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

System Design Document (SDD)

Pharmacy Inventory

Prepacking

Version	**: 1.0**
Document ID	**: PhIS_CPS/SDD/PI/Prepacking**

REVISION HISTORY

Version No	Date of Release	Prepared by	Reviewed by	List of changes from Previous Version
1.0	22/06/2018	Ilya Syarah	Chew Ming Ping	Document baseline

Table of Content

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
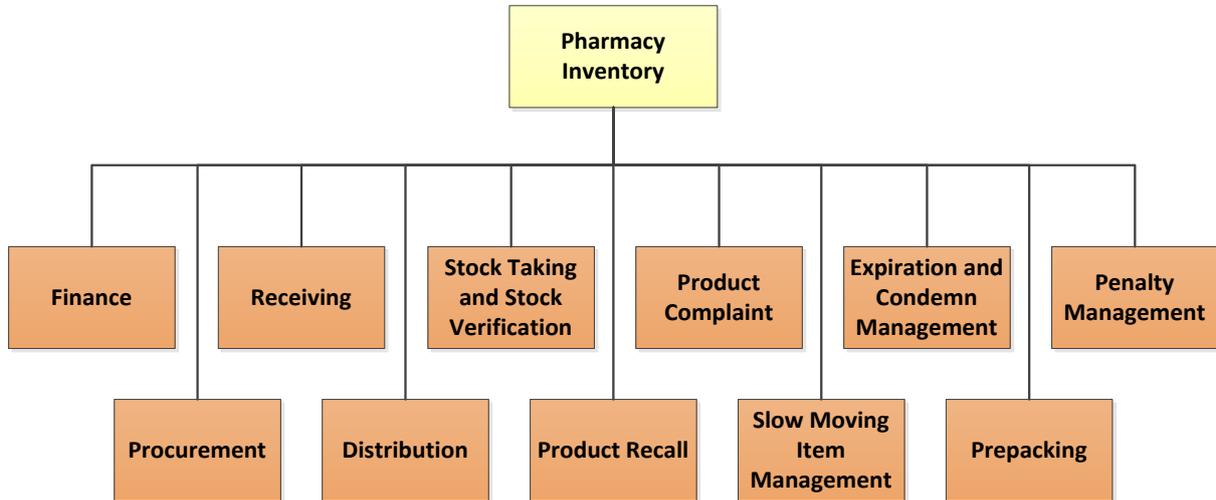
3.2   Prepacking

