



Operating Lease Support System Phase-2 Project for



Functional Specification FC.AC.1.2 Purcase Order Approval

Revision 1.0

PT. Berlian Sistem Informasi

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

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Document ApprovalBy 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 AC.1.2 Purchase Order Approval.

Here are the scope for AC.1.2 Purchase Order Approval:

1. AC.1.2.1 - List of PO

To monitor all PO by view list of PO documents which have been submitted and its status.

2. AC.1.2.2 - Check PO by MO OPL HO/Branch

To check submitted PO by MO OPL HO/Branch and change PO status to checked.

3. AC.1.2.3 - Revise PO/Reject PO

To revise submitted PO by MO OPL HO/Branch or DSF Authorized Person or to reject submitted PO by DSF Authorized Person. System will change PO status to revised or rejected.

4. AC.1.2.4 - Approve PO by DSF Authorized Person

To view submitted PO and approve it by DSF Authorized Person.

1.3. Definitions, acronyms, and abbreviations

- 1. OPL = Operating Lease
- 2. DSF = Dipo Star Finance
- 3. HO = Head Office
- 4. HOB = Head of Branch
- 5. HOD = Head of Department
- 6. RM = Regional Manager
- 7. MO = Marketing Officer
- 8. PIC = Person In Charge
- 9. PO = Purchase Order

1.4. References

This functional specification document refers to **'To Be Design' BSI Procurement Process**, module:

1. AC.1.2 Purchase Order Approval.

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2. Configuration

N/A

3. Detail Specification: FC.AC.1.2 - Purchase Order Approval

3.1 Purpose

Screen of Purchase Order Approval will be used by MO OPL HO/Brach to check or revise the submitted PO, and will be used by DSF Authorized Person to revise, approve or reject the submitted PO. These function covered by 'View Purchase Order' screen.

3.2 Screen of Configuration Access

Here are the access right for 'View of Purchase Order' screen:

User	Create	Read	Update	Authorization
PIC OPL HO/Branch	-	V	V	V
MO OPL HO/Branch	-	V	V	V
DSF Authorized Person	-	V	V	V

Legend:

v = Have the access

Note:

1. Create: related to creation of PO

2. Read: related to read the created PO

3. Update: related to update PO

4. Authorization: related to access screen

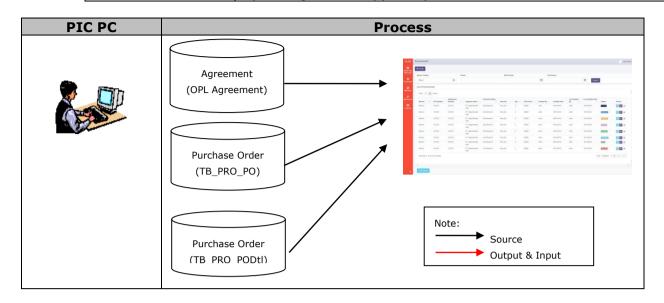
3.3 Screen Functionality

- 1. Display list of created PO
- 2. View details of created PO
- 3. Add remarks when revised or reject
- 4. Approve submitted PO

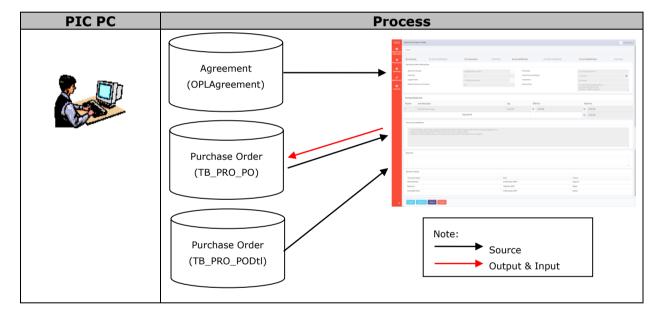
3.4 Operation Flow

Below is data flow of '**List of PO**' which is used to monitor Completion of PO creation and approval from DSF Authorized person and Supplier:

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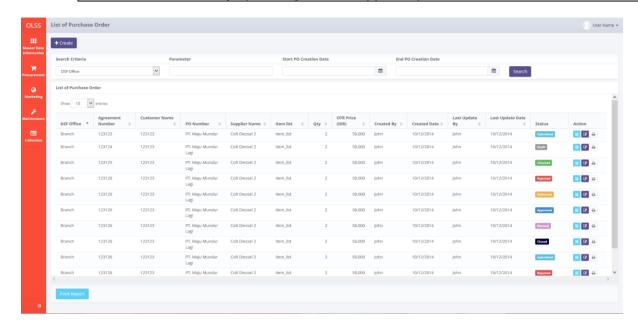
Below is data flow of 'View Purchase Order' which is used to view created PO, check, revise and approve:



3.5 Screen Design

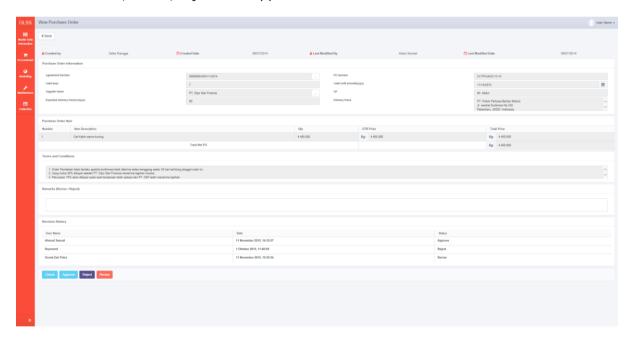
• Screen design of 'List of PO', which will be used as an initial screen for View PO and also is used as Monitoring PO screen:

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Screen 1. List of PO

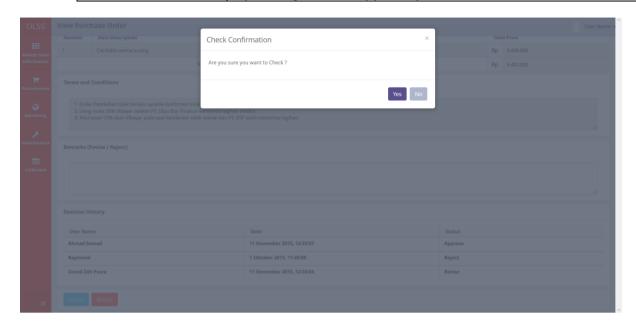
• Screen design of 'View PO', which will display details of the created PO and buttons to revise, check, reject and approve:



Screen 2. View PO

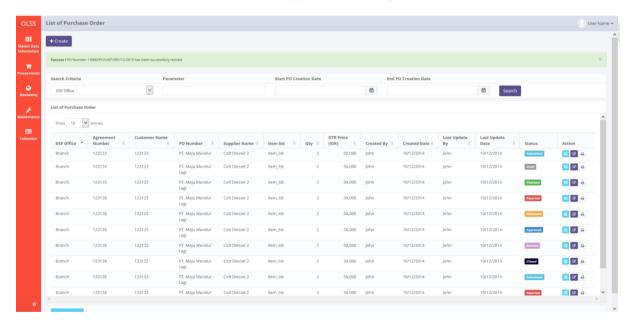
• Confirmation Pop up when save, submit, and edit button is being clicked.

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Screen 3. Check Confirmation Pop up Dialog

• Notification after Revise, Check, Approve and Reject PO



Screen 4. Edit, Revise, Check, Approve and Reject Notification

3.6 Component Screen Functionality

a. List of Purchase Order

Here are the screen functions from each component in List of Purchase Order screen:

No	Component	Name	Function
Header			
1	Label	List of Purchase Order	List of Purchase Order title

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Sea	rch Criteria		
2	Drop down box	Search Criteria	To select category for searching PO data
3	Field text	Parameter	To input Parametereter for searching PO data
4	Date Picker	Start PO Creation Date	To input Start PO Creation Date based on update date when submit PO data
5	Date Picker	End PO Creation Date	To input End PO Creation Date based on update date when submit PO data
6	Button	Search	To search PO data based on selected criteria
List	of Purchase C	Order	
7	Drop down box	Show Entries	To select number of row data that will be displayed in one screen (paging)
8	Button	Sort	To sort data on table list of PO, ascending and descending
9	Label	DSF Office	To display DSF Office Code of the PO
10	Label	PO Number	To display PO number that already approved by Supplier
11	Label	Agreement Number	To display Agreement Number of the PO
12	Label	Supplier Name	To display Supplier Name of the PO
13	Label	Customer Name	To display Customer Name of the PO
14	Label	Item List	To display Item list of the PO
15	Label	Qty	To display Quantity per item of the PO
16	Label	OTR Price	To display OTR Price of the PO
17	Label	Created by	To display name of the PO creator
18	Label	Created Date	To display PO creation date
19	Label	Last Update By	To display name of the last person who make an action on the PO
20	Label	Last Update Date	To display date of Last action on the PO
21	Label	Status	To display status of PO
22	Label	Action	To display action for PO data
23	Button	View PO	To view PO data when clicked
24	Button	Edit PO	To edit PO data when clicked
25	Button	Print PO	To display print view of PO data when clicked
26	Label	Showing N to M of X entries	Displaying PO data sequence and the total of PO data

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27	Link	First Page	To display first entries page of PO data
28	Link	Previous Page	To display the previous entries page of PO data
29	Link	Page Number	Displaying the Page Number of the List
30	Link	Next Page	To display the next entries page of PO data
Foo	Footer		
31	Button	Print Report	To print the PO data
Not	ification		
32	Label	Success Notification	Displaying success note to user when user did an action (save as draft, submit, save changes, check, revise, reject and approve)

b. View Purchase Order

Here are the screen functions from each component in View Purchase Order screen:

No	Component	Name	Function
Head	er		
1	Label	View Purchase Order	View Purchase Order title
2	Button	Back	To go to previous screen
Purch	nase Order D	ata	
3	Label	Created by	Displaying PO creator
4	Label	PIC Admin HOD/Branch	To display PO creator
5	Label	Created Date	Displaying PO creation date
6	Label	Created Date Value	To display PO creation date
7	Label	Last Modified By	Displaying last modified
8	Label	PIC Admin HOD/Branch	To display name who modify the PO data
9	Label	Last Modified Date	Displaying last modified date
10	Label	Last Modified Date Value	To display last modified date
11	Label	Purchase Order Information	To display basic information of PO
12	Label	Agreement Number	Displaying Agreement Number field name
13	Search Box	Agreement Number	Displaying inputed Agreement Number value
14	Label	PO Number	Displaying PO Number field name
15	Text Box	PO Number	Displaying generated PO Number value

