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

Release Note

For version 2.2

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	17/06/2019	Zainura	Chew Ming Ping	First Version

Verified and Acknowledged by:

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Peer Review

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1.0	Juridah (QA)	Initial document

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1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.2
Client Name	:	Ministry of Health
Release ID	:	RL19/012
Release Date	:	17/06/2019

1.2 Objectives

No.	Objective	Reference
1.	Release PhIS & CPS Application to Facility	Refer Section 3 – Refinement and Defect list

2 Purpose

The purpose of the document is to update the end-user of the changes and defects have been resolved to be included in the new version of application and will be deployed to production server.

This document outlines the list of request and issue to be delivered in the newer version of application and also the guidelines on how to deploy the new version of application in production.

3 Summary – Refinement and Defect List

3.1 Refinement List

The following are the refinement that included in PhIS v2.2:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1	R190011	General	Data Entry - Default data to previous record	Default data to previous record when user create new record for data entry screen. Impact: 1. Outpatient Pharmacy 2. Outpatient Pharmacy (Yearly) 3. Inpatient Pharmacy 4. Ward Information	I-PhIS019498917S	H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_GEN_Facility_v1.0
2	R190012	General	Item Product Buffer Level - Remove mandatory for 'Min Issue Qty (SKU)'	1. To remove mandatory checking and sign for 'Min Issue Qty (SKU)'.	I-PhIS021949218S	H. Beluran	PhIS_CPS_Quick_Guide_2.2_GEN_Facility_v1.0
3	R190005	General	Password Management	1) To have send email function for user registration and password management. 2) To send activation email to registered user email upon registration 3) User must activate their account and change their temporary password before they can proceed to use the system. 4) User can click on 'Forgot Password' link to request for temporary password. Email with temporary password will be sent to their registered email. 5) System administrator can reset user password if user forgot their password. Email with temporary password will be	I-PhIS045613118S I-PhIS034679118S	H. Pulau Pinang BPF	PhIS_CPS_Quick_Guide_2.2_GEN_Facility_v1.0 PhIS_CPS_Quick_Guide_2.2_GEN_IWP_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				sent to their registered email. 6) System to send reset email password when user reach maximum login attempt allowed. *Changes apply to facility (web and mobile) and IWP.			
4	R190001	Patient Management	Patient Registration	1.To use auto complete function (keyin part of doctor's name) for discharge prescriber name similar as in Medication Order screen (when search on prescriber). When user type letter, system will automatically go to the matched character. 2. Patient Registration - To move 'Other' and 'No Information' to the last row of race dataset. 3. Auto complete function when user type a letter in Race field. 4. Add delete button after upload patient image in patient registration. 5. Add drop list down info My PR or My Kad at Patient ID. TBC check with DDSA data.	I-PhIS024407118S I-PhIS032093118S I-PhIS044589418S I-PhIS009319815S	H. Machang BPF KK Bingkor H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_PM_Patient Reg_v1.0
5	R190002	Patient Management	Med. Profile, alternate indicator and allergy	1. Use icon at Clinical Summary as indicator that there is alternate drug for it (similar to MAR Alternate). 2. Medication Profile - Request to add facility name for SPUB in visit information column. To show facility name for SPUB visit in visit information at Clinical Summary screen. 3. To display "Reaction Details" next to Allergen in Allergy list screen. Easier for user to known more details/summary info of reaction for allergy patient. Apply to all	I-PhIS022533218S I-PhIS024093118S I-PhIS027725118S I-PhIS027375118S I-PhIS007656014S I-PhIS011786315S I-PhIS010156315S I-PhIS021475917S I-PhIS021242617S I-PhIS013354916S I-PhIS020420617S	H. Miri KK Bndr Mentakab H. Bhg Ulu Kinta H. Raub H. Pakar Sultanah Fatimah H. Tanah Merah H. Tanah Merah H. Sik KK Greentown KK Sg Limau Dalam H. Dutchess of Kent	PhIS_CPS_Quick_Guide_2.2_PM_Clinical Summary_v1.0 PhIS_CPS_Quick_Guide_2.2_OM_Enhancement_Web_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				allergy list. 4. Able to view record, eg. infusion without need to choose from search field. For time being, user need to choose drop down list for order type in Medication Order screen to view Infusion Order. To use expand/hide function 5. To add category 'All' when filter by 'Order Type' in Med. Profile. Other category will remain. Default will display all drug category and split by order type. Suggest to use expand button to view other drug category. 6. To add check box or button for G6PD deficiency in Allergy screen. During drug order, add in checkbox (YES/NO) for G6PD for doctor to select. If select, display the G6PD as checked in patient banner. This information will be updated in patient profile. Information tied to patient record and not by prescription. 7. Select All Drugs and sequence. -Add in checkbox 'Select All' in Medication Profile screen - for user to select all drugs and renew for Discharge Medication. -To remove Reason column for Current Medication and rearrange column Sequence as below: Status Order By Prescribe Qty Med Profile: 1.Add new column to display medication	I-PhIS049379519S I-PhIS020125617S	H. Batu Gajah KK Dengkil	

