



Pharmacy Information System (PhIS) and Clinic Pharmacy System (CPS)

System Design Document (SDD)

Pharmacy Inventory

Slow Moving Item

| | |
|-------------|-----------------------|
| Version | : 1.0 |
| Document ID | : PhIS_CPS/SDD/PI/SMI |



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**REVISION HISTORY**

| Version No | Date of Release | Prepared by | Reviewed by | List of changes from Previous Version |
|-------------------|------------------------|--------------------|--------------------|--|
| 1.0 | 26/06/2018 | Ilya Syarah | Chew Ming Ping | Document baseline |



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1. Introduction

Pharmaniaga Logistics Sdn. Bhd. executes software development, enhancement and maintenance projects for its clients. The term “project” is used to describe the full set of activities from the time the proposal is accepted and project initiation note or contract is signed to the time all the software and services are delivered according to the acceptance of the proposal/contract.

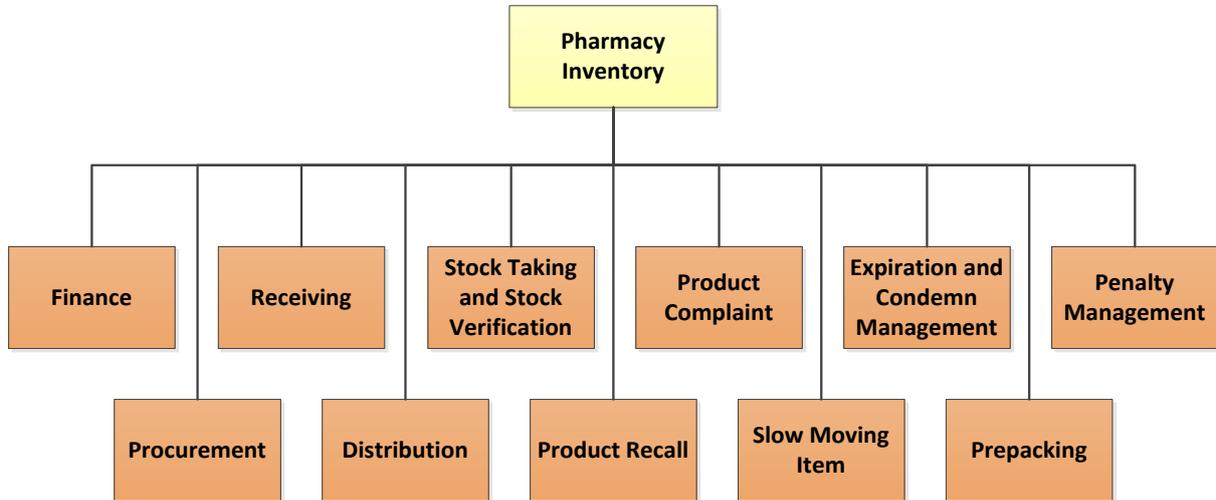
This process is to ensure both user requirements and software requirements of the projects developments are gathered appropriately from stakeholders and are documented in User Requirements Specification (URS) and System Design Documentation (SDD) specifically.

2. Purpose

The purpose of the document is to describe the purpose and functionality of the software product requested by client. This document outlines the project's details, requirements, interface, design issues, and components to ensure that each requirement has been met.

