type
		  c. Agreement Number
		  d. Police Number
		  e. Maintenance Type
		  f. Maintenance Category
		  g. End Contract
		  h. Last Service
		  i. KM
		  j. Schedule Date
		  k. Maintenance Budget
		  l. Overdue
		4. Maintenance data will be sorted based on Maintenance date service at Maintenance Report
		
		Output:
		1. Printed list of all Maintenance data based on the Maintenance search result
		
		Alternative:
		N/A

5	Input and update schedule for Irregular Maintenance Request of OPL unit	Input: 1. Access menu OLSS 2. Select menu Maintenance 3. Select sub menu List of Maintenance 4. Select on due date tab. 5. Click Update button for Update schedule maintenance on schedule date, Confirmation to Customer, Confirmation to Workshop. Action Update Constraint : a. When PIC Maintenance view due date tab, field confirmation to customer will enable again to checklist. b. When update schedule pop up will be shown and PIC maintenance can update the schedule. Only authorized person can update the schedule. Update Maintenance Agreement Confirmation to Customer	Schedule Date Confirmation to Workshop	List Workshop Workshop A Start Date	End Date Km Km	Category MT Regular Save Close c. Checklist Confirmation to Customer to enable schedule and Choose the date for replacement unit. d. Checklist Confirmation to Workshop, Choose Workshop, Pick Start Date and End date based on workshop confirmation. e. The date cannot be input after end contract date.

f. The date cannot be input before last service.

6. Click Save button to save the updated schedule date irregular maintenance for OPL unit.

7. PIC Maintenance click button submit at under maintenance tab to input maintenance cost on detail history of unit screen.

Process:
1. System will displays data schedule maintenance of unit on due date and Maintenance category "Irregular" in ascending order.
2. Data that will be displayed are Agreement data with maintenance based on the Tb_OPL_Branch, Agreement (OPL_Agreement.AgreementNumber, OPL_Agreement.MaintenanceType, EndPeriodDate), Maintenance (OPLServiceHistory.IsIregular, ServiceDate, MaintenanceBudget), Unit Management (TB_MGT.UnitType) (TB_MGT.PoliceNumber), Billing (TB.Billing.Overdue).
3. If Need to be reschedule, PIC Maintenance click update button to update schedule by customer request and checklist confirmation to customer, checklist Confirmation to workshop, choose workshop, update actual mileage, update maintenance category. After save there will be notification shown "**Success ! Police Number B 6569 WEF schedule has been updated**".
4. When choose workshop, PIC Maintenance also input location of workshop.
5. Data workshop on confirmation to workshop based on Tb_OPLSupplier (OPLSupplier.IdSupplier).
6. Based on **Screen 1. List of Maintenance Agreement**, informations related to Maintenance Agreement that will be displayed automatically are:
   w. DSF Office (source : Tb_MTN_Monschdl.DSFOffice)
   x. Unit Type (source : Tb_MTN_Monschdl.UnitType)
   y. Agreement Number (source : Tb_MTN_Monschdl.AgreementNumber)
   z. Police Number (source : Tb_MTN_Monschdl.PoliceNumber)
   aa. Maintenance Type (source : Tb_MTN_Monschdl.MaintenanceType)
   bb. End Contract (source : Tb_MTN_Monschdl.EndContract)
   cc. Last Service (source : Tb_MTN_Monschdl.LastService)
   dd. KM (source : Tb_MTN_Monschdl.KM)
   ee. Schedule Date (source : Tb_MTN_Monschdl.ScheduleDate)
   ff. Maintenance Budget (source : Tb_MTN_Monschdl.MaintenanceBudget)
   gg. Overdue (source : Tb_MTN_Monschdl.Overdue)
7. System will display data row based on selected show number entries.