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				return quantity in medication profile. No changes on Dispensing quantity when user return the medication. 2.Once user ticked on the selected drug record (at Med Profile), Reason field will only enable if user choose on STOP or CHANGE function. (exceptional) Additional Info in drug Utilisation report User request for medication profile at hyperlink Dispense Qty also provide column data for 'authorize by' (Dangerous Drug). Change solution 8/5/18 - To display this information under Additional Info link. To capture this information in report Drug Utilisation.			
6	R190016	Order Management	Paed Weight calculator	User Request to have a weight calculator for children dose calculation(dose/kg weight) for child below ref age.	I-PhIS009281815S	H. Miri	PhIS_CPS_Quick_Guide_2.2_OM_Paed Calculator Mobile_v1.0 PhIS_CPS_Quick_Guide_2.2_OM_Paed Calculator Web_v1.0
7	R190046	Order Management	HOD authorisation	1. To add HOD in list of prescriber mapping for authorization purposes. 2. Mandatory to update diagnosis based on new order for new visit if Doctor Order for selected drug as per below. 3. To add Remark for starting the requested antibiotic drug. 4. Authorization from HOD for certain drugs. Refer slide. 5. To have checkbox “HOD AUTHORIZATION” and has a flag/trigger function upon ordering drug above for	I-PhIS007601814S I-PhIS007389814S	H. Pakar Sultanah Fatimah H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_OM_HOD and Quota Drug Mobile_v1.0 PhIS_CPS_Quick_Guide_2.2_OM_HOD and Quota Drug Web_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				facility setting. 6. Add Antibiotic Request Form to incorporate in system.			
8	R190047	Order Management	Quota Drug	1. Reserve ordering of specific drug to specific patients especially list A* by showing a patient list.	I-PhIS012634415S	H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_OM_HOD and Quota Drug Mobile_v1.0 PhIS_CPS_Quick_Guide_2.2_OM_HOD and Quota Drug Web_v1.0
9	R190061	Inpatient Pharmacy	Patient list	Fill List screen: 1. Still remain paging but limit to 30 records/page for FILL LIST - Agreed by CR Comm 2. User request to add column authorization status that can show whether it authorized / pending. 3. Request to add beside column order detail. Fill List printing: 1. To add default date & time for fill list. Facility to configure the default time in Fill List when generating the fill list. New setting to be introduce. 2. To add Prepared By and Checked By in Fill List report. At the footer of the report Fill List.	I-PhIS012247815S I-PhIS013139916S I-PhIS019915717S I-PhIS015690416S I-PhIS013416216S	H. Pakar Sultanah Fatimah H. Pakar Sultanah Fatimah H. Pakar Sultanah Fatimah H. Miri H. Miri	PhIS_CPS_Quick_Guide_2.2_OPIP_Fill List and Med Return_v1.0
10	R190018	Outpatient Pharmacy	Return Medication	Return Medication - New dataset and report 1. Add new dataset for return medication:(a)Patient Refused, (b) Uncollected Medication. 2. To add in filter by drug name. 3. New column to be added in the listing (drug name and dispensing date).	I-PhIS019342617S I-PhIS018524117S I-PhIS032099218S	H. Kuala Lumpur H. Tambunan BPF	PhIS_CPS_Quick_Guide_2.2_OPIP_Fill List and Med Return_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				4. 'Receive Return Quantity' to display expiry date 5. Update existing report spec - Drug Return.			