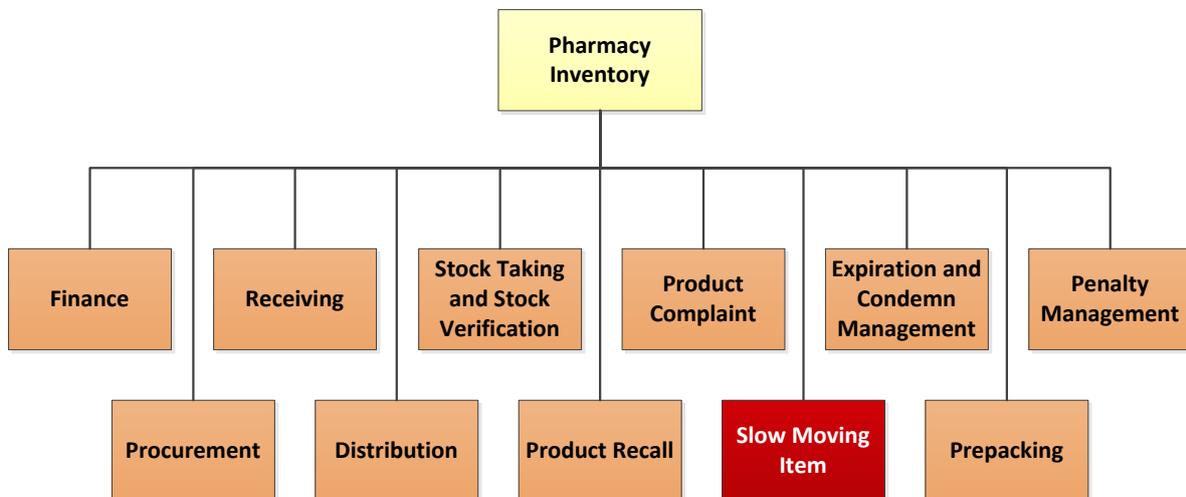
3. Detailed System Design

3.1 Pharmacy Inventory Overview

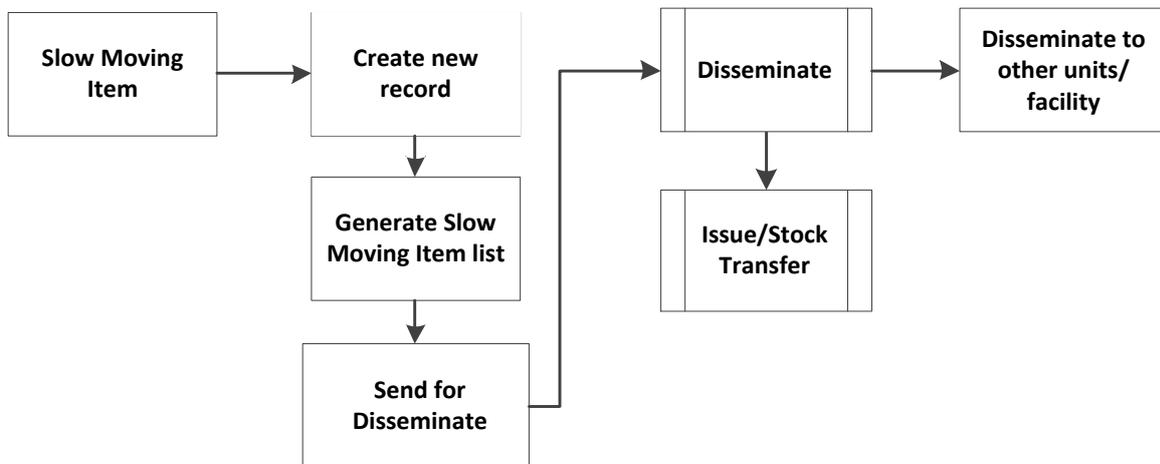


3.2 Slow Moving Item

3.2.1 Overview



3.2.2 Block Diagram

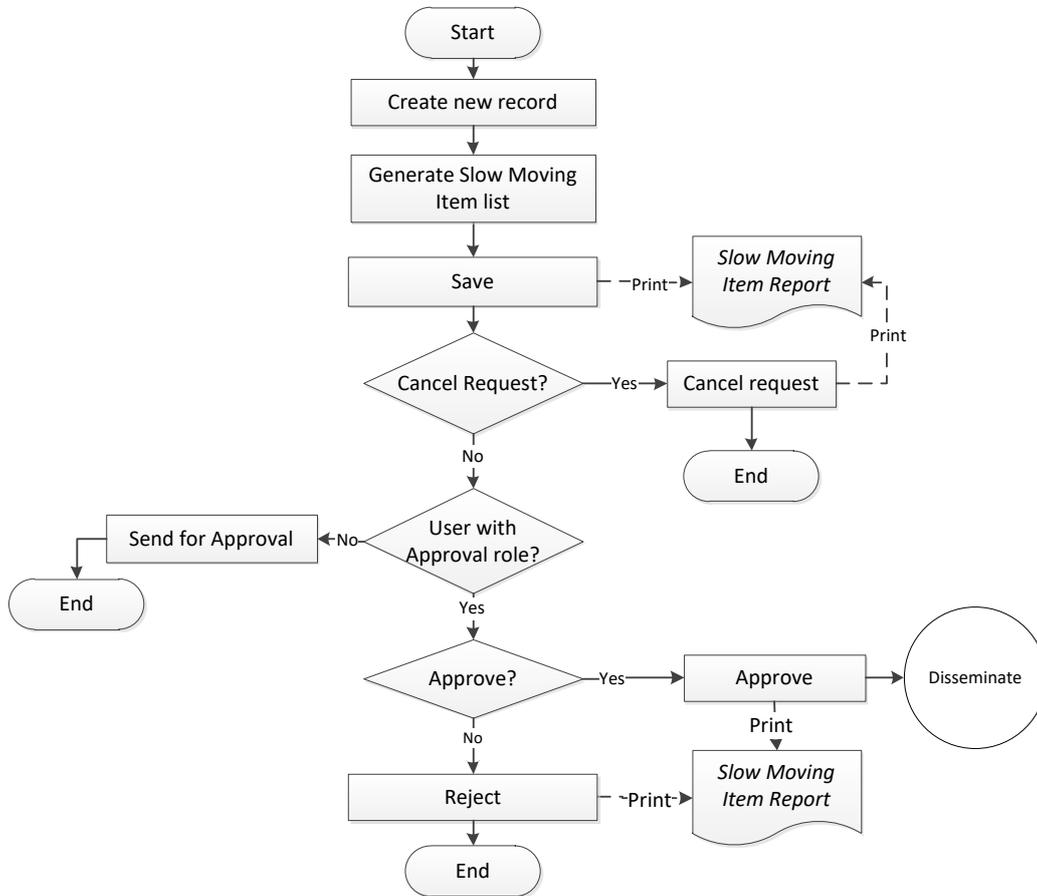


3.2.3 Purpose

This module will be used by Pharmacist at Pharmacy Store/Pharmacy Sub-Stores/Units to generate a list of slow moving item based on the defined slow moving period. Based on the list user able to offer quantity to other units and decrease the stock of the slow moving item at their own unit by performing stock transfer/issuing to interested units. The interested unit can be divided into two:

- i. Pharmacy Store/Pharmacy Sub-Store/Unit in the same facility
- ii. Pharmacy Store at other MOH facility.

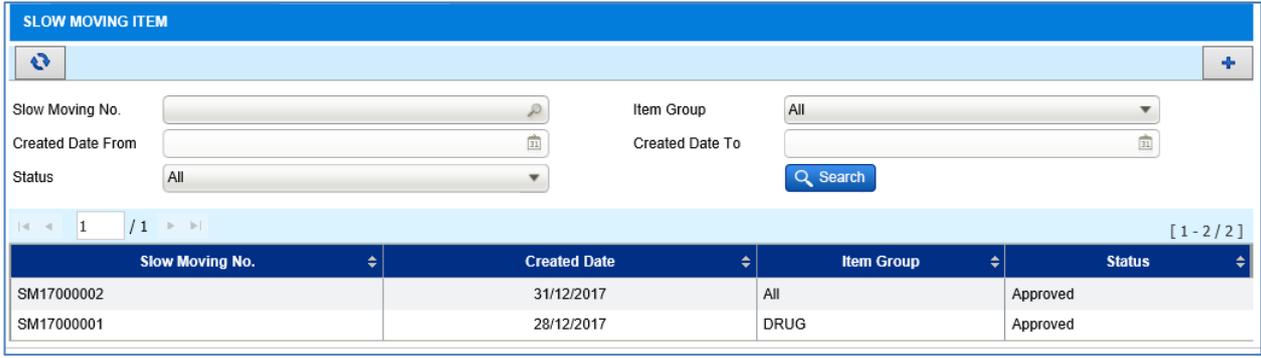
3.2.4 Screen Navigation Diagram



3.2.5 Detail Functionality and Screen

3.2.5.1 Slow Moving Item Listing

3.2.5.1.1 Screen Design

| | |
|--|---|
| ID | SMI.SD1 |
| Description | To search existing Slow Moving Item record |
| Diagram | |
|  | |
| Notes | <ul style="list-style-type: none"> Click on search button to search record Double click on transaction record to view the transaction |
| Cross References | |

3.2.5.1.2 Application Business Rules

| No. | Name | Description |
|-----|------------------------------------|---|