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16	Label	Valid Until (mm/dd/yyyy)	Displaying Valid Until date field name
17	Date Picker	Valid Until Value	Displaying inputed Valid Until value
18	Label	Valid Days	Displaying Valid Days field name
19	Text Box	Valid Days	Displaying generated Valid Days value
20	Label	Supplier Name	Displaying Supplier Name field name
21	Search Box	Supplier Name	Displaying inputed Supplier Name value
22	Label	Delivery Period (mm/dd/yyyy)	Displaying Delivery Period field name
23	Text Box	Expected Delivery Period Value	Displaying inputed Delivery Period value
24	Label	UP	Displaying UP field name
25	Text Box	UP	To UP Remarks value
26	Label	Delivery Place	Displaying Delivery Place field name
27	Text Box	Delivery Place	Displaying inputed Delivery Place value
28	Label	Purchase Order Item	Displaying Items of PO
29	Label	Number	Displaying Number field name
30	Text Box	Number	Displaying inputed Number items of PO
31	Label	Item Description	Displaying Item Description field name
32	Text Box	Item Description	Displaying inputed Item Description value
33	Label	Qty	Displaying Qty field name
34	Text Box	Qty	Displaying inputed Qty of each item
35	Label	OTR Price	Displaying OTR Price field name
36	Text Box	OTR Price	Displaying inputed OTR Price value
37	Label	Total Price	Displaying Total Price field name
38	Text Box	Total Price	Displaying inputed Total Price of items
39	Label	Total Net PO	Displaying Total Net PO field name
40	Text Box	Total Net PO	Displaying total price of each items on this PO
41	Label	Terms and Conditions	Displaying Terms and Conditions field name
42	Text Box	Terms and Conditions	Displaying inputed Terms and Conditions of each item
43	Label	Remarks	Displaying Remarks field
44	Text Area	Remarks	To input remarks when there's a

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			revision or reason to reject the PO		
45	Label	Revision History	Displaying Revision Hisroty field		
46	Label	User Name	Displaying User Name column name of Revision History Table		
47	Label	Date	Displaying Date column name of Revision History Table		
48	Label	Status	Displaying Status column name of Revision History Table		
Foote	er				
49	Button	Check	To change PO status as checked		
50	Button	Approve	To change PO status as aproved		
51	Button	Reject	To change PO status as rejected		
52	Button	Revise	To change PO status as revised		
Confi	Confirmation Pop Up Dialog				
53	Label	Check/ Revise/ Reject/ Approve Confirmation	Displaying Check/ Revise/ Reject/ Approve Confirmation pop up dialog title		
54	Label	Are you sure you want to check/ revise/ reject/ approve?	Displaying note for user		
55	Button	Yes	To confirm user that they want to do the action		
56	Button	No	To confirm user that they want to cancel the action		

3.7 Operation Description

No	Operation Name	De	scription			
1	Initial view of List	The	The screen for List of PO:			
	of PO	1.	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 PO Creation Date	Active	
			Date Picker	End PO Creation Date	Active	
			Button	Search	Active	
			Drop down	Show Entries	Active	Default value is 10
			box			
			Label	List of Purchase Order	Not Active	
			Label	DSF Office	Not Active	
			Label	Agreement Number	Not Active	
			Label	Customer Name	Not Active	
			Label	PO Number	Not Active	
			Label	Supplier Name	Not Active	
			Label	Item List	Not Active	

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		Label	Qty	Not Active	
		Label	Item Price	Not Active	
		Label	Created By	Not Active	
		Label	Created Date	Not Active	
		Label	Status	Not Active	
		Label	Action	Not Active	
		Label	PO status	Not Active	
		Label	View PO	Active	
		Button	Edit PO	Not Active	Active when PO status is draft or revised
		Button	Print PO	Active	Active when PO status is submitted
		Button	First Page	Not Active	Active when view is not the First Page
		Button	Previous Page	Not Active	Active when view is not the First Page
		Button	Page Number	Not Active	
		Button	Next Page	Active	Active depending on the current entry
		Button	Last Page	Active	Active depending on the current entry
		Button	Print Report	Active	
	tial view of Thew Purchase	ne screen for 1. Compon	View Purchase Order: ent Status;		
	der	Component	Name/Caption	Status	Remark
		Label	Create Purchase Order	Not Active	Remark
		Button	Back	Active	
		Label	Created By	Not Active	
		Label	Creator Name	Not Active	
		Label	Created Date	Not Active	
		Label	PO Creation Date	Not Active	+
		Label	Last Modified Date	Not Active	
		Label	Last Modified Date	Not Active	
		Label	Last Modified Date	Not Active	
		Label Label	Last Modified Date Purchase Order	Not Active	
		Lanei	Information	NOL ACTIVE	
		Text Box	Agreement Number	Not Active	
1 1		Text Box	PO Number	Not Active	
					Automatic calculate,
		Label	Valid Until (mm/dd/yyyy)	Not Active	formula: PODate + valid days
		Label Text Box		Not Active	PODate + valid
			(mm/dd/yyyy)		PODate + valid
		Text Box	(mm/dd/yyyy) Valid Days	Not Active	PODate + valid

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		Text Box	UP	Not Active	
		Text Box	Delivery Place	Not Active	
		Label	Purchase Order Item	Not Active	
		Text Box	Number	Not Active	Automatic generate
		Text Box	Item Description	Not Active	Automatic generate from
		Text Box	Qty	Not Active	Agreement table based on nomor
		Text Box	OTR Price	Not Active	Agreement
		Text Box	Total Price	Not Active	
		Text Box	Total Net PO	Not Ative	Automatic calculate, formula: Sum PODate + valid days
		Text Box	Terms and Condition	Not Ative	
		Label	User Name	Not Active	
		Label	Date	Not Active	
		Label	Status	Not Active	
		Text Box	Remarks	Active	
		Button	Check	Active	
		Button	Approve	Active	
		Button	Reject	Active	
		Button	Revise	Active	
3	Poviso PO	Input			

3 Revise PO

Input:

- 1. Access menu OLSS
- 2. Hover to menu Procurement
- 3. Click on List of Purchase Order sub menu
- 4. Select the view button at the row of PO which will be revised



Constraint:

- a. User can only choose one PO to be viewed at one time
- 5. Put revision message at Remarks text field
- 6. Click Revise button



7. Confirmation dialog 3 with 'Are you sure you want to revise?' message will be displayed after user click Revise button.