11	R190045	Order Management	Modification alert	If drug medication has been done by doctor during/after verification, highlight the changes by 'color' in dispensing screen.	I-PhIS014562316S	KK Greentown	PhIS_CPS_Quick_Guide_2.2_OPIP_Fill List and Med Return_v1.0 PhIS_CPS_Quick_Guide_2.2_OM_Enhancement_Web_v1.0
12	R190062	Order Management	Add drug after confirm	To display alert during dispensing if found same original prescription serial number which has not been dispensed together. This is applicable for Pharmacy Based facility only.	I-PhIS015160616S I-PhIS017151916S I-PhIS016497516S I-PhIS016808616S I-PhIS015869916S I-PhIS015809516S I-PhIS016381016S I-PhIS020518017S I-PhIS015396616S	KK Sendayan KK Ampang KK Petra Jaya H. Pekan KK Kuala Kedah KK Bukit Jambul H. Alor Gajah KK Bndr Jerantut KK Labok	PhIS_CPS_Quick_Guide_2.2_OPIP_Fill List and Med Return_v1.0
13	R190063	Outpatient Pharmacy	Dispensing	Acknowledgment 1. To allow acknowledgement if one drug is with status HOLD (prescription consists only 1 drug). 2. To auto close Acknowledgement screen after click on Acknowledge button if the facility flag is not ticked on Print Queue number. If the facility has this flag on, remain it open after Acknowledge. Preparation: 1. Add PCI hyperlink (view only) at Preparation screen (to view Intervention in PCI) 2. In all dispensing screen, all active drugs	I-PhIS020064417S I-PhIS021243417S I-PhIS015584316S I-PhIS018976417S I-PhIS017206716S I-PhIS020867517S I-PhIS044541418S I-PhIS020515917S	H. Pakar Sultanah Fatimah H. Kuala Lumpur H. Kuala Kubu Baru BPF H. Seri Manjung KK Greentown BPF H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_OPIP_Dispensing Activity Enhancement_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				should display on top of inactive medication. Apply for partial supply record only. Screening and Preparation: Move 'Prev Dispense Qty' column next to 'Order Qty' column. Dispensing stage: 1. To capture remarks entered by pharmacist in dispensing screen. To display back this remarks entered from this field in all dispensing screens. 2. Request to add 'Next Dispense At' field in Dispensing stage in PB and user able to filter by 'Next Dispense At' at Screening and Preparation screen for IP in Pharmacy Based. Release Batch: To untick PATIENT ARRIVED checkbox after release batch (at Acknowledgment and Screening screen)			
14	R190064	OPIP Pharmacy	Alternate and Intervention status	Intervention: 1. Add in new dataset for transcribing error to differentiate intervention done by doctor or pharmacist. 2. Apply to all order. Alternate: 1. User able to choose Dispense UOM (prepacking item) when do alternate drug.	I-PhIS021036217S I-PhIS009523815S	BPF KK Greentown	PhIS_CPS_Quick_Guide_2.2_OPIP_Dispensing Activity Enhancement_v1.0
15	R190019	Outpatient Pharmacy	Dispense Method UMP	Add new link to capture for UMP info if 'Dispense Method = UMP' in preparation and dispensing screen. User then able to	I-PhIS016036816S	BPF	PhIS_CPS_Quick_Guide_2.2_OPIP_Dispensing