3.2.1   Overview

3.2.2 **Block Diagram**
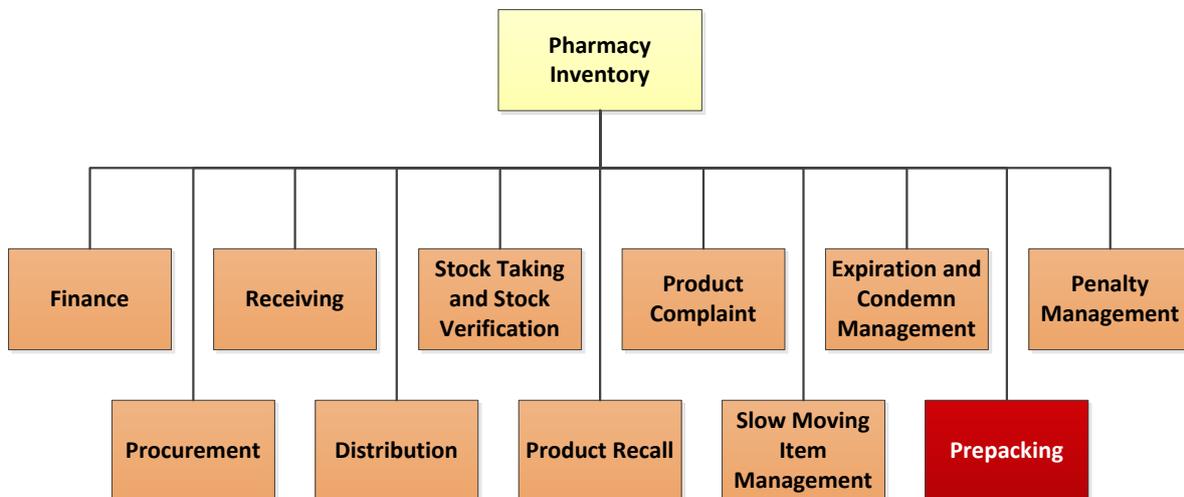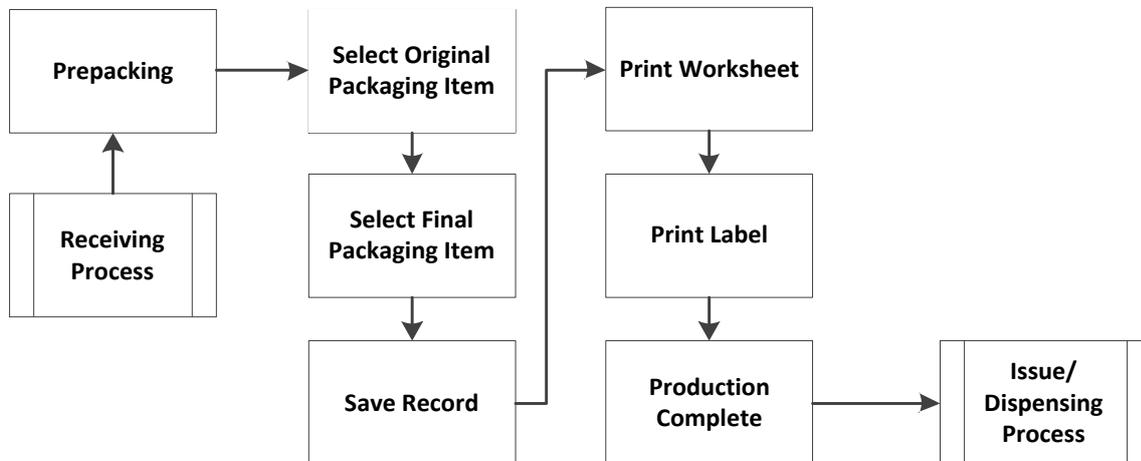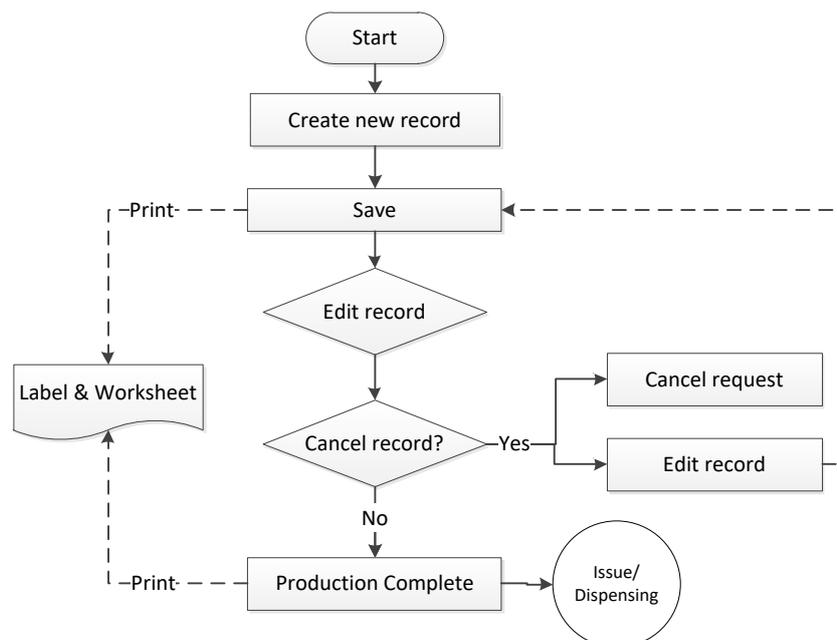
```
┌──────────────┐      ┌──────────────┐      ┌──────────────┐
│  Prepacking  │─────▶│ Select Original│    │Print Worksheet│
│              │      │ Packaging Item │    │              │
└──────────────┘      └──────────────┘      └──────────────┘
       ▲                     │                     │
       │                     ▼                     ▼
┌──────────────┐      ┌──────────────┐      ┌──────────────┐
│  Receiving   │      │ Select Final │    │  Print Label  │
│  Process     │      │ Packaging Item│    │              │
└──────────────┘      └──────────────┘      └──────────────┘
                             │                     │
                             ▼                     ▼
                      ┌──────────────┐      ┌──────────────┐      ┌──────────────┐
                      │ Save Record  │─────▶│  Production   │─────▶│   Issue/     │
                      │              │      │  Complete    │      │  Dispensing  │
                      │              │      │              │      │  Process     │
                      └──────────────┘      └──────────────┘      └──────────────┘
```