| 1. | Search Transaction | Click on the 'Search' button to search the existing record: <ol style="list-style-type: none"> If user enters multiple search criteria, system will display the search results based on the specified criteria If no criteria entered, system will display all transactions System will display the records that match any keyword entered regardless of the letter type (uppercase or lowercase). |
| 2. | View search result in listing page | Columns in search result listing are displayed based on: <ol style="list-style-type: none"> Slow Moving No.: Display the 'Slow Moving No.' based on transaction. Created Date: Display the 'Created Date' based on transaction. Item Group: Display the 'Item Group' based on transaction. Status: Display the 'Status' based on transaction. |
| 3. | Slow Moving Item Transaction | Double click on any record to view the record details. |
| 4. | Create New Transaction | Click on the 'Create New Record (+)' button to create new transaction record. |
| 5. | Refresh Listing | Click on the 'Refresh' button to reset all search criteria: <ol style="list-style-type: none"> Slow Moving No. – Display as empty field |



| No. | Name | Description |
|-----|-------------|---|
| | | ii. Item Group – Display as ‘All’ iii. Created Date From – Display as empty field iv. Created Date To – Display as empty field v. Status – Display as ‘All’ Search results will display all records based on above reset search criteria. |
| 6. | User access | User from any unit regardless of unit level, is allowed to create record however limited to the given user access role. Record displayed in the listing page is according to the user login unit, only able to view record created by same unit as user’s unit. |