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				enter UMP information. This info will be used in report PF 5.3(a).			Activity Enhancement_v1.0
16	R190049	MAR	View MAR & MAR	1. Not to display schedule time for discontinue or cancel drug. 2. Add Late Serve color as light blue and change Not Served=Purple (follow color code in MAR). 3. For Due record in MAR, enable user to select Not Administered in mobile/web. Suggest to call new pop up window where user able to update as Not Admin only, with reason and remarks editable. 4. Display abbreviation instead of color code in MAR: Such as: S Served, N Not Serve, F Future Dose, O Overdue, D Due, E End, / Discontinue, W Withhold, L Late	I-PhIS018894117S I-PhIS044918218S I-PhIS020046617S	H. Tanah Merah H. Tanah Merah H. Miri	PhIS_CPS_Quick_Guide_2.2_MAR_View MAR Mobile_v1.0 PhIS_CPS_Quick_Guide_2.2_MAR_View MAR Web_v1.0
17	R190065	Outpatient Pharmacy	SPUB Out at inpatient dispensing and print in Inventory D facility	SPUB for inpatient dispensing location 1.Allow to create SPUB for discharge med routed to IP pharmacy. 2.Add SPUB checkbox and function for discharge order that dispense at inpatient dispensing location. SPUB at Inventory D facility 1.Facility with Inventory D implementation type shall able to receive, view and print out SPUB online from other facility. Need to add alert to inform the receiving facility is Inventory D during sending of SPUB record. 2. Filter by SPUB Sending Status in SPUB Patient List. JKCR Solution for no.1: a. Suggest to upgrade implementation	I-PhIS021245717S I-PhIS044989518S I-PhIS050031219S I-PhIS016261116S I-PhIS020575917S I-PhIS020804417S I-PhIS020807417S	H. Taiping H. Seri Manjung H. Sarikei KK Bidor KK Kota Sentosa H. Umum Sarawak H. Umum Sarawak	PhIS_CPS_Quick_Guide_2.2_OPIP_SPUB_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				type for this facility to pharmacy based. b. Or agree with this solution and improve on SOP. (15/2: Solution - to open print function for inventory D at SPUB Notification listing page (print only).			
18	R190066	Order Management	Order Medication	Med Order 1.To add Patient Sticker button at Medication Order/Record Prescription screen when user create the visit. This label sticker used for drug cassette. 2. Allow user to select the result listing using arrow up/down instead of using mouse click. Currently when user used arrow down, it will auto select the first search result item. 3. Search listing do not cover the Original Prescriber Name column during typing. Refer file upload. Search list should appear below of Original Prescriber Name. 4. To remove Taper Up/Taper Down indicator icon at new screen of taper. In dispensing (web) and medication Order list (mobile), user will see only "Taper" label. 5. Add drug list up to 15-20 drugs in Favourite List screen. 6. To make the Next icon more visible in mobile ipad. (MOBILE ONLY) 7.Changes on alert allergy: to add in field Substance Class into Maintenance/Active Ingredient.	I-PhIS024255418S I-PhIS039455418S I-PhIS038069218S I-PhIS044537218S I-PhIS034997318S I-PhIS029461118S I-PhIS040039118S I-PhIS017677117S	H. Bhg Hulu Kinta H. Bkt Mertajam KK Kepala Batas BPF KK Ayer Lama H. Tanah Merah KK Kuala Balah H. Alor Gajah	PhIS_CPS_Quick_Guide_2.2_OM_Enhancement Web_v1.0 PhIS_CPS_Quick_Guide_2.2_OM_HOD and Quota Drug Mobile_v1.0 PhIS_CPS_Quick_Guide_2.2_OPIP_Dispensing Activity Enhancement_v1.0
19	R190067	OPIP Pharmacy	Redispensing PSY/Methadone	All PSY drug not allowed for redispensing. Kindly refer attachment. Sub modul: Methadone Dispensing and	I-PhIS016856816S I-PhIS044541218S I-PhIS044547418S	KK Greentown BPF BPF	PhIS_CPS_Quick_Guide_2.2_OPIP_Dispensing