3.2.3 **Purpose**

Prepacking transaction is created for the purpose of prepacking from original item packaging which is received from supplier in PKU quantity into the final packaging item which is in smaller packaging according to the specified dispensing UOM in Drug Master. Stock quantity from the original item packaging will be deducted and added into the final packaging item. The final packaging item quantity will then be used for issuing to another unit or dispensing to patient. All units and users from all levels are allowed to create prepacking transaction. Stock deduction and addition is based on the selected unit when create new transaction.
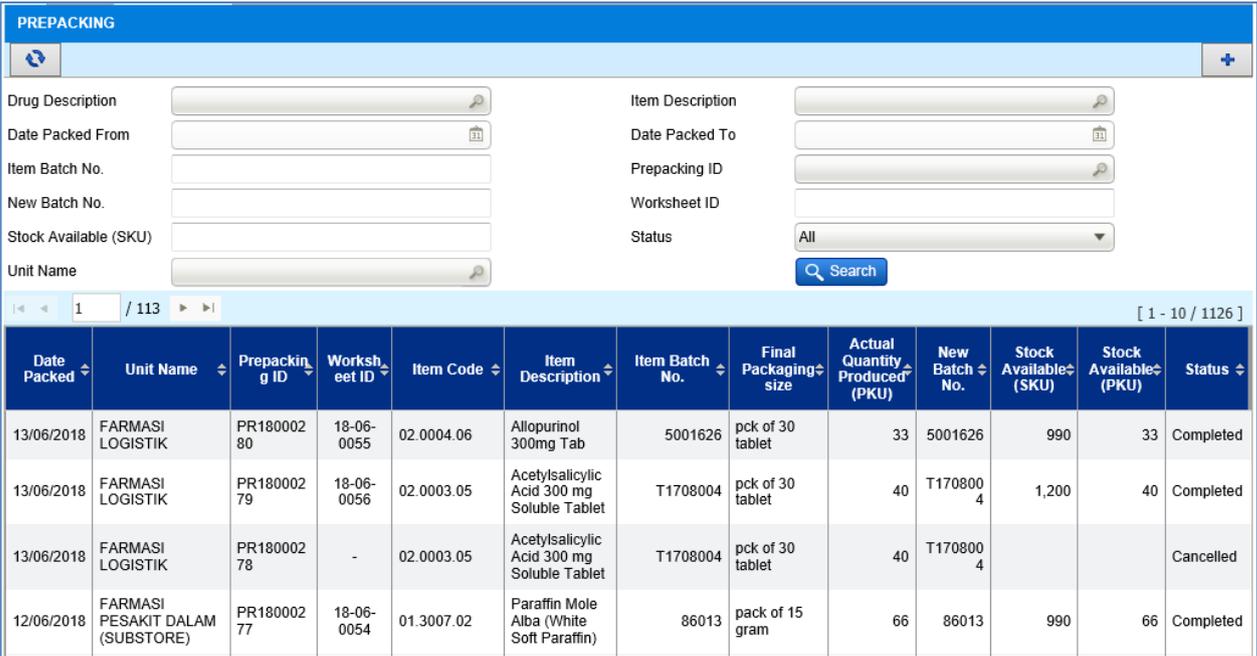
3.2.4 **Screen Navigation Diagram**

3.2.5   Detail Functionality and Screen

3.2.5.1   Prepacking Listing

3.2.5.1.1   *Screen Design*

ID	PRPCK.SD1
Description	To search existing prepacking record
Diagram	

Notes	• Click on search button to search for the prepacking • 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: i. If user enters multiple search criteria, system will display the search results based on the specified criteria ii. If no criteria entered, system will display all transactions iii. 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: i. Date Packed: Display the 'Date Packed' based on the transaction. ii. Unit Name: Display the 'Unit Name' based on the transaction. iii. Prepacking ID: Display the 'Prepacking ID' based on the transaction. iv. Worksheet ID: Display the 'Prepacking ID' based on the printed

No.	Name	Description
		worksheet.
		v. Item Code: Display the 'Item Code' based on the transaction.
		vi. Item Description: Display the 'Item Description' based on the 'Item Code'.
		vii. Item Batch No: Display the 'Batch No.' based on the transaction.
		viii. Final Packaging Size: Display the 'Final Packaging Description' based on the transaction.
		ix. Actual Quantity Produced (PKU): Display value from 'Actual Quantity Produced (PKU)' field in transaction screen.
		x. New Batch No.: Display value from 'New Batch No.' field in transaction screen.
		xi. Stock Available (SKU): Display value from the new batch no. current stock available quantity in SKU.
		xii. Stock Available (PKU): Display value from the new batch no. current stock available quantity in PKU.
		xiii. Status: Display value from 'Prepacking Status' field in transaction screen.
3.	Prepacking 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: i. Drug Description – Display as empty field ii. Item Description – Display as empty field iii. Date Packed From – Display as empty field iv. Date Packed To – Display as empty field v. Item Batch No. – Display as empty field vi. Prepacking ID – Display as empty field vii. New Batch No. – Display as empty field viii. Worksheet ID – Display as empty field ix. Stock Available (SKU) – Display default value as '0' x. Status – Display as 'All' xi. Unit Name – Display as empty field 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.

3.2.5.1.3   *Input Validation Rules*

No.	Name	Description	Mandatory	Format

1.	Drug Description	Field will list all active drug (Facility Status) as per in Maintenance > Pharmacy > Drug screen. User able to search the drug based on the Drug Name or/and Drug Code.	No	Searching field
2.	Item Description	Field will list all active items (Facility Status), item group = Drug and Repack checkbox selected as per in Maintenance > Inventory > Item Master screen. User able to search the drug based on the Item Description or/and Item Code.	No	Drop down list
3.	Date Packed From/To	Able to enter or select applicable date. Searching will be based on the value in 'Date Packed' field in transaction screen.	No	Calendar
4.	Item Batch No.	User to enter value and able to search the list based on the 'Batch Number' field in transaction.	No	Text field
5.	Prepacking ID	Field will list all previous Purchase Order transactions based on the Order Number and the Created Date. User able to search the list based on the selected Order Number.	No	Searching field
6.	New Batch No.	User able to enter value and able to search the list based on the 'New Batch No' field in transaction.	No	Text field
7.	Worksheet ID	User able to enter value and able to search the list based on the 'Worksheet ID' value in the worksheet.	No	Text field
8.	Stock Available (SKU)	User able to enter value and able to search the list based on the current stock available value for the new batch no. Search results will list all records with current stock available quantity less than or equal to the entered search criteria.	No	Text field
9.	Status	Default to 'All' however user can select specific status: • Cancelled • Completed • Open Values are displayed from Reference Codes maintenance screen with domain = 'PREPACK_STATUS'.	No	Drop down list
10.	Unit Name	Field will list all active record from Requester Unit maintenance screen. User able to search the list based on the selected Unit Name.	No	Searching field