Output:
1. Update Schedule for OPL Unit.
2. Data will be saved to table TB_MTN_Monitoringschdl

Alternative:
N/A

3.8 Data Structure

TB_MTN_Monschdl

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MTN_Monschdl	*int*	*n/a*		**Primary Key**	No	Yes

IdTb_OPL_Branch	int	n/a	Tb_OPL_Branch.IdTb_OPL_Branch	**Foreign Key**	No	Yes
IdTb_OPL_Unit	int	n/a	Tb_OPL_Unit.IdTb_OPL_Unit	**Foreign Key**	No	Yes
DSFOffice	Varchar	5	Tb_OPL_Branch.BranchShortName	**Foreign Key** *Where Tb_MTN_Monschdl.DSFOffice = Tb_OPL_Branch.IdTb_OPL_Branch*	No	Yes
IsOPL	Boolean	n/a	Tb_OPL_Unit.IsOPL	**Foreign Key** *Where Tb_MTN_Monschdl.UnitType = Tb_OPL_Unit.UnitType*	No	Yes
AgreementNumber	Varchar	50	OPLAgreement.AgreementNumber	**Foreign Key** *Where Tb_MTN_Monschdl.AgreementNumber = OPLAgreement.AgreementNumber*	No	Yes
PoliceNumber	Varchar	10	Tb_MGT_BASTSupCust.PoliceNumber	**Foreign Key** *Where Tb_MTN_Monschdl.PoliceNumber =* Tb_MGT_BASTSupCust.PoliceNumber	No	Yes
Maintenance Type	Varchar	100	OPLAgreement.MaintenanceType	**Foreign Key** *Where Tb_MTN_Monschdl.MaintenanceType = OPLAgreementDetails.MaintenanceType*	No	Yes
Maintenance Category	Varchar	20	TB_MTN_Monitoringschdl.MaintenanceCategory		No	Yes
EndContract Date	Datetime	n/a	OPLAgreement.IdOPLAgreement	**Foreign Key** *Where Tb_MTN_Monschdl.EndConftract = OPLAgreement.IdOPLAgreement*	No	Yes
LastService Date	Datetime	n/a	OPLAgreement.IdOPLAgreement	**Foreign Key** *Where Tb_MTN_Monschdl.LastService = OPLAgreement.IdOPLAgreement*	No	Yes
KM	Decimal	8.2	OPLAgreement.MonthlyMileage	**Foreign Key** *Where Tb_MTN_Monschdl.KM = OPLAgreement.MonthlyMileage*	No	Yes

			OPLAgreement.IdOPLAgreement	*Foreign Key* *Where* *Tb_MTN_Monschdl.ScheduleDate =* *OPLAgreement.IdOPLAgreement*	No	Yes
ScheduleDate	*Datetime*	*n/a*				
MaintenanceBudget	*Decimal*	*18.3*	OPLServiceHistorySum.MaintenanceBudget	*Foreign Key* *Where* *Tb_MTN_Monschdl.MaintenanceBudget =* *OPLServiceHistorySum.MaintenanceBudget*	Yes	Yes
IsOverdue	*Boolean*	*n/a*	Tb_Bill_PayScheduleDetail.IsOverdue	*Foreign Key* *Where* *Tb_MTN_Monschdl.Overdue =* *Tb_Bill_PayScheduleDetail.IsOverdue*	Yes	Yes
IsConfirmation	*Boolean*	*n/a*	Tb_MTN_Monschdl.IsConfirmation		Yes	No
ScheduleReqDate	*Datetime*	*n/a*	Tb_MTN_Monschdl.Schedule		Yes	No
IdSupplier	*Int*	*n/a*	Tb_supplier.IdSupplier		Yes	Yes
Workshop	*Varchar*	*100*	Tb_MTN_Monschdl.Workshop	*Foreign Key* *Where* *Tb_MTN_Monschdl.Workshop =* *Supplier.IdSupplier*	Yes	Yes
WorkshopLocation	*Varchar*	*30*	Tb_MTN_Monschdl.Workshop	*Foreign Key* *Where* *Tb_MTN_Monschdl.Workshop =* *Supplier.IdSupplier*	Yes	Yes
IsWorkshop	*Boolean*	*n/a*	Tb_MTN_Monschdl.IsWorkshop		Yes	No
StartDate	*Datetime*	*n/a*	Tb_MTN_Monschdl.StartDate		Yes	No
EndDate	*Datetime*	*n/a*	Tb_MTN_Monschdl.EndDate		Yes	No
IsDelete	*Boolean*	*n/a*	Tb_MTN_Monschdl.IsDelete		Yes	No
RemarkSys	*Varchar*	*100*	Tb_MTN_Monschdl.RemarkSys		Yes	No
CreatedBy	*Varchar*	*50*	Tb_MTN_Monschdl.CreatedBy		Yes	No
CreatedDate	*Datetime*	*n/a*	Tb_MTN_Monschdl.CreatedDate		Yes	No
LastModifiedBy	*Varchar*	*50*	Tb_MTN_Monschdl.LastModifiedBy		Yes	No
LastModifiedDate	*Datetime*	*n/a*	Tb_MTN_Monschdl.LastModifiedDate		Yes	No