3.2.5.1.3 *Input Validation Rules*

| No. | Name | Description | Mandatory | Format |
|-----|----------------------|--|-----------|-----------------|
| 1. | Slow Moving No. | Field will list all previous Slow Moving Item transactions. User able to search the list based on the selected Slow Moving No. | No | Searching field |
| 2. | Item Group | Default to ‘All’ however user can select specific Item Group: <ul style="list-style-type: none"> • Drug • Non-Drug Values are displayed from Reference Codes maintenance screen with domain = ‘ITEM_GROUP_ALL’. | No | Drop down list |
| 3. | Created Date From/To | Able to enter or select applicable date. Searching will be based on the value in ‘Created Date’ field in transaction screen. | No | Calendar |
| 4. | Status | Default to ‘All’ however user can select specific status: <ul style="list-style-type: none"> • Approved • Cancelled • Open • Pending for Approval • Rejected Values are displayed from Reference Codes maintenance screen with domain = ‘SLOWMOVING_ITEM_STATUS’. | No | Drop down list |



3.2.5.2 Create new Slow Moving Item record

3.2.5.2.1 Screen Design

| | |
|--------------------|--|
| ID | SMI.SD2 |
| Description | To create new Slow Moving Item record. |

Diagram

i. Create new record

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK
 Slow Moving Period: 3 Months
 Item Group: All
 Status: Open
 Reject Reason:
 Slow Moving No.:
 Created Date: 22/06/2018 05:07:54 PM
 Send for Disseminate?: No
 Created By: System Administrator
 UOM: SKU

SLOW MOVING ITEM LIST

1 / 1

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|-------------------|------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| No Records Found! | | | | | | | | |

ii. Click on generate slow moving item list

SLOW MOVING ITEM LIST

1 / 18 [1 - 10 / 172]

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|-----------------------|---|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 09.3001.27 | Plaster of Paris 20 cm x 2.7 m | pack of 1 roll | 120 (roll) | 1 | 120.00 (pck) | | 0 | 0 |
| 12.2629.11 | Disposable Needle 26 G x 25 mm | pack of 100 pieces | 9,000 (pc) | 100 | 90.00 (pck) | 12/03/2018 | 0 | 0 |
| 12.0413.01 | Yankeur Suction Tip | Pack of 100 Pieces | 700 (EA) | 100 | 7.00 (pck) | | 0 | 0 |
| G1010460013.00 | ID Bracelet Baby - Blue | pack of 100 each | 3,000 (EA) | 100 | 30.00 (pck) | 21/02/2018 | 0 | 0 |
| RAW00080.03 | Silver Nitrate Crystal | pack of 100 gram | 100 (g) | 100 | 1.00 (pck) | 18/08/2016 | 0 | 0 |
| G1120340001.00 | Lotion Plastic Bottle, 90ml | each | 8,000 (EA) | 1 | 8,000.00 (EA) | 15/11/2016 | 0 | 0 |
| G1010250023.00 | ID Bracelet Adult, Pink | pack of 100 each | 4,000 (EA) | 100 | 40.00 (pck) | 21/02/2018 | 0 | 0 |
| 46.3021.03H | Self Compression Plate 3.5mm (Hole Range: 9) | Pack of 5 pc | 15 (pc) | 5 | 3.00 (pck) | | 0 | 0 |
| 13.0003.01 | Resuscitator Bag - Bag Valve Mask (Manual-Adult) | Set | 1 (set) | 1 | 1.00 (set) | 15/01/2018 | 0 | 0 |
| G03AA07954T1001 XX.01 | Levonorgestrel 150mcg+ Ethinylloestradiol 30mcg Tab | Box of 21 tab | 480 (tablet) | 21 | 22.86 (box) | 07/03/2018 | 0 | 0 |



iii. Double click on any item row and view the batch list

SLOW MOVING ITEM BATCH LIST

Item Description: Plaster of Paris 20 cm x 2.7 m Item Code: 09.3001.27
 Packaging Description: pack of 1 roll Conversion Factor: 1

1 / 1 [1 - 1 / 1]

| <input type="checkbox"/> | Batch No. | Expiry Date | Stock Available(SKU) | Stock Available (PKU) | Offer Quantity in SKU | Offer Quantity in PKU |
|--------------------------|-----------|-------------|----------------------|-----------------------|-----------------------|-----------------------|
| <input type="checkbox"/> | 428S17 | 31/10/2020 | 120 (roll) | 120.00 (pck) | 0 | 0.00 |

iv. Update 'Offer Quantity'

SLOW MOVING ITEM BATCH LIST

Item Description: Plaster of Paris 20 cm x 2.7 m Item Code: 09.3001.27
 Packaging Description: pack of 1 roll Conversion Factor: 1

1 / 1 [1 - 1 / 1]

| <input checked="" type="checkbox"/> | Batch No. | Expiry Date | Stock Available(SKU) | Stock Available (PKU) | Offer Quantity in SKU | Offer Quantity in PKU |
|-------------------------------------|-----------|-------------|----------------------|-----------------------|-----------------------|-----------------------|
| <input checked="" type="checkbox"/> | 428S17 | 31/10/2020 | 120 (roll) | 120.00 (pck) | 10 | 10.00 |

v. Save Batch List

SLOW MOVING ITEM

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK Slow Moving No.:
 Slow Moving Period: 3 Months
 Item Group: All Created Date: 22/06/2018 05:09:46 PM
 Status: Open Send for Disseminate?: No
 Reject Reason: Created By: System Administrator
 UOM: SKU