3.2.5.2 Create new Prepacking record

3.2.5.2.1 Screen Design

ID	PRPCK.SD2
Description	To create new prepacking record.

Diagram

    i.   Create new record

    ii.   Save record

iii. View 'Stock Balance' hyperlink

PREPACKING

STOCK BALANCE

Drug Code: C08CA01000T1002XX   **Drug Name:** Amlodipine 10 mg Tablet

No	Item Code	Stock Balance (SKU)	Stock Balance (PKU)	Reserve Qty (SKU)	Packaging Description	Batch No	Expiry Date
1	02.0011.02	160,000 tablet	1,600 pck	0	pack of 100 tablet	C17031	31/10/2020
Total Stock Balance:		160,000					

iv. View Batch No 'Details' hyperlink

ORIGINAL ITEM DETAILS

Drug Name	Amlodipine 10 mg Tablet
Original Item Packaging	Box of 100 tab
Item Code	C08CA01000T1002XX.01
Batch No.	2904743
Expiry Date	31/08/2020
Current Available Quantity (SKU)	1,600 tablet SKU
Quantity To Prepack (SKU)	300 tablet
Final Packaging Description	pck of 30 tablet
Expected Prepack Quantity (PKU)	10 pck
Remark	

ACTUAL PRODUCTION DETAILS

Actual Quantity Produced (PKU)	10 pck
Actual Quantity Produced (SKU)	300 tablet
Loose Quantity	0 tablet
	100
	2904743
	31/08/2020
	C08CA01000T1002-30
	0 tablet
	0 pck

BATCH DETAILS

Brand Name : VAMLO
Manufacturer Name : Ranbaxy

v. Proceed with Production Complete

PREPACKING

ITEM PREPACKING INFORMATION

Prepacking ID	PR18000281	Worksheet Prepared By	System Administrator
Prepacking Status	Completed	Date Packed	20/06/2018 5:17:32 PM
Unit Name	FARMASI LOGISTIK		

ORIGINAL ITEM DETAILS

Drug Name	Amlodipine 10 mg Tablet
Original Item Packaging	Box of 100 tab
Item Code	C08CA01000T1002XX.01
Batch No.	2904743
Expiry Date	31/08/2020
Current Available Quantity (SKU)	1,600 tablet SKU
Quantity To Prepack (SKU)	300 tablet
Final Packaging Description	pck of 30 tablet
Expected Prepack Quantity (PKU)	10 pck
Remark	

ACTUAL PRODUCTION DETAILS

Actual Quantity Produced (PKU)	10 pck
Actual Quantity Produced (SKU)	300 tablet
Loose Quantity	0 tablet
Yield %	100
New Batch No.	2904743
New Expiry Date	31/08/2020
Final Item Code	C08CA01000T1002-30
New Available Quantity (SKU)	300 tablet
New Available Quantity (PKU)	10 pck

SOP (INSTRUCTION)

SOP

Prepacked By	
Approved By	

vi. If delete/cancel record after save

Notes	
Cross References	PhIS_CPS_SDD_PI v1.2

3.2.5.2.2 *Application Business Rules*

No.	Name	Description
1.	New Prepacking record	Create new prepacking record: i. User to fill in all required details ii. Record status displayed as 'Open' by default
2.	Save record	On click of Save button: i. Record status remain as 'Open' ii. Only fields below are allowed to be edited, other fields display as read-only: • SKU/PKU drop down list • Quantity to Prepack • Remark • Actual Quantity Produced • New Batch No. • New Expiry Date • SOP • Pre-packed By • Approved By iii. Button 'Save' is displayed iv. Button 'Delete' is displayed

No.	Name	Description
		v. Button 'Worksheet' is displayed
		vi. Button 'Label' is displayed
		vii. Button 'Production Complete' is displayed
		viii. System will reserve quantity for the original item batch.
3.	View 'Stock Balance' hyperlink	On click of 'Stock Balance' hyperlink, system will display all batches details for the selected drug and the selected unit. Only batch with 'Stock Balance' or 'Reserve Qty' more than 0 will display in this screen.
4.	View Batch No 'Details' hyperlink	On click of 'Details' hyperlink, system will display the brand name and the manufacturer of the selected batch no.
5.	Delete record	User able to delete record once already save record but before production complete. Status will update to 'Cancelled' after user delete record. All fields will display as read-only. Stock balance reserve quantity value will be deducted.