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				normal psy drug. Methadone Dispensing: 1. System should allow for re-dispensing of Methadone drug. Control by login authorisation when user try to do re-dispensing. The redispensing will be done at Methadone Dispensing screen itself. 2. To able use 'Enter' arrow key for DD/Psychotropic authorization login screen when first time dispense methadone drug.			Activity Enhancement_v1.0
20	R190072	Pharmacy Inventory	Contract Facility Contract HQ	Validation: 1. To have alert if facility buy more than limit. Will create pop up reminder/message alert. Just reminder only but still allow to purchase if user want to. Contract Expiry: 1. Alert per each issue (expired less than or in 30 days) and dispensing (expired less than dispense duration). 2. Purchase Order: Pop-up message (alert only) during creation of PO if contract against the item going to expired within 1 month. Listing page: 1. In listing, to show by default latest and active revision only. Other status able to search by filtering the listing. 2. If the latest revision already expired, but the previous revisions are still Active (not yet expired), to display the status as 'Inactive' Contract HQ 1. When new revision of existing is	I-PhIS013738016S I-PhIS018457717S I-PhIS015298516S I-PhIS015938816S I-PhIS013829516S I-PhIS020242617S I-PhIS019484117S	H. Queen Elizabeth PKD Kerian H. Kuala Lumpur H. Kuala Lumpur BPF H. Pekan BPF	PhIS_CPS_Quick_Guide_2.2_INV_Contract_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				approved, previous version will auto inactive with color shade which same expired contract 2. Do not refresh the listing after return contract screen			
21	R190076	Pharmacy Inventory	Proposed Contract Item	To not list drugs with valid contract when creating new record	I-PhIS016062616S	BPF	PhIS_CPS_Quick_Guide_2.2_INV_Propose_Contract_Item_v1.0
22	R190073	Pharmacy Inventory	Disseminate	1. Level 1 user to allow select 'Near Expiration Item' and 'Slow Moving Item' from other level 2 and level 3 units and do disseminate inter-facility. Due to level 2/3 able to disseminate intra only. 2. Navigation improvement: When add facility >> Click + > search facility > add > search facility again > add > after done add facility > save transaction. 3. At Disseminate Type field: i) Add 'All' in the list ii) Add '*' mandatory symbol 4. To allow select previous near expiration item/slow moving item record	I-PhIS018940817S I-PhIS019380717S I-PhIS019756117S I-PhIS021520917S I-PhIS044531918S	KK Kalumpang KK Kalumpang KK Kalumpang CFLN Sabah KK Seri Kembangan	PhIS_CPS_Quick_Guide_2.2_INV_Disseminate_v1.0
23	R190084	Pharmacy Inventory	All screens	All screens: Stock balance (Quantity available) value to be consistent for all module. Quantity available = Available Qty - Reserved Qty Average usage column in all screens: 1. To display Usage & Issue Qty column based on 1 month average only. Currently is based on 3 months. 2. Usage Quantity details (pop up screen): - To have options to select 3,6,9,12 month (by default 3 months) - Display Total, no need Accumulated	I-PhIS012227715S I-PhIS014205916S I-PhIS014206116S	H. Miri KK Lundang Paku KK Lundang Paku	PhIS_CPS_Quick_Guide_2.2_INV_General_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				Quantity - Display Monthly Average			
24	R190074	Pharmacy Inventory	Notification	1. Allow to withdraw (force close) notification before notification end date due to invalid notification. 2. Slow Moving and Near Expiration Item printed report (from Notification) to sort based on expiry date 3. To increase attachment size for up to 2 MB	I-PhIS018504517S I-PhIS018623917S I-PhIS019370917S I-PhIS044593318S I-PhIS014074016S I-PhIS019684317S I-PhIS019684417S	PKD Kuala Muda KK Kalumpang KK Kalumpang KK Marang H. Tawau H. Pakar Sultanah Fatimah H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_INV_Notification_v1.0
25	R190085	Pharmacy Inventory	Penalty (Contract)	Add new penalty for contract item	I-PhIS020799817S	BPF	Fac: PhIS_CPS_Quick_Guide_2.2_INV_Penalty_Contract_Facility_v1.0 IWP: PhIS_CPS_Quick_Guide_2.2_INV_Penalty_Contract_IWP_v1.0