SLOW MOVING ITEM LIST

1 / 18 [1 - 10 / 172]

| <input checked="" type="checkbox"/> | Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|-------------------------------------|-----------------------|---|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <input checked="" type="checkbox"/> | 09.3001.27 | Plaster of Paris 20 cm x 2.7 m | pack of 1 roll | 120 (roll) | 1 | 120.00 (pck) | | 10 | 10.00 |
| <input type="checkbox"/> | 12.2629.11 | Disposable Needle 26 G x 25 mm | pack of 100 pieces | 9,000 (pc) | 100 | 90.00 (pck) | 12/03/2018 | 0 | 0 |
| <input type="checkbox"/> | 12.0413.01 | Yankeur Suction Tip | Pack of 100 Pieces | 700 (EA) | 100 | 7.00 (pck) | | 0 | 0 |
| <input type="checkbox"/> | G1010460013.00 | ID Bracelet Baby - Blue | pack of 100 each | 3,000 (EA) | 100 | 30.00 (pck) | 21/02/2018 | 0 | 0 |
| <input type="checkbox"/> | RAW00080.03 | Silver Nitrate Crystal | pack of 100 gram | 100 (g) | 100 | 1.00 (pck) | 18/08/2016 | 0 | 0 |
| <input type="checkbox"/> | G1120340001.00 | Lotion Plastic Bottle, 90ml | each | 8,000 (EA) | 1 | 8,000.00 (EA) | 15/11/2016 | 0 | 0 |
| <input type="checkbox"/> | G1010250023.00 | ID Bracelet Adult, Pink | pack of 100 each | 4,000 (EA) | 100 | 40.00 (pck) | 21/02/2018 | 0 | 0 |
| <input type="checkbox"/> | 46.3021.03H | Self Compression Plate 3.5mm (Hole Range: 9) | Pack of 5 pc | 15 (pc) | 5 | 3.00 (pck) | | 0 | 0 |
| <input type="checkbox"/> | 13.0003.01 | Resuscitator Bag - Bag Valve Mask (Manual-Adult) | Set | 1 (set) | 1 | 1.00 (set) | 15/01/2018 | 0 | 0 |
| <input type="checkbox"/> | G03AA07954T1001 XX.01 | Levonorgestrel 150mcg+ Ethinylloestradiol 30mcg Tab | Box of 21 tab | 480 (tablet) | 21 | 22.86 (box) | 07/03/2018 | 0 | 0 |



vi. Save record

SLOW MOVING ITEM

Send for Approval Cancel Request

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK Slow Moving No.: SM18000003
 Slow Moving Period: 3 Months Created Date: 22/06/2018 05:09:46 PM
 Item Group: All Send for Disseminate?: No
 Status: Open Created By: System Administrator
 Reject Reason: UOM: SKU

SLOW MOVING ITEM LIST

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|------------|--------------------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 09.3001.27 | Plaster of Paris 20 cm x 2.7 m | pack of 1 roll | 120 (roll) | 1 | 120.00 (pck) | | 10 | 10.00 |

vii. Proceed to Send for Approval and view Task List

TASK LIST

5 / 5 [41 - 48 / 48]

| Transaction Type | Transaction No. | Date/Time | Task Status | From Unit/Department | From User |
|------------------|-----------------|---------------------|----------------------|----------------------|----------------------|
| Slow Moving Item | SM18000003 | 22/06/2018 05:13 PM | Pending For Approval | FARMASI LOGISTIK | System Administrator |

viii. Click on 'Transaction No. hyperlink

SLOW MOVING ITEM

Approve Reject

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK Slow Moving No.: SM18000003
 Slow Moving Period: 3 Months Created Date: 22/06/2018 05:13:05 PM
 Item Group: All Send for Disseminate?: No
 Status: Pending for Approval Created By: System Administrator
 Reject Reason: UOM: SKU

SLOW MOVING ITEM LIST

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|------------|--------------------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 09.3001.27 | Plaster of Paris 20 cm x 2.7 m | pack of 1 roll | 120 (roll) | 1 | 120.00 (pck) | | 10 | 10.00 |

ix. Proceed to 'Approve' record

SLOW MOVING ITEM

Disseminate

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK Slow Moving No.: SM18000003
 Slow Moving Period: 3 Months Created Date: 22/06/2018 05:13:05 PM
 Item Group: All Send for Disseminate?: No
 Status: Approved Created By: System Administrator
 Reject Reason: UOM: SKU