6.	Production Complete	On click of 'Production Complete' button:
		i. Record status updated to 'Completed'.
		ii. All fields will be read-only.
		iii. Will create new transaction (Transaction Type = Prepacking) for Item Movement report (Report/Enquiry>Inventory>Store Transaction>Balance Summary):
		   • Stock reserved quantity deducted from original item batch
		   • Stock available deducted from original item batch
		   • Stock available added for new prepacking item batch
		iv. Will update stock balance for both original batch and new batch in Current Stock table.

7.	Loose Quantity scenario on click of Production Complete button.	On click of 'Production Complete' button, when 'Loose Quantity' equal to 0:
		   • Original Item stock balance quantity = (-) Actual Quantity Produced (SKU)
		   • Final Item stock balance quantity = (+) Actual Quantity Produced (SKU)
		
		On click of 'Production Complete' button, when 'Loose Quantity' not equal to 0 and 'PKU' is selected:
		1. Alert message will display: Loose quantity exists! Do you want to return the Loose Quantity into Original Item Stock?
		2. When user select 'Yes':
		   • Original Item stock balance qty = (-) Actual Qty Produced (SKU)
		   • Final Item stock balance qty = (+) Actual Qty Produced (SKU)
		3. When user select 'No':
		   • Original Item stock balance qty = (-) (Qty to Prepack PKU * Original Item Conv. Factor)
		   • Final Item stock balance qty = (+) Actual Quantity Produced (SKU)

No.	Name	Description
		On click of 'Production Complete' button, when 'Loose Quantity' not equal to 0 and 'SKU' is selected:
		1. Alert message will display: Loose quantity exists! Do you want to return the Loose Quantity into Original Item Stock?
		2. When user select 'Yes':
		• Original Item stock balance qty = (-) Actual Qty Produced (SKU)
		• Final Item stock balance qty = (+) Actual Qty Produced (SKU)
		3. When user select 'No':
		• Original Item stock balance qty = (-) Qty to Prepack (SKU)
		• Final Item stock balance qty = (+) Actual Quantity Produced (SKU)

3.2.5.2.3   *Input Validation Rules*

No.	Name	Description	Mandatory	Format
1.	Prepacking ID	Auto-generated number by system. By default displayed as blank field, number is generated and stored in database once user saves the record. Format: \<Hardcoded prefix: PR>\<Current Year>\<Running Number 6 characters> Example: PR13000052 Condition: Running number is reset each year	No	Read-only
2.	Worksheet Prepared 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
3.	Prepacking Status	Record status according to action done by user: • Save – Status updated as 'Open' • Delete record – Status updated as 'Cancelled' • Production Complete – Status updated as 'Completed' Values are displayed from Reference Codes maintenance screen with domain = 'PREPACK_STATUS'.	No	Read-only
4.	Date Packed	Displayed based on the record created date and time. Format: dd/mm/yyyy hh:mm:ss AM/PM	No	Read-only
5.	Unit Name	Default to user's current unit as per setup in User Profile maintenance screen. Able to change to use other unit stock. Field will list all active requester unit as per in Maintenance > General > Requester Unit screen. User able to search and select the Unit Name based on the Requester Description or/and Requester Code. Stock deduction for original batch and addition for the	No	Searching field

No.	Name	Description	Mand atory	Format
		new batch no will occur only for the selected unit.		
6.	Drug Name	For level 1 unit (based on the Unit Name selected), field will list all facility status = active drug as per in Maintenance > Pharmacy > Drug screen. User able to search and select the 'Drug Name' based on the 'Drug Name' or/and 'Drug Code'. For level 2/3 unit, field will list drugs according to the criteria below: • Drug facility status = Active • Unit Catalogue drug status = Active	Yes	Searching field
7.	Original Item Packaging	Field will list item and batch details according to the criteria below: • Item must be active in facility (level 1/2/3) and in selected unit's unit catalogue (level 2/3) • Item identified as 'Repack' item in item master • Batch 'Stock Balance' minus 'Reserve Quantity' is more than '0' and stock not yet expired • Batch is considered as expired when expiry date is less than (<) current date	Yes	Searching field
8.	Item Code	Displayed based on the selected 'Original Item Packaging'.	No	Read-only
9.	Batch No.	Displayed based on the selected 'Original Item Packaging'.	No	Read-only
10.	Expiry Date	Displayed based on the selected 'Original Item Packaging'.	No	Read-only
11.	Current Available Quantity	Value displayed depends on the 'SKU/PKU' UOM drop down list: When 'SKU' is selected: • 'Current Available Quantity (SKU)' will display the stock balance quantity from the user current unit (minus Reserve Quantity from other units). UOM will display based on the drug SKU UOM. When 'PKU' is selected: • 'Current Available Quantity (PKU)' will display the stock balance quantity in PKU (divide quantity in SKU with conversion factor) from the user's current unit (minus Reserve Quantity from other units). No decimal should display, if calculated value returns decimal value, should round down the value. UOM will display based on the item PKU UOM.	No	Read-only