Constraint:

- a. User must insert revision at Remarks text field to able to click Revise button.
- b. Validation and revise process will be executed after user click Yes button at confirmation dialog.

Process:

1. When user click view button, system will displays View Purchase Order screen which data is taken from Tb_PRO_PO, Tb_PRO_PODtl, Tb_PRO_PO which is described at the following table:

View Purchase Order Field	Source
Agreement Number	Tb_PRO_PO.AgreementNumber
PO Number	Th PRO PO.PONumber

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Tb_PRO_PO.PODate +
Tb_PRO_PO.ValidDays
Tb_PRO_PO.ValidDays
Supplier.SupplierName where
Supplier.IdSupplier = Tb_PRO_PO.IdSupplier
Tb_PRO_PO.ValidDays
Tb_PRO_PO.POUp
Tb_PRO_PO.DIvPlace
Tb PRO PODtl.ProductCode if isUnit = 1
Tb_PRO_PODtl.AccessoriesType if is
Accessories = 1
Tb PRO PODtl.CarrosserieType if
isCarrosserie = 1
Tb_PRO_PODtl.MaintenanceType +
Tb_PRO_PODtl.MaintenancePeriod if
isMaintenance = 1
Tb_PRO_PODtl.Qty
Tb PRO PODtl.OTRPrice
Total Price * Qty
Sum of Total Price
Tb_PRO_POTc.IdTb_PRO_POmTc where
Tb_PRO_POTc.IdTb_PRO_PO =
Tb_PRO_PO.IdTb_PRO_PO
Tb_PRO_POTc.IdTb_PRO_POtTc where
Tb_PRO_POTc.IdTb_PRO_PO =
Tb_PRO_PO.IdTb_PRO_PO

- 2. System will set Revise button as active when the user who login to the System is DSF Authorized Person who has the permission to revise (Tb_SYS_ApprovalSettingDtl.isCheck = true or Tb_SYS_ApprovalSettingDtl.isApproval = true) refers to the Setting Approval Path, FC.C.1.
- 3. Revise button will be enabled when Remarks column has been filled.
- 4. When Revise button is clicked, System will:
 - Add value at TB_PRO_PO.POStatus with Tb_OPL_Status.Id Tb_OPL_Status which Tb_OPL_Status.StatusName = revised.
 - Add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are: User Name, Date and Status (Tb_OPL_Status.StatusName = revised).
 - System will add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are:

Field Name	Value
ProcessId	New GUID
OriginalId	Tb_PRO_PO.IdTb_PRO_PO
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Tb_OPL_Status.StatusCode = Revise

Output:

- 1. Confirmation pop up when, Screen 3, will be displayed when user has clicked Revise button.
- 2. Success notification, Screen 4, will be displayed when user cliked Yes button at Confirmation pop up and data has been updated successfully.

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		3. The revised PO would be shown at List of Purchase Order screen with status as revised Alternative: N/A
3	Check PO	Input: 1. Access menu OLSS 2. Hover to menu Procurement 3. Click on List of Purchase Order sub menu 4. Select the view button at the row of PO which will be checked Constraint: a. User can only choose one PO to be viewed at one time b. Click Check button
		 5. Confirmation dialog 3 with 'Are you sure you want to check?' message will be displayed after user click Check button. Constraint: a. Validation and check process will be executed after user click Yes button at confirmation dialog. Process: 1. When user has the priviledge to check, system will hide Approve and Reject button and displayed Check button and Revise button.

When user click view button, system will displays View Purchase Order screen which data is taken from Tb_PRO_PO, Tb_PRO_PODtl, Tb_PRO_PO which is described at the following table:

 View Purchase

| Source | Course | Cou

View Purchase Order Field	Source
Agreement Number	Tb_PRO_PO.AgreementNumber
PO Number	Tb_PRO_PO.PONumber
Valid Until	Tb_PRO_PO.PODate +
(mm/dd/yyyy)	Tb_PRO_PO.ValidDays
Valid Days	Tb_PRO_PO.ValidDays
Supplier Name	Supplier.SupplierName where Supplier.IdSupplier = Tb_PRO_PO.IdSupplier
Expected Delivery Period (days)	Tb_PRO_PO.ValidDays
UP	Tb_PRO_PO.POUp
Delivery Place	Tb_PRO_PO.DlvPlace
	Tb_PRO_PODtl.ProductCode if isUnit = 1
	Tb_PRO_PODtl.AccessoriesType if is
	Accessories = 1
Item Description	Tb_PRO_PODtl.CarrosserieType if
Item Description	isCarrosserie = 1
	Tb_PRO_PODtl.MaintenanceType +
	Tb_PRO_PODtl.MaintenancePeriod if
	isMaintenance = 1
Qty	Tb_PRO_PODtl.Qty
OTR Price	Tb_PRO_PODtl.OTRPrice
Total Price	Total Price * Qty
Total Net PO	Sum of Total Price

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Terms and Condition text Field	Tb_PRO_POTc.IdTb_PRO_POmTc where Tb_PRO_POTc.IdTb_PRO_PO = Tb_PRO_PO.IdTb_PRO_PO
Parametereter at Terms and Condition	Tb_PRO_POTc.IdTb_PRO_POtTc where Tb_PRO_POTc.IdTb_PRO_PO = Tb_PRO_PO.IdTb_PRO_PO