26	R190077	Pharmacy Inventory	Kelulusan Khas	Add new field during PO to identify record is Kelulusan Khas contract and able to upload attachment. Then able to select any LP active item based on the ordered drug/non-drug.	I-PhIS018973117S I-PhIS020799917S I-PhIS020800017S	BPF BPF BPF	PhIS_CPS_Quick_Guide_2.2_INV_PO_Kelulusan_Khas_v1.0
27	R190086	Pharmacy Inventory	eP	Link between PhIS Vote Code and eP Vote code in IWP Vote Activity, IWP Vote Object and Facility – Purchase Order screen.	I-PhIS018913417S I-PhIS018570317S	H. Tawau H. Pitas	PhIS_CPS_Quick_Guide_2.2_INV_PO_eP_v1.0
28	R190079	Pharmacy Inventory	Requisition Order	Screen: 1. Price should not be mandatory 2. Rename 'Estimated Unit Price (RM)' to 'Unit Price (RM) (SKU)' to remove word estimated since it should refer to actual price and add '(SKU)'. Report:	I-PhIS018171717S I-PhIS022221118S I-PhIS044452318S	H. Kulim H. Pekan BPF	PhIS_CPS_Quick_Guide_2.2_INV_Requisition_Order_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				1. Add vote code and vote description 2. Add '(SKU)' for Qty column header			
29	R190080	Pharmacy Inventory	Generate EPO	To not separate EPO by Item Subclass. Have options to generate EPO by Item Sub Class or not. Drug - By Item Subclass, Non-Drug by Item Class.	I-PhIS020269117S I-PhIS044367318S	KK Jenis 2 Tawau PK Titiwangsa	PhIS_CPS_Quick_Guide_2.2_INV_RPL_v1.0
30	R190075	Pharmacy Inventory	Product Complaint	1. To update report print out follow the standard format as per required by MOH HQ Team 2. To add new Reason of 'Product Complaints' in Return to Supplier screen. Add new field to select the 'Product Complaint No.'	I-PhIS020703917S I-PhIS019738417S I-PhIS024125718S I-PhIS024126218S I-PhIS024127318S I-PhIS024125418S I-PhIS024125818S I-PhIS024126118S I-PhIS021997718S I-PhIS024125518S I-PhIS024125618S I-PhIS024127218S	KK Taiping H. Putrajaya H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Tanah Merah H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur	PhIS_CPS_Quick_Guide_2.2_INV_Product Complaint_v1.0
31	R190078	Pharmacy Inventory	Purchase Order - All Purchase type	1. To display stock available qty based on item (all brands). 2. APPL & Contract: To rename "Purchase Type as "Request Type. LP: To add 'Order Type' 3. 'eP Vote Code': To rename as 'Ministry/Department Vote Code' 4. To rename Request Type = 'Contract' as 'Supplementary Order' 5. LP: For Quotation, 'Request Type' to be the same with Direct Purchase 6. LP – Direct Purchase: Add Quotation No. as optional field 8. Add flag for PASc and Reference No.	I-PhIS023857218S I-PhIS025549118S I-PhIS047492018S I-PhIS047493318S I-PhIS047501418S I-PhIS047495618S	H. Tawau H. Pekan BPF BPF BPF BPF	PhIS_CPS_Quick_Guide_2.2_INV_Purchase_Order_v1.0
32	R190087	Pharmacy Inventory	INV Penalty: PS2 & 3	1. PS 2: Remove statement 'between 8am to 5pm' to suite all operation time category	I-PhIS023671618S I-PhIS023671818S	BPF BPF	PhIS_CPS_Quick_Guide_2.2_INV_Penalty_APPL_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				2. PS 3: Remove Receiving Date and Time (Start & End) fields: Not relevant in incident PS 3 3. PS 2 & 3: • Lampiran 9: To remove value for 3) No. LPO and 4) Nilai Produk/LPO (RM) • Lampiran 10: To remove value for No. LPO'			
33	R190088	Pharmacy Inventory	INV Penalty: PS4	1. To add 'Lampiran 9' and 'Lampiran 10' at PS4 incident screen (both facility and IWP). 2. To enhance PS 4 incident screen as below: • Rename 'DO Order Quantity (PKU)' to 'Order Quantity (PKU)'. • To add new column Less/More Quantity and Less/More Quantity (Adjusted). 3. To cater scenario for 'Separa LPO'.	I-PhIS023671718S	BPF	PhIS_CPS_Quick_Guide_2.2_INV_Penalty_APPL_v1.0
34	R190089	Pharmacy Inventory	INV Penalty: Verification (HQ)	Penalty: Verification (HQ): Request to remove PS3 on LPO No. / PS16 / PS 3 field Payment mode - Voucher 1. Cheque no - Should remove mandatory * & Dim 2. Cheque Ref No - Should remove mandatory * & Dim 3. Bank name - dim & remove mandatory * & Dim Payment mode - Cheque 1. Voucher no - should remove mandatory * & Dim	I-PhIS023675618S	BPF	PhIS_CPS_Quick_Guide_2.2_INV_Penalty_APPL_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
35	R190081	Pharmacy Inventory	Penalty Lampiran 8	1. Lampiran 8 to display in PS5, PS6, PS7, PS9B, PS9A, PS10, PS11A, PS11B, PS12 only. 2. Lampiran 9 (Pengakuan /Pengesahan oleh pharmaniaga): Tarikh leave blank. 3. For all penalty form, to display 'Disediakan Oleh' based on the actual user name.	I-PhIS023671318S I-PhIS023673218S I-PhIS026719118S I-PhIS023672018S I-PhIS023671518S I-PhIS023671418S	BPF BPF BPF BPF BPF BPF	PhIS_CPS_Quick_Guide_2.2_INV_Penalty_APPL_v1.0