No.	Name	Description	Mand atory	Format
12.	SKU/PKU UOM	Default selected to 'SKU'. User able to change value to 'PKU'. Value in this field will impact: • 'Current Available Quantity (SKU)/(PKU)' • 'Quantity to Prepack (SKU/PKU)'	No	Drop down list
13.	Quantity to Prepack	Value displayed depends on the 'SKU/PKU' UOM drop down list: When 'SKU' is selected: • User to enter value in SKU. UOM will display based on the drug SKU UOM. No decimal value allowed, only integer. When 'PKU' is selected: • User to enter value in PKU. UOM will display based on the drug PKU UOM. No decimal value allowed, only integer.	Yes	Text field
14.	Final Packaging Description	Display the 'Packaging Description' from Item Master where item is identified as Prepacking Item in IWP (Prepacking Item drop down = Yes). Should compare the Item conversion factor with Drug Dispense UOM conversion factor. Same Dispense UOM must be created in facility Drug Master. If both criteria above are not fulfilled, 'Final Packaging Description' will not be displayed.	Yes	Drop down list
15.	Expected Prepack Quantity (PKU)	Auto calculated value based on the SKU/PKU drop down selection: When 'SKU' is selected: Expected Prepack Quantity (PKU) = Quantity to Prepack (SKU)/ (divide) Conversion Factor of the selected item in 'Final Packaging Description' field. When 'PKU' is selected: Expected Prepack Quantity (PKU) = (Quantity to Prepack (PKU) * Selected Original Item conversion factor) / (divide) with Conversion Factor of the selected item in 'Final Packaging Description' field.	No	Read-only
16.	Remark	User to enter free text value with maximum 300 characters.	No	Text field
17.	Actual Quantity Produced (PKU)	Default value to '0', user to enter integer value. UOM is displayed from PKU UOM based on the item code of the selected 'Final Packaging Description'.	No	Text field

No.	Name	Description	Mand atory	Format
18.	Actual Quantity Produced (SKU)	Auto calculated value based on 'Actual Quantity Produced (PKU) * (multiply) conversion factor of the selected item in 'Final Packaging Description' drop down list. UOM is displayed based on the drug SKU UOM from the selected item in 'Final Packaging Description'.	No	Read-only
19.	Loose Quantity	Auto calculated by system: Actual Quantity Produced (SKU) - (minus) Quantity to Prepack in SKU * If value is negative, should display as negative UOM is displayed based on the new item SKU UOM (based on the selected Final Packaging Description).	No	Read-only
20.	Yield %	Auto calculated by system based on calculation below: Yield % = [Actual Quantity Produced (PKU) / Expected Prepack Quantity (PKU)] x 100%	No	Read-only
21.	New Batch No.	Default based on the original batch but editable, and allowed to be the same as the original item with condition (check on click of production complete button): i. If batch and item not exist in currentstk_hdrs and currentstk_dtls, system to create new record for both table ii. If don't have same batch no but same currentstk_hdrs, system will create new currentstk_dtls record only. iii. If have same batch no and same expiry date for the same currentstk_hdrs, system will update the existing batch number, no creation of new currentstk_dtls record. In the case of having same batch no but different expiry date for the same batch, cannot allow user to proceed to save record and display alert message as below: 'Cannot save record, same batch no exist with different expiry date!' User has options to: - Update batch number to other value or; - Update expiry date to be the same as the existing batch expiry date.	No	Text field
22.	New Expiry Date	Default based on original item batch selected but editable. Value must be equal or less than the original item expiry.	No	Calendar
23.	Final Item Code	Display the new item code based on the selected 'Final Packaging Description'.	No	Read-only

No.	Name	Description	Mand atory	Format
24.	New Available Quantity (SKU)	Display the available quantity in unit's current stock balance based on the new batch number in SKU.	No	Read-only
25.	New Available Quantity (PKU)	Display the available quantity in unit's current stock balance based on the new batch number in PKU (Available Quantity in SKU divide with item conversion factor).	No	Read-only
26.	SOP	User may enter value. Can setup default value in Maintenance > Pharmacy > Drug screen in 'Preparation Instruction' field.	No	Text field
27.	Prepacked By	User to enter free text value with maximum 50 characters.	No	Text field
28.	Approved By	User to enter free text value with maximum 50 characters.	No	Text field
29.	Cancelled By	User who delete record. Displayed based on user's first name and last name from Maintenance>Security>User Profile.	No	Read-only
30.	Cancelled Date/Time	Displayed based on the record cancelled date and time. Format: dd/mm/yyyy hh:mm:ss AM/PM	No	Read-only

3.2.5.3 Worksheet

3.2.5.3.1 *Screen Design*

ID	PRPCK.SD3
Description	To view and print worksheet.
Diagram	

<div style="border:1px solid">

PREPACKING WORKSHEET

MINISTRY OF HEALTH

Hospital Tanah Merah

FARMASI LOGISTIK

Worksheet ID :	18-06-0057	**Date Packed**	: 20/06/2018 5:17:32 PM
Item Code :	C08CA01000T1002XX.01	**Packaging**	: Box of 100 tab
Item Description :	Amlodipine 10 mg Tablet	**Brand Name**	: VAMLO
Batch No :	2904743	**Manufacturer Name**	: Ranbaxy
Expiry Date :	31/08/2020		