- 3. System will set Check button as active when the user who login to the System is DSF Authorized Person who has the permission to check (Tb_SYS_ApprovalSettingDtl.isCheck = true) refers to the Setting Approval Path, FC.C.1.
- 4. When Check button is exist, the Approve button will be disappear.
- 5. When Check button is clicked, System will:
 - Add value at TB_PRO_PO.POStatus with Tb_OPL_Status.Id Tb_OPL_Status which Tb_OPL_Status.StatusName = checked.
 - Add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are: User Name, Date and Status (Tb_OPL_Status.StatusName = cheked).
 - System will add a new Log of PO action to Tb_PRO_PO_History.
 Data which should be inserted are:

Field Name	Value
ProcessId	New GUID
OriginalId	Tb_PRO_PO.IdTb_PRO_PO
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Tb_OPL_Status.StatusCode = Check

Output:

- 1. Confirmation pop up when, Screen 3, will be displayed when user has clicked Check button.
- 2. Success notification, Screen 4, will be displayed when user cliked Yes button at Confirmation pop up and data has been updated successfully.
- 3. The revised PO would be shown at List of Purchase Order screen with status as **checked**

Alternative:

N/A

4 Approve PO

Input:

- 1. Access menu OLSS
- 2. Hover to menu Procurement
- 3. Click on List of Purchase Order sub menu
- 4. Select the view button at the row of PO which will be approved



Constraint:

- 5. User can only choose one PO to be viewed at one time
- 6. Click Approve button



7. Confirmation dialog 3 with 'Are you sure you want to approve?' message will be displayed after user click Approve button.

<u>Constraint:</u>

a. Validation and approve process will be executed after user click

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Yes button at confirmation dialog.

Process:

- 1. When user has the priviledge to reject, system will hide Check button and displayed Revise, Approve and Reject button.
- 2. When user click view button, system will displays View Purchase Order screen which data is taken from Tb_PRO_PO, Tb_PRO_PODtl, Tb_PRO_PO which is described at the following table:

View Purchase Order Field	Source
Agreement Number	Tb_PRO_PO.AgreementNumber
PO Number	Tb_PRO_PO.PONumber
Valid Until	Tb_PRO_PO.PODate +
(mm/dd/yyyy)	Tb_PRO_PO.ValidDays
Valid Days	Tb_PRO_PO.ValidDays
Supplier Name	Supplier.SupplierName where Supplier.IdSupplier = Tb_PRO_PO.IdSupplier
Expected Delivery Period (days)	Tb_PRO_PO.ValidDays
UP	Tb_PRO_PO.POUp
Delivery Place	Tb_PRO_PO.DlvPlace
Item Description	Tb_PRO_PODtl.ProductCode if isUnit = 1 Tb_PRO_PODtl.AccessoriesType if is Accessories = 1 Tb_PRO_PODtl.CarrosserieType if isCarrosserie = 1 Tb_PRO_PODtl.MaintenanceType + Tb_PRO_PODtl.MaintenancePeriod if isMaintenance = 1
Qty	Tb_PRO_PODtl.Qty
OTR Price	Tb PRO PODtl.OTRPrice
Total Price	Total Price * Qty
Total Net PO	Sum of Total Price
Terms and Condition text Field	Tb_PRO_POTc.IdTb_PRO_POmTc where Tb_PRO_POTc.IdTb_PRO_PO = Tb_PRO_PO.IdTb_PRO_PO
Parametereter at Terms and Condition	Tb_PRO_POTc.IdTb_PRO_POtTc where Tb_PRO_POTc.IdTb_PRO_PO = Tb_PRO_PO.IdTb_PRO_PO

- 3. System will set Approve button as active when the user who login to the System is DSF Authorized Person who has the permission to approve (Tb_SYS_ApprovalSettingDtl.isApproval = true) refers to the Setting Approval Path, FC.C.1.
- 4. When Approve button is exist, the Check button will be disappear.
- 5. When Approve button is clicked, System will:
 - Add value at TB_PRO_PO.POStatus with Tb_OPL_Status.Id Tb_OPL_Status which Tb_OPL_Status.StatusName = Approved.
 - Add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are: User Name, Date and Status (Tb_OPL_Status.StatusName = approved).
 - System will add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are:

Field Name	Value
ProcessId	New GUID

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OriginalId	Tb_PRO_PO.IdTb_PRO_PO
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Tb_OPL_Status.StatusCode = Approve
•	

Output:

- 1. Confirmation pop up when, Screen 3, will be displayed when user has clicked Approve button.
- 2. Success notification, Screen 4, will be displayed when user cliked Yes button at Confirmation pop up and data has been updated successfully.
- 3. The revised PO would be shown at List of Purchase Order screen with status as **approved**

Alternative:

N/A

5 Reject PO

Input:

- 1. Access menu OLSS
- 2. Hover to menu Procurement
- 3. Click on List of Purchase Order sub menu
- 4. Select the view button at the row of PO which will be rejected



Constraint:

- a. User can only choose one PO to be viewed at one time
- b. Put revision message at Remarks text field
- 5. Click Reject button



- 6. Confirmation dialog 3 with 'Are you sure you want to reject?' message will be displayed after user click Reject button. Constraint:
 - a. User must insert revision at Remarks text field to able to click Reject button.
 - b. Validation will be executed after user click Yes button at confirmation dialog.