36	R190035	Pharmacy Inventory	Indent Inter Facility	Indent Inter facility 1. Indent - Indent can be done by any pharmacy unit (level 1, 2 and 3) 2. Issue - Dedicated unit at issuer facility will receive the indent from other facility. Indent received can be routed to different unit for issuing 3. Receiving - Receiving shall be done by unit who do the indent b) Manual - Receiving can be done by any pharmacy unit (level 1, 2 and 3) unit. 4. To allow indent for all item standard and non standard. Currently user able to indent for item non standard only. 5. To increase remarks in indent screen from 100 to 500 characters. 6. In Indent - Add Item - For preferred item: a. Display indent quantity in PKU b. Display packaging description 7. Display alert during indent if item still has pending receive quantity. Not allow to indent if indent quantity more than 'maximum storage quantity - pending receive quantity'	I-PhIS012328015S I-PhIS045735018S I-PhIS045735318S I-PhIS048131118S I-PhIS014480516S I-PhIS014470716S I-PhIS017527316S I-PhIS020931617S I-PhIS021402617S I-PhIS045151718S I-PhIS046077218S I-PhIS038483118S I-PhIS016033816S I-PhIS021686617S I-PhIS021864418S I-PhIS021666617S I-PhIS041541218S I-PhIS041589118S I-PhIS044115218S I-PhIS021851018S I-PhIS021580017S I-PhIS021962318S I-PhIS041597318S I-PhIS041601318S I-PhIS013725216S I-PhIS017093916S I-PhIS038753118S	H. Kulim H. Seberang Jaya H. Seberang Jaya KK Paya Mas KK Kalumpang KK Tanjung Piandang H. Umum Sarawak H. Tanah Merah H. Pulau Pinang H. Pasir Mas H. Umum Sarawak H. Miri BPF H. Alor Gajah H. Queen Elizabeth II KK Batu 15 Air Hitam H. Seberang Jaya H. Seberang Jaya H. Seberang Jaya H. Balik Pulau H. Sultanah Aminah H. Kota Tinggi H. Seberang Jaya H. Seberang Jaya BPF H. Tanah Merah KK Bidor	PhIS_CPS_Quick_Guide_2.2_INV_Indent_Inter_Facility_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
					I-PhIS034185218S I-PhIS044513818S I-PhIS033405118S I-PhIS044270618S I-PhIS045085318S	H. Pulau Pinang H. Saratok KK Sri Gading KK Kalumpang BPF	
37	R190055	Pharmacy Inventory	Offline Indent	Allow to enter indent qty and track the partial supply indent until fully issue. 1. To record offline indent (intra/inter) 2. Proceed with issue using RIQ process. 3. Able to create PO using offline indent 4. No receiving process (since indent is offline)	I-PhIS016037916S I-PhIS020897017S	BPF BPF	PhIS_CPS_Quick_Guide_2.2_INV_Offline_Indent_v1.0
38	R190059	Inventory	Issue - Supplying Unit	Allow user to choose issue type for user at level 3. As of now, level 3 user only able to use 'own consumption' function. User want level 3 able to do issue type as 'internal' and 'external' too. Request for unit name to show level 3 example: FBW filling kaunter as option also. Which is similar to page stock replenish. *current version not allow user to choose supplying unit (which is available when user using function "stock replenish"). In offline issue page, no any option for supplying unit appear, unlike in stock replenish page, when user (ex: user in farmasi bekalan wad substor level 2) able to change te location and assign it to level 3 (farmasi bekalan wad filling counter)	I-PhIS019596717S	H. Kota Tinggi	PhIS_CPS_Quick_Guide_2.2_INV_Issue_Supplying_Unit_v1.0
39	R190050	Inventory	Issue Offline	1. Add field 'Order Date' (Tarikh Pesanan) 2. Allow to edit record before send for approval. a) Manual Indent Reference No.	I-PhIS016037416S I-PhIS041649218S	BPF KK Tandek	PhIS_CPS_Quick_Guide_2.2_INV_Offline Issue _v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				b) Requested By c) UOM			
40	R190051	Inventory	Stock Replenish	Stock Replenish 1. Allow to edit record before send for approval. a) UOM 2. Print Label – user able to select from label option. 3. Item should not be deleted if status is 'Pending for Approval'. Allow approver to reject at item level.	I-PhIS044333118S I-PhIS016034216S I-PhIS048091218S I-PhIS050561419S	KK Tandek BPF KK Ampang KK Tandek	PhIS_CPS_Quick_Guide_2.2_INV_Stock Replenish_v1.0
41	R190056	Pharmacy Inventory	CAPD	1. To capture CAPD during PO creation 2. During receive from supplier, to direct issue to 'Hemodialysis' unit	I-PhIS014067216S	JKN Sarawak	PhIS_CPS_Quick_Guide_2.2_INV_CAPD_v1.0