3.9 Screen Item List

RPT.AD.2.2 Report Monthly Maintenance Unit

No.	Content	Description	Source	Remarks
1	List of Maintenance Unit	Default Label	Static	
2	Period	Period Monthly Report	Based on selected Start Date and End Date that already select by User when print Report	*Format display on report: dd/mm/yyyy*
3	Page	Number of Report Page	Automatically count by number of page	*&[page] of &[total page]*
4	Printed By	Printed by	Sys.Username	User Name is the one who login to system
5	Printed Date	Printed Date	Use date at server when button Print Report is Clicked	*Format display on report: dd/mm/yyyy*
6	DSF Office	Branch of the maintenance data	TB_MTN_Monitoring schdl.DSFOffice	
7	Unit Type	Unit Type	TB_MTN_Monitoring schdl.UnitType	
8	Agreement Number	Agreement Number	TB_MTN_Monitoring schdl.AgreementNumber	
9	Police Number	Police Number	TB_MTN_Monitoring schdl.PoliceNumber	
10	Maintenance Type	Maintenance Type	TB_MTN_Monitoring schdl.MaintenanceType	
11	Maintenance Category	Maintenance Category	TB_MTN_Monitoring schdl.MaintenanceCategory	
12	End Contract	End Contract	TB_MTN_Monitoring schdl.EndContract	
13	Last Service	Last Service	TB_MTN_Monitoring schdl.LastService	
14	KM	*Unit KM*	TB_MTN_Monitoring schdl.KM	
15	Schedule Date	*Schedule Maintenance*	TB_MTN_Monitoring schdl.ScheduleDate	
16	Maintenance Budget	*Unit Maintenance Budget*	TB_MTN_Monitoring schdl.MaintenanceBudget	
17	Overdue	*Overdue Payment*	TB_MTN_Monitoring schdl.Overdue	

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

List of Maintenance Unit
Period   01/10/2015 - 31/10/2015

DSF O	Unit Type	Agreement Number	Police Number	Maintenance Type	Maintenance Category	End Contract	Last Service	Schedule Maint KM	Schedule Date	Mainte ance Budget DR)	Overdue
JKC	OPL Unit	00004/AGR/JKC/10/2014	B 6569 WEF	Full Maintenance	Regular	02/14/2017	09/13/2015	2500	10/13/2015	000,000.00	-
JKC	OPL Unit	00005/AGR/JKC/10/2014	B 6789 WDF	Full Maintenance	Irregular	02/14/2017	10/13/2015	5000	11/13/2015	24,000,000.00	-
JKC	OPL Unit	00006/AGR/JKC/10/2014	B 7879 DDB	Full Maintenance	Regular	02/14/2017	11/13/2015	7500	12/13/2015	24,000,000.00	-

3.10 Entity Relationship Diagram

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

APPENDIX

Configuration Access for Manage Irregular Maintenace Request of OPL Unit:

User	Branch	Functions					
		Display List	Create	Edit	View	Print Form	Print Report
PIC Maintenance HO/Branch	One	V	V	V	V	V	V
	Area						
	All						
Marketing Officer	One	V			V	V	V
	Area						
	All						
Head of Branch	One	V			V	V	V
	Area						
	All						
Head of Department	One						
	Area						
	All	V			V	V	V
Regional Manager	One						
	Area	V			V	V	V
	All						
Advisor	One						
	Area						
	All	V			V	V	V
Director	One						
	Area						
	All	V			V	V	V
President Director	One						
	Area						
	All	V			V	V	V
Shareholder's Meeting	One						
	Area						
	All	V			V	V	V

Legend:
V = Have the access