Final Packaging Desc	Qty to Prepack (PKU)	Qty to Prepack (SKU)	Expected Prepack Qty (PKU)	Actual Qty Produced (PKU)	Actual Qty Produced (SKU)
pck of 30 tablet	3 box	300 tablet	10 pck	0 pck	0 tablet

Preparation Details   **Label**

Final Item Code   : C08CA01000T1002-30

New Batch No   : 2904743

New Expiry   : 31/08/2020

Loose QTY   : 0

Yield %   : 0

Procedure :

Worksheet Prepared By   **Prepacked By**   **Approved By**

System Administrator

Date :   20/06/2018 5:17:32 PM

</div>

Notes	
Cross References	PhIS_CPS_SDD_PI v1.2

3.2.5.3.2   *Application Business Rules*

No.	Name	Description
1.	Worksheet ID	Auto-generated number by system. Format: <Current Year> - <Current Month> - <Running Number 4 characters> Example: 13-08-0019 Condition: To reset the running number each month
2.	Date Packed	Displayed based on the 'Date Packed' field in transaction screen.
3.	Item Code	Displayed based on the 'Item Code' field in transaction screen.
4.	Packaging	Displayed based on the 'Original Item Packaging' field in transaction screen.
5.	Item Description	Display the 'Item Description' based on the 'Item Code' field in transaction screen.
6.	Brand Name	Display the 'Brand Name' based on the 'Batch No.' field in transaction screen.
7.	Batch No.	Displayed based on the 'Batch No.' field in transaction screen.
8.	Manufacturer Name	Display the 'Manufacturer Name' based on the 'Batch No.' field in transaction screen.
9.	Expiry Date	Displayed based on the 'Expiry Date' field in transaction screen.
10.	Final Packaging Desc	Displayed based on the 'Final Packaging Description' field in transaction screen.
11.	Qty to Prepack (PKU)	Displayed based on the 'Quantity to Prepack' in PKU field in transaction screen.
12.	Qty to Prepack (SKU)	Displayed based on the 'Quantity to Prepack' in SKU field in transaction screen.
13.	Expected Prepack Qty (PKU)	Displayed based on the 'Expected Prepack Quantity (PKU)' field in transaction screen.
14.	Actual Qty Produced (PKU)	Displayed based on the 'Actual Quantity Produced (PKU)' field in transaction screen.
15.	Actual Qty Produced (SKU)	Displayed based on the 'Actual Quantity Produced (SKU)' field in transaction screen.
16.	Final Item Code	Displayed based on the 'Final Item Code' field in transaction screen.
17.	New Batch No.	Displayed based on the 'New Batch No.' field in transaction screen.
18.	New Expiry	Displayed based on the 'New Expiry Date' field in transaction screen.
19.	Loose Qty	Displayed based on the 'Loose Quantity' field in transaction screen.
20.	Yield %	Displayed based on the 'Yield %' field in transaction screen.
21.	Label	Display as empty section, user to paste the hardcopy printed label in this section.
22.	Procedure	Displayed based on the 'SOP' field in transaction screen.
23.	Worksheet Prepared By	Displayed based on the 'Worksheet Prepared By' field in transaction screen.

No.	Name	Description
24.	Prepacked By	Displayed based on the 'Prepacked By' field in transaction screen.
25.	Approved By	Displayed based on the 'Approved By' field in transaction screen.

3.2.5.3.3   *Input Validation Rules*

None.

3.2.5.4   **Label**

3.2.5.4.1   *Screen Design*

ID	PRPCK.SD4
Description	To view and print label.

Diagram

    i.   General Label : 90 mm x 60 mm

<table>
<tr><td colspan="2" align="center">Hospital Tanah Merah</td></tr>
<tr><td colspan="2" align="center">Amlodipine 10 mg Tablet</td></tr>
<tr><td colspan="2">Qty: 30 tablet</td></tr>
<tr><td>Batch No: 2904743</td><td>Worksheet ID: 18-06-0057</td></tr>
<tr><td>Date   20/06/2018</td><td>Date Exp: 31/08/2020</td></tr>
<tr><td colspan="2"> </td></tr>
</table>

    ii.   General Label: 40 mm x 20 mm

<table>
<tr>
<td align="center">Amlodipine 10 mg Tablet
Qty :   30 tablet
Batch No: 2904743
Prep Date :20/06/2018 Exp Date :31/08/2020
Hospital Tanah Merah</td>
<td align="center">Amlodipine 10 mg Tablet
Qty :   30 tablet
Batch No: 2904743
Prep Date :20/06/2018 Exp Date :31/08/2020
Hospital Tanah Merah</td>
</tr>
<tr>
<td align="center">Amlodipine 10 mg Tablet
Qty :   30 tablet
Batch No: 2904743
Prep Date :20/06/2018 Exp Date :31/08/2020
Hospital Tanah Merah</td>
<td align="center">Amlodipine 10 mg Tablet
Qty :   30 tablet
Batch No: 2904743
Prep Date : 20/06/2018 Exp Date :31/08/2020
Hospital Tanah Merah</td>
</tr>
</table>