SLOW MOVING ITEM LIST

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|------------|--------------------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 09.3001.27 | Plaster of Paris 20 cm x 2.7 m | pack of 1 roll | 120 (roll) | 1 | 120.00 (pck) | | 10 | 10.00 |



x. Click on 'Disseminate' button

SLOW MOVING ITEM

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK
 Slow Moving Period: 3 Months
 Item Group: All
 Status: Approved
 Reject Reason:
 Slow Moving No.: SM18000003
 Created Date: 22/06/2018 05:13:05 PM
 Send for Disseminate?: Yes
 Created By: System Administrator
 UOM: SKU

SLOW MOVING ITEM LIST

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|------------|--------------------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 09.3001.27 | Plaster of Paris 20 cm x 2.7 m | pack of 1 roll | 120 (roll) | 1 | 120.00 (pck) | | 10 | 10.00 |

xi. If record is 'Rejected' screen will display as below

SLOW MOVING ITEM

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK
 Slow Moving Period: 3 Months
 Item Group: All
 Status: Rejected
 Reject Reason: Rejected
 Slow Moving No.: SM18000005
 Created Date: 22/06/2018 05:29:03 PM
 Send for Disseminate?: No
 Created By: System Administrator
 UOM: SKU

SLOW MOVING ITEM LIST

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|--------------------------|--|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| G03AA07954T1001 XX.01 | Levonorgestrel 150mcg+ Ethinylestradiol 30mcg Tab | Box of 21 tab | 480 (tablet) | 21 | 22.86 (box) | 07/03/2018 | 30 | 1.43 |

xii. If 'Cancel Request' before approval, screen will display as below

SLOW MOVING ITEM

SLOW MOVING ITEM INFORMATION

Unit Name: FARMASI LOGISTIK
 Slow Moving Period: 3 Months
 Item Group: All
 Status: Cancelled
 Reject Reason:
 Slow Moving No.: SM18000004
 Created Date: 22/06/2018 05:27:05 PM
 Send for Disseminate?: No
 Created By: System Administrator
 UOM: SKU

SLOW MOVING ITEM LIST

| Item Code | Item Description | Packaging Description | Stock Available (SKU) | Conversion Factor | Stock Available (PKU) | Last Transaction Date | Offer Quantity in SKU | Offer Quantity in PKU |
|------------|--------------------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 12.2629.11 | Disposable Needle 26 G x 25 mm | pack of 100 pieces | 9,000 (pc) | 100 | 90.00 (pck) | 12/03/2018 | 20 | 0.20 |

Notes

Cross References

PHIS_CPS_SDD_PI v1.2



3.2.5.2.2 Application Business Rules

| No. | Name | Description |
|-----|--------------------------------|---|
| 1. | New Slow Moving Item record | Create new Slow Moving Item record: i. User to fill in all required details ii. Record status displayed as 'Open' by default |
| 2. | Generate Slow Moving Item list | On click of the 'Generate List' button, system will generate a list of slow moving items based on the criteria below: i. All batches group by items which have no issuing transaction done for the last 'Slow Moving Period' specified on screen. - Currently, no condition if the item is newly received. Newly received item will still display in the slow moving item list since the current spec only consider issuing transaction ii. Only item which belongs to user's unit will be displayed. iii. Only item which have available 'Good Stock Quantity' will be displayed. iv. The item which will expire in three months shall not be listed out. Three months prior to expiry date, slow moving shall be managed through Expiration and Condemn Management. v. Once list successfully generated, user to double click any item row and enter the 'Offer Quantity' to send for 'Disseminate'. Not mandatory to select/offer all items/batches in the list. |
| 3. | Save record | On click of Save button: i. Record status remain as 'Open' ii. Only items which user enters the 'Offer Quantity' will remain in the screen. User able to change the 'Offer Quantity' value, however unable to set as '0'. iii. Button 'Save' is displayed iv. Button 'Cancel Request' is displayed v. Button 'Send for Approval' is displayed vi. Button 'Print' is displayed to print the Slow Moving Item report |
| 4. | Cancel Request | On click of 'Cancel Request' button status will update to 'Cancelled' and all fields will display as read-only however able to print the 'Slow Moving Item' report. User able to 'Cancel Request' once already save record but before 'Send for Approval'. |
| 5. | Send for Approval | Applicable for user with or without approval role, on click of 'Send for Approval' button: i. Record status update to 'Pending for Approval' ii. Screen display as read-only iii. Button 'Approve' is displayed iv. Button 'Reject' is displayed |
| 6. | Task list | Task list record will create on click on 'Send for Approval' button as 'Pending for Approval' status. Approver to view the task list and click on the 'Transaction No.' hyperlink to 'Approve' or 'Reject' the record. |