Process:

- 1. When user has the priviledge to reject, system will hide Check button and displayed Revise, Approve and Reject button.
- 2. When user click view button, system will displays View Purchase Order screen which data is taken from Tb_PRO_PO, Tb_PRO_PODtl, Tb_PRO_PO which is described at the following table:

View Purchase Order Field	Source
Agreement Number	Tb_PRO_PO.AgreementNumber
PO Number	Tb_PRO_PO.PONumber
Valid Until	Tb_PRO_PO.PODate + Tb_PRO_PO.ValidDays
(mm/dd/yyyy)	
Valid Days	Tb_PRO_PO.ValidDays
Supplier Name	Supplier.SupplierName where Supplier.IdSupplier = Tb_PRO_PO.IdSupplier
Expected Delivery Period (days)	Tb_PRO_PO.ValidDays

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UP	Tb_PRO_PO.POUp
Delivery Place	Tb_PRO_PO.DlvPlace
	Tb_PRO_PODtl.ProductCode if isUnit = 1
	Tb_PRO_PODtl.AccessoriesType if is
	Accessories = 1
Item Description	Tb_PRO_PODtl.CarrosserieType if
Item Description	isCarrosserie = 1
	Tb_PRO_PODtl.MaintenanceType +
	Tb_PRO_PODtl.MaintenancePeriod if
	isMaintenance = 1
Qty	Tb_PRO_PODtl.Qty
OTR Price	Tb_PRO_PODtl.OTRPrice
Total Price	Total Price * Qty
Total Net PO	Sum of Total Price
Tamas and Candition	Tb_PRO_POTc.IdTb_PRO_POmTc where
Terms and Condition	Tb_PRO_POTc.IdTb_PRO_PO =
text Field	Tb_PRO_PO.IdTb_PRO_PO
Downwater at	Tb_PRO_POTc.IdTb_PRO_POtTc where
Parametereter at	Tb_PRO_POTc.IdTb_PRO_PO =
Terms and Condition	Tb_PRO_PO.IdTb_PRO_PO

- 3. System will set Reject button as active when the user who login to the System is DSF Authorized Person who has the permission to reject (Tb_SYS_ApprovalSettingDtl.isApproval = true) refers to the Setting Approval Path, FC.C.1.
- 4. Reject button will be enabled when Remarks column has been filled.
- 5. When Reject button is clicked, System will:
 - Add value at TB_PRO_PO.POStatus with Tb_OPL_Status.Id
 Tb_OPL_Status which Tb_OPL_Status.StatusName = rejected
 - Add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are: User Name, Date and Status (Tb_OPL_Status.StatusName = rejected).
 - System will add a new Log of PO action to Tb_PRO_PO_History. Data which should be inserted are:

Field Name	Value
ProcessId	New GUID
OriginalId	Tb_PRO_PO.IdTb_PRO_PO
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Tb_OPL_Status.StatusCode = Reject

Output

- 1. Confirmation pop up when, Screen 3, will be displayed when user has clicked Reject button.
- 2. Success notification, Screen 4, will be displayed when user cliked Yes button at Confirmation pop up and data has been updated successfully.
- 3. The revised PO would be shown at List of Purchase Order screen with status as **rejected**

Alternative:

N/A

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3.8 Data Structure

TB_PRO_PO

IB_PRO_PO						
Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_PRO_PO	Int	N/A	Tb_PRO_PO.IdT b_PRO_PO	Primary Key	No	No
PONumber	Varchar	10	Tb_PRO_PO.PO Number	System gereate automatically, it should detect which is true at these column field: isUnit, isCarrosserie, isAccessories, isMaintenance for one agreement	No	Yes
AgreementNum ber	Varchar	50	OPLAgreement. AgreementNum ber	Where TB_PRO_PO.IdOPLAgreem ent = OPLAgreement.IdOPLAgree ment	No	Yes
DSFOffice	Varchar	5	TB_OPL_Branch .BranchShortNa me	Where TB_PRO_PO.BranchId = TB_OPL_Branch.IdTb_OPL Branch	No	Yes
SupplierName	Varchar	50	Supplier.Supplie rName	Where TB_PRO_PO.IdSupplier = Supplier.IdSupplier AND OPLAgreement.Agreement Number = TB_PRO_PO. AgreementNumber AND OPLAgreement.IdSKD = TB_MKT_SKD.IdSKD	No	Yes
CustomerName	Varchar	50	Customer.Custo merName	Where TB_PRO_PO.IdCustomer = Customer.CustomerName	No	Yes
CreatedBy	Varchar	25	TB_PRO_PO.Cre atedBy		No	Yes
CreatedDate	Datetime	N/A	TB_PRO_PO.Cre atedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
POStatus	Char	3	TB_PRO_PO.PO Status	Value taken from TB_OPL_Status.IdTB_OPL_ Status	No	Yes
LastModifiedBy	Varchar	25	TB_PRO_PO.Las tModifiedBy		No	Yes
LastModifiedDa te	Datetime	N/A	TB_PRO_PO.Las tModifiedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
ExpDate	Datetime	N/A	TB_PRO_PO.Exp Date	Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
isDelete	Boolean	N/A	TB_PRO_PO.isD elete	This field is used to hide some row data on the list but not deleted it	Yes	No
RemarksSys	Varchar	100	TB_PRO_PO.Re marksSys	This field is used to give a reason why isDelete = 1	Yes	No

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IdProcess	Integer	10	TB_PRO_PO.IdP rocess	This field is used to identifier for workflow	No	Yes
DeliveryPeriod	Integer	10	TB_PRO_PO.Dlv Period	Value for Expected Delivery Period field	No	Yes
DeliveryPlace	Varchar	200	TB_PRO_PO.Dlv Place		No	Yes
ApprovalDate	Datetime	N/A	TB_PRO_PO.Ap provalDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
PODate	Datetime	N/A	TB_PRO_PO.PO Date	This field is used to set the PO date which will be printed on the PO document. Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
UP	Varchar	20	TB_PRO_PO.PO UP		No	Yes
PORemarks	Varchar	500	TB_PRO_PO.PO Remarks	This field is used to save remarks field when there's a revision or to reject PO	No	Yes