iii.   Label for External Preparation : 40 mm x 40 mm

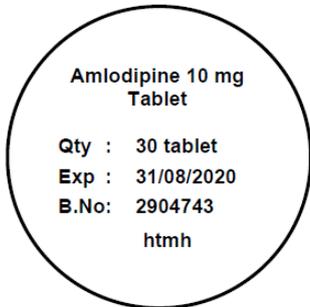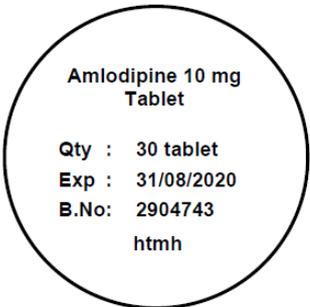| TIDAK BOLEH DIMINUM NOT TO BE TAKEN Jauhi ubat dari kanak-kanak	TIDAK BOLEH DIMINUM NOT TO BE TAKEN Jauhi ubat dari kanak-kanak
Amlodipine 10 mg Tablet	**Amlodipine 10 mg Tablet**
Qty : 30 tablet	Qty : 30 tablet
Batch No : 2904743	Batch No : 2904743
Prep Date :20/06/2018 Exp Date :31/08/2020	Prep Date :20/06/2018 Exp Date :31/08/2020
Hospital Tanah Merah	Hospital Tanah Merah

iv.   Label Unit of Dose : 20 mm x 13.3 mm

Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020
Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020
Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp: 31/08/2020	Amlodipine 10 mg Tablet BN : 2904743 Exp : 31/08/2020

v.   Label for External Preparation - Cream 15g and 30g : 35 mm x 35 mm (Round)

Amlodipine 10 mg Tablet Qty : 30 tablet Exp : 31/08/2020 B.No: 2904743 htmh	Amlodipine 10 mg Tablet Qty : 30 tablet Exp : 31/08/2020 B.No: 2904743 htmh

Notes	
Cross References	PhIS_CPS_SDD_PI v1.2

3.2.5.4.2   *Application Business Rules*

No.	Name	Description
1.	Print Label	On click of Label button: i. Printing options will be displayed. ii. Select which label size to print and click on the print label button. User then can view and print the label.

No.	Name	Description
2.	90mm x 60mm	Details by value as below: • Facility Name: Display based on the 'Facility Name' as per setup in Facility Information maintenance screen. • Drug Name: Display based on the 'Drug Name' in prepacking screen. • Qty: Display based on the 'Final Packaging Description' conversion factor and SKU UOM in prepacking screen. • Batch No: Display based on the 'New Batch No.' in prepacking screen. • Worksheet ID: Display based on the 'Worksheet ID' in prepacking screen. • Date Prepared: Display based on the 'Date Packed' in prepacking header screen. • Date Exp: Display based on the 'New Expiry Date' in prepacking screen.
3.	40mm x 20mm	Details by value as below: • Facility Name: Display based on the 'Facility Name' as per setup in Facility Information maintenance screen. • Drug Name: Display based on the 'Drug Name' in prepacking screen. • Qty: Display based on the 'Final Packaging Description' conversion factor and SKU UOM in prepacking screen. • Batch No: Display based on the 'New Batch No.' in prepacking screen. • Prep Date: Display based on the 'Date Packed' in prepacking header screen. • Exp Date: Display based on the 'New Expiry Date' in prepacking screen.
4.	40mm x 40mm	Details by value as below: • Facility Name: Display based on the 'Facility Name' as per setup in Facility Information maintenance screen. • Drug Name: Display based on the 'Drug Name' in prepacking screen. • Qty: Display based on the 'Final Packaging Description' conversion factor and SKU UOM in prepacking screen. • Batch No: Display based on the 'New Batch No.' in prepacking screen. • Prep Date: Display based on the 'Date Packed' in prepacking header screen. • Exp Date: Display based on the 'New Expiry Date' in prepacking screen.
5.	20mm x 13.3mm	Details by value as below: • Drug Name: Display based on the 'Drug Name' in prepacking screen.

No.	Name	Description
		• Batch No: Display based on the 'New Batch No.' in prepacking screen. • Exp Date: Display based on the 'New Expiry Date' in prepacking screen.
6.	35mm x 35mm (Round)	Details by value as below: • Facility Prefix: Display based on the 'Facility Prefix' as per setup in Facility Information maintenance screen. • Drug Name: Display based on the 'Drug Name' in prepacking screen. • Qty: Display based on the 'Final Packaging Description' conversion factor and SKU UOM in prepacking screen. • B. No: Display based on the 'New Batch No.' in prepacking screen. • Exp: Display based on the 'New Expiry Date' in prepacking screen.

3.2.5.4.3   *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

6.   Appendix