| No. | Name | Description |
|-----|---------------------------------|---|
| 7. | Approve/Reject record | <p>Button 'Approve' and 'Reject' is displayed for user with approval role only. Before 'Approve' record, fields below are editable:</p> <ul style="list-style-type: none"> Offer Quantity (amend quantity only, unable to change to '0'), Reject Reason (mandatory if on click of 'Reject' button only). <p>On click of 'Approve' button:</p> <ol style="list-style-type: none"> Record status will update to 'Approved' Screen will display as read-only, button 'Disseminate' will display. On click of 'Disseminate' button, field 'Send for Disseminate?' will display as 'Yes' and able to proceed with 'Disseminate' transaction. Button 'Print' is displayed <p>On click of 'Reject' button:</p> <ol style="list-style-type: none"> Record status will update to 'Rejected'. Screen will display as read-only. Button 'Print' is displayed. |
| 8. | Print 'Slow Moving Item' report | <p>Button 'Print' is displayed after user saved the record. Click on the button to print 'Slow Moving Item report'.</p> |
| 9. | User Access | <p>User from any unit level able to create/edit and approve/reject Slow Moving Item record once already given with Slow Moving Item edit/approval role.</p> |

3.2.5.2.3 *Input Validation Rules*

| No. | Name | Description | Mandatory | Format |
|-----|--------------------|---|-----------|---------------------|
| 1. | Unit Name | <p>Display the current user's login unit as per setup in Maintenance > Security > User Profile screen. Slow moving item list is generated based on this unit.</p> | No | Read-only |
| 2. | Slow Moving No. | <p>This field will automatically be assigned with a system generated 'Slow Moving No' when user saves the transaction.</p> <p>Format: [SM][YY][Running number up to 6 integers]</p> <ul style="list-style-type: none"> PO = For Slow Moving Item transaction YY = Current Financial Year <p>Running number will reset yearly based on the financial year.</p> | No | Read-only |
| 3. | Slow Moving Period | <p>Default value and UOM to '3 Months'. User able to enter integer value with maximum 3 integer value.</p> | Yes | Text field and drop |



| No. | Name | Description | Mandatory | Format |
|------------------------------|-----------------------|--|-----------|----------------|
| | | For UOM user can select: <ul style="list-style-type: none"> • Days • Months • Weeks Values are displayed from Reference Codes maintenance screen with domain = 'DURATION'. | | down list |
| 4. | Created Date | Displayed based on the record created date and time. Format: dd/mm/yyyy hh:mm:ss AM/PM | No | Read-only |
| 5. | Item Group | Default to 'All' however user can select specific Item Group: <ul style="list-style-type: none"> • Drug • Non-Drug Values are displayed from Reference Codes maintenance screen with domain = 'ITEM_GROUP_ALL'. | Yes | Drop down list |
| 6. | Send for Disseminate? | Default value to 'No', until user clicks on 'Disseminate' button. On click of 'Disseminate' button, this field will update to display as 'Yes'. | No | Read-only |
| 7. | Status | Record status according to action done by user: <ul style="list-style-type: none"> • Save – Status remain as 'Open' • Cancel Request – Status updated as 'Cancelled' • Send for Approval – Status updated as 'Pending for Approval' • Approve – Status updated as 'Approved' • Reject – Status updated as 'Rejected' Values are displayed from Reference Codes maintenance screen with domain = 'SLOWMOVING_ITEM_STATUS'. | No | Read-only |
| 8. | Created By | User who created/saved the record. Displayed based on user's first name and last name from Maintenance>Security>User Profile. | No | Read-only |
| 9. | Reject Reason | User to enter free text value with maximum 500 characters. Mandatory only on click of 'Reject' button. | No | Text field |
| 10. | UOM | Default to 'SKU', however user can change the value to 'PKU'. Values are displayed from Reference Codes maintenance screen with domain = 'SLOWMOVING_ITEM_STATUS'. | No | Drop down list |
| Slow Moving Item List | | | | |
| 11. | Checkbox | User to select applicable item to proceed to the next stage. Once item selected, mandatory to fill in the 'Offer Quantity' for each batch. If user fill in 'Offer Quantity' before selecting the checkbox, system will auto select the checkbox on save of the batch details. | No | Checkbox |