TB_PRO_PODtl

TB_PRO_POD	ti					
Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_PRO_POD tl	Int	N/A	Tb_PRO_PODtl.IdTb_ PRO_PODtl	Primary Key	No	Yes
IdTb_PRO_PO	Int	N/A	Tb_PRO_PO.IdTb_PR O_PO	Foreign Key	No	Yes
isUnit	Boolean	N/A	TB_PRO_PODtl.isUnit		No	Yes
isAccessories	Boolean	N/A	TB_PRO_PODtl. isAccessories		No	Yes
isCarrosserie	Boolean	N/A	TB_PRO_PODtl. isCarrosserie		No	Yes
isMaintenance	Boolean	N/A	TB_PRO_PODtl. isMaintenance		No	Yes
ProductCode	Varchar	100	OPLAgreementDetail s.ProductCode	Where TB_PRO_PODtl.IdTb_ PRO_PO = TB_PRO_PO AND TB_PRO_PO.Agreeme ntNumber = OPLAgreement.Agree mentNumber	No	Yes
CarrosserieTyp e	Varchar	100	OPLAgreementDetail s.CarrosserieType	Where TB_PRO_PODtl.IdTb_ PRO_PO = TB_PRO_PO AND TB_PRO_PO.Agreeme ntNumber = OPLAgreement.Agree mentNumber	No	Yes
AccessoriesTyp e	Varchar	100	OPLAgreementDetail s.AccessoriesType	Where TB_PRO_PODtl.IdTb_ PRO_PO = TB_PRO_PO AND	No	Yes

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	1		1	T		
				TB_PRO_PO.Agreeme ntNumber = OPLAgreement.Agree mentNumber		
MaintenanceTy pe	Varchar	100	Product.ModelName and OPLBasicCondition.M aintenancetype	where OPLBasicCondition.Ag reementNumber = TB_PRO_PO.OPLAgree mentNumber	No	Yes
MaintenanceIte m	Varchar	100	OPLBasicCondition.Pr oductCode	where OPLBasicCondition.Ag reementNumber = TB_PRO_PO.OPLAgree mentNumber	No	Yes
MaintenancePer iod	Varchar	100	OPLBasicCondition.E ndPeriod - OPLBasicCondition.St artPeriod	where OPLBasicCondition.Ag reementNumber = TB_PRO_PO.OPLAgree mentNumber	No	Yes
Qty	Integer	10	OPLAgreementDtl.Qt y	Where TB_PRO_PODtl.IdTb_ PRO_PO = TB_PRO_PO.IdTB_PR O_PO AND TB_PRO_PO.Agreeme ntNumber = OPLAgreement.Agree ment	No	Yes
OTRPrice	Integer	20	TB_MKT_SKDDtl.Pric e	Where OPLAgreement.Agree mentNumber = TB_PRO_PO. AgreementNumber AND OPLAgreement.IdSKD = TB_MKT_SKD.IdSKD	No	Yes
CreatedBy	Varchar	25	TB_PRO_PODtl.Creat edBy	TD_TRY_SRD.IdSRD	No	Yes
CreatedDate	Datetime	N/A	TB_PRO_PODtl.Creat edDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
LastModifiedBy	Varchar	25	TB_PRO_PODtl.LastM odifiedBy		No	Yes
LastModifiedDa te	Datetime	N/A	TB_PRO_PODtl.LastM odifiedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
isDelete	Boolean	N/A	TB_PRO_PODtl. isDelete		No	Yes
RemarksSys	Varchar	100	TB_PRO_PODtl.Rema rksSys		No	Yes
ListCategory	Varchar	10	TB_PRO_PODtl.ListC ategory		No	Yes

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TB_PRO_POTc

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_PRO_POT c	Int	N/A	Tb_PRO_POTc.IdTb_ PRO_POTc	Primary Key	No	Yes
TermDescrFirst	Varchar	150	TB_PRO_POTc. TermDescrFirst		No	Yes
TermDescrLast	Varchar	150	TB_PRO_POTc. TermDescrLast		No	Yes
CreatedBy	Varchar	25	TB_PRO_POTc.Creat edBy		No	Yes
CreatedDate	Datetime	N/A	TB_PRO_POTc.Creat edDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
isDefault	Boolean	N/A	TB_PRO_POTc.isDefa		No	Yes
isDelete	Boolean	N/A	TB_PRO_POTc.isDele te		No	Yes
RemarksSys	Varchar	100	TB_PRO_POTc.Rema rksSys		No	Yes
isUnit	Boolean	N/A	TB_PRO_POTc.isUnit		Yes	No
isAccessories	Boolean	N/A	TB_PRO_POTc.isAcce ssories		Yes	No
isCarrosserie	Boolean	N/A	TB_PRO_POTc. isCarrosserie		Yes	No
isMaintenance	Boolean	N/A	TB_PRO_POTc. isMaintenance		Yes	No

TB_PRO_POTcParameter

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTB_PRO_POT cParameter	Varchar	N/A	TB_PRO_POTcParam eter.IdTB_PRO_POTc Parameter	Primary Key	No	Yes
IdTb_PRO_POT c	Int	N/A	Tb_PRO_POTc.IdTb_ PRO_POTc	Foreign Key	No	Yes
IdTb_PRO_PO	Int	N/A	Tb_PRO_PO.IdTb_PR O_PO	Foreign Key	No	Yes
ParameterValue	Varchar	50	TB_PRO_POTcParam eter.ParameterValue		No	Yes
CreatedBy	Varchar	25	TB_PRO_POTcParam eter.CreatedBy		No	Yes
CreatedDate	Datetime	N/A	TB_PRO_POTcParam eter.CreatedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
isDelete	Boolean	N/A	TB_PRO_POTcParam eter.isDelete		No	Yes
RemarksSys	Varchar	100	TB_PRO_POTcParam eter.RemarksSys		No	Yes