| No. | Name | Description | Mandatory | Format |
|------------------------------------|-----------------------|--|-----------|-----------|
| 12. | Item Code | Display the 'Item Code' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 13. | Item Description | Display the 'Item Description' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 14. | Packaging Description | Display the item 'Packaging Description' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 15. | Stock Available (SKU) | Display the Good Stock/Stock Available Quantity in SKU based on user's unit current stock details. | No | Read-only |
| 16. | Conversion Factor | Display the item 'Conversion Factor' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 17. | Stock Available (PKU) | Display the Good Stock/Stock Available Quantity in PKU based on user's unit current stock details. | No | Read-only |
| 18. | Last Transaction Date | Display the last transaction date (based on Item Movement report) for issuing and dispensing transaction for before slow moving period start date. | No | Read-only |
| 19. | Offer Quantity in SKU | Default to '0', user to update (by double clicking the item row) to any integers value required with maximum 10 characters allowed. | No | Read-only |
| 20. | Offer Quantity in PKU | System to auto calculates this value based on the entered 'Offer Quantity in SKU' divide with the items conversion factor. | No | Read-only |
| Slow Moving Item Batch List | | | | |
| 21. | Item Description | Display the 'Item Description' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 22. | Item Code | Display the 'Item Code' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 23. | Packaging Description | Display the item 'Packaging Description' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 24. | Conversion Factor | Display the item 'Conversion Factor' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 25. | Checkbox | User to select applicable item to proceed to the next stage. Once item selected, mandatory to fill in the 'Offer Quantity' for each batch. If user fill in 'Offer Quantity' before selecting the checkbox, system will auto select the checkbox. | No | Checkbox |
| 26. | Batch No. | Display the item 'Batch No.' based on user's unit current | No | Read-only |



| No. | Name | Description | Mandatory | Format |
|-----|-----------------------|--|-----------|-----------|
| | | stock and items that fulfill the slow moving criteria. | | |
| 27. | Expiry Date | Display the item 'Expiry Date' based on user's unit current stock and items that fulfill the slow moving criteria. | No | Read-only |
| 28. | Stock Available (SKU) | Display the Good Stock/Stock Available Quantity in SKU based on user's unit current stock details. | No | Read-only |
| 29. | Stock Available (PKU) | Display the Good Stock/Stock Available Quantity in PKU based on user's unit current stock details. | No | Read-only |
| 30. | Offer Quantity in SKU | Default to '0', user to update to any integers value required with maximum 10 characters allowed. | No | Read-only |
| 31. | Offer Quantity in PKU | System to auto calculates this value based on the entered 'Offer Quantity in SKU' divide with the items conversion factor. | No | Read-only |

3.2.5.3.2 *Application Business Rules*

| No. | Name | Description |
|-----|-------------------------|--|
| 1. | Slow Moving No. | Displayed based on the 'Slow Moving No.' field in transaction screen. |
| 2. | Item Group | Displayed based on the 'Item Group' field in transaction screen. |
| 3. | Status | Displayed based on the 'Status' field in transaction screen. |
| 4. | Slow Moving Period | Displayed based on the 'Slow Moving Period' field in transaction screen. |
| 5. | From and To | Displayed based on Date From and To of the 'Slow Moving Period' field in transaction screen. |
| 6. | Item Code | Displayed based on the 'Item Code' in the Slow Moving Item List. |
| 7. | Item Description | Displayed based on the 'Item Description' in the Slow Moving Item List. |
| 8. | Batch No | Displayed based on the 'Batch No' in the Slow Moving Item Batch List. |
| 9. | SKU | Displayed based on the 'SKU' in the Slow Moving Item List. |
| 10. | Packaging Description | Displayed based on the 'Packaging Description' in the Slow Moving Item List. |
| 11. | Stock Available (SKU) | Displayed based on the 'Stock Available (SKU)' in the Slow Moving Item List. |
| 12. | Offered Quantity in SKU | Displayed based on the 'Offered Quantity in SKU' in the Slow Moving Item List. |
| 13. | Last Transaction Date | Displayed based on the 'Last Transaction Date' in the Slow Moving Item List. |
| 14. | Expiry Date | Displayed based on the 'Expiry Date' in the Slow Moving Item Batch List. |
| 15. | Disediakan Oleh | 'Disediakan Oleh' section: <ul style="list-style-type: none">i. Nama: Display the created by user first name and last name value from User Profile maintenance screenii. Jawatan: Display the created by user 'Designation' value from User Profile maintenance screeniii. Unit: Display the created by user 'Unit' value from User Profile maintenance screeniv. Jabatan: Display the created by user 'Department' value from User Profile maintenance screenv. Tarikh: Display the record created date value |
| 16. | Diluluskan | 'Diluluskan' section: <ul style="list-style-type: none">i. Nama: Display the approved by user first name and last name value from User Profile maintenance screenii. Jawatan: Display the approved by user 'Designation' value from User Profile maintenance screeniii. Unit: Display the approved by user 'Unit' value from User Profile maintenance screeniv. Jabatan: Display the approved by user 'Department' value from User Profile maintenance screenv. Tarikh: Display the record approved date value |

3.2.5.3.3 *Input Validation Rules*

None.



3.2.6 Integration

None

4. References

List out the documents in which the stated procedures in this document refer to.

| Document | Description/ Expansion |
|----------|------------------------|
| | |
| | |

5. Acronyms

| Item | Description |
|------|-------------------------------|
| UOM | Unit of Measurement |
| BPF | Bahagian Perkhidmatan Farmasi |
| HQ | Headquarters |
| SKU | Store Keeping Unit |
| PKU | Packaging Keeping Unit |

6. Appendix