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Tb_PRO_PO_History

Field Name	Data Type	Length	Source Remarks I		Nullable	Mandatory
ProcessId	Varchar	N/A	Tb_PRO_PO_History. ProcessId	Primary Key New guid	No	Yes
OriginalId	Int	N/A	Tb_PRO_PO_History. OriginalId	Tb_PRO_PO.IdTb_PR O_PO	No	Yes
CreatedDate	Datetime	N/A	Tb_PRO_PO_History. CreatedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
CreatedBy	Varchar	25	Tb_PRO_PO_History. CreatedBy	Sys.CurrentUser	No	Yes
Action	Varchar	100	Tb_PRO_PO_History.		No	Yes

Tb_PRO_PO_History_Dtl

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
ProcessId	Int	N/A	Tb_PRO_PO_His tory_Dtl. ProcessId	Primary Key New guid	No	No
PONumber	Varchar	10	Tb_PRO_PO.PO Number	System gereate automatically, it should detect which is true at these column field: isUnit, isCarrosserie, isAccessories, isMaintenance for one agreement	No	Yes
AgreementNum ber	Varchar	50	OPLAgreement. AgreementNum ber	Where TB_PRO_PO.IdOPLAgreem ent = OPLAgreement.IdOPLAgree ment	No	Yes
DSFOffice	Varchar	5	TB_OPL_Branch .BranchShortNa me	Where TB_PRO_PO.BranchId = TB_OPL_Branch.IdTb_OPL _Branch	No	Yes
SupplierName	Varchar	50	Supplier.Supplie rName	Where TB_PRO_PO.IdSupplier = Supplier.IdSupplier AND OPLAgreement.Agreement Number = TB_PRO_PO. AgreementNumber AND OPLAgreement.IdSKD = TB_MKT_SKD.IdSKD	No	Yes
CustomerName	Varchar	50	Customer.Custo merName	Where TB_PRO_PO.IdCustomer = Customer.CustomerName	No	Yes
CreatedBy	Varchar	25	TB_PRO_PO.Cre atedBy		No	Yes
CreatedDate	Datetime	N/A	TB_PRO_PO.Cre atedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes

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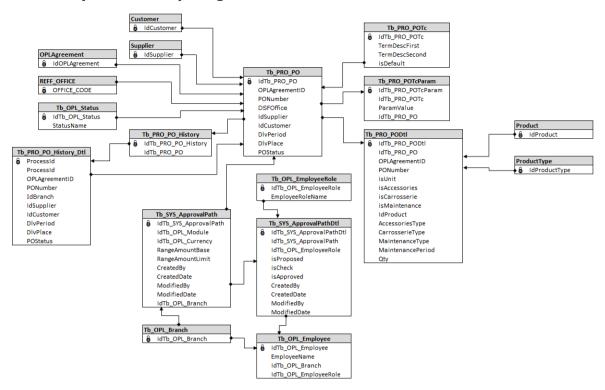
Status	Varchar	10	TB_PRO_PO.PO Status	Value taken from TB_OPL_Status.IdTB_OPL_ Status	No	Yes
LastModifiedBy	Varchar	25	TB_PRO_PO.Las tModifiedBy		No	Yes
LastModifiedDa te	Datetime	N/A	TB_PRO_PO.Las tModifiedDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
ExpDate	Datetime	N/A	TB_PRO_PO.Exp Date	Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
isDelete	Boolean	N/A	TB_PRO_PO.isD elete	This field is used to hide some row data on the list but not deleted it	Yes	No
RemarksSys	Varchar	100	TB_PRO_PO.Re marksSys	This field is used to give a reason why isDelete = 1	Yes	No
IdProcess	Integer	10	TB_PRO_PO.IdP rocess	This field is used to identifier for workflow	No	Yes
DeliveryPeriod	Integer	10	TB_PRO_PO.Dlv Period	Value for Expected Delivery Period field	No	Yes
DeliveryPlace	Varchar	200	TB_PRO_PO.Dlv Place		No	Yes
ApprovalDate	Datetime	N/A	TB_PRO_PO.Ap provalDate	Sys.CurrentDate Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
PODate	Datetime	N/A	TB_PRO_PO.PO Date	This field is used to set the PO date which will be printed on the PO document. Format "YYYY-MM-DD hh:mm:ss.[nnn]"	No	Yes
UP	Varchar	20	TB_PRO_PO.PO UP		No	Yes
PORemarks	Varchar	500	TB_PRO_PO.PO Remarks	This field is used to save remarks field when there's a revision or to reject PO	No	Yes

3.9 Screen Item List

N/A

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3.10 Entity Relationship Diagram



APPENDIX

Configuration Access for Purchase Order Approval:

User	Branch	Functions						
Osei		Display List	Create	Edit	View	Print Form	Print Report	
	One	V		V	V	V	V	
PIC OPL HO/Branch	Area							
	All							
	One	V			V	V	V	
Marketing Officer	Area							
	All							
	One	V			V	V	V	
Head of Branch	Area							
	All							
	One							
Head of Department	Area							
	All	V			V	V	V	
	One							
Regional Manager	Area	V			V	V	V	
	All							
	One					·	_	
Advisor	Area							
	All	V			V	V	V	
Director	One							

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	Area					
	All	V		٧	V	V
	One					
President Director	Area					
	All	V		٧	V	V
Shareholder's Meeting	One					
	Area					
	All	V		V	V	V

Legend:

V = Have the access