42	R190054	Inventory	Receiving Inter/Intra Facility	1. To display batch no and expiry date in receive inter facility screen. 2. In receive = manual , In product search, add column to display 'Procurement type'	I-PhIS044605318S I-PhIS044445118S I-PhIS047491418S I-PhIS047491718S I-PhIS047495718S I-PhIS047497318S	H. Selayang BPF BPF BPF BPF BPF	PhIS_CPS_Quick_Guide_2.2_INV_Receive_Intra_Inter_v1.0
43	R190052	Inventory	Receive From Supplier	Receive from Supplier 1. 'Receive Category' rename 'Receive Type'. 2. To increase 'Reference No' fields to 50 characters. 3. To change on fields location 4. LPO Date Receive category is mandatory to be selected. Value as below: a) Purchase order b) *Procurement by other MOH facilities c) *Procurement by other ministries/ government agencies d) *Procurement by others e) Replacement f) *Patient Access Scheme	I-PhIS016037216S I-PhIS022269118S I-PhIS036143118S	BPF BPF H. Grik	PhIS_CPS_Quick_Guide_2.2_INV_Receive_from_Supplier_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				g) *Compassionate Program h) *Gift *To replace FOC 5. To display Issue No field after receiving is approved			
44	R190053	Inventory	Return to Supplying Unit - Approve/Reject at item level	1. Allow to approve/reject by item line level a) Add new column for 'Reject' with checkbox b) User can reject some item by select on reject checkbox and click on 'Approve' button c) User can reject all items by click on 'Reject' button d) At least 1 item cannot be rejected if user want to approve the request	I-PhIS018970017S	H. Selayang	PhIS_CPS_Quick_Guide_2.2_INV_Return_to_Supplying_Unit_v1.0
45	R190034	Pharmacy Inventory	Inventory Data management (Bad Data)	1. New function to deduct stock (bad data) from facility stock balance without using condemn or own consumption function. 2. Screen will be similar as condemn and will be known as 'data management' 3. Verification by head of department are required 4. One off activity. Once completed function will be disabled.	I-PhIS045137318S	BPF	PhIS_CPS_Quick_Guide_2.2_INV_Data_Management_v1.0
46	R190057	Pharmacy Inventory	Stock Checking & Store Verification	1. 'Physical Checking' screen will be replaced with 2 new screens a. Stock Checking - Screen available to level 1 and level 2 only. b. Store Verification - Screen available to level 1 only. 2. Changes on count sheet layout 3. Allow to capture verifier information 4. Replace KEW.PS-14 and KEW.PS-17 with	I-PhIS021808518S I-PhIS033785218S I-PhIS021590617S I-PhIS021890918S	MUSB Sibu H. Kuala Lumpur CFLN Sabah H. Kuala Lumpur	PhIS_CPS_Quick_Guide_2.2_INV_Stock_Verification_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				KEW.PS-10 / PSS1/2018 5. Allow to print in excel			
47	R190058	Inventory	Near Expiration Item	1. To add selection of UOM and new column for "Offered Quantity (PKU)". 2. To add 'Item Purchase Type' as filtration before generate Near Expiration Item list 3. To move 'Near Expiration Item' menu to 'Others' *To move the menu is related to change request for 'Condemn and Write Off'	I-PhIS015940016S I-PhIS018448517S	H. Kuala Lumpur H. Bukit Mertajam	PhIS_CPS_Quick_Guide_2.2_INV_Near_Expiration_Item_v1.0
48	R190060	Pharmacy Inventory	Condemn	1. Add (*) symbol at 'Suggested Condemn Method' column. 2. Role assignment: To allow level 2 & 3 to do condemn. Currently level 2 & level 3 doesn't allow to performed condemn transaction due to no specific role given to level 2 & level 3.	I-PhIS017558517S I-PhIS018714917S I-PhIS044857518S	KK Kalumpang H. Tanah Merah KK Paloh	PhIS_CPS_Quick_Guide_2.2_INV_Condemn_Write_Off_v1.0
49	R190090	Ward Pharmacy	Ward pharmacy	1) To add hyperlink medication counseling at Ward Pharmacy (CP2) 2) To allow record daily review & C&S without CP2 Rules : Chief complaint need to be enter then only will count as CP2 3) To allow to update diagnosis at patient banner same function as in Dispensing screen. (Apply to MTAC also) 4) Rename 'Transcribe by' to 'Created by' at section below patient banner 5) C&S - Date (Sampling) : Open for any days	I-PhIS043703118S I-PhIS044333718S I-PhIS033643218S I-PhIS040343218S I-PhIS044367818S I-PhIS044510618S I-PhIS041343118S I-PhIS037925118S I-PhIS045159918S I-PhIS044512218S I-PhIS049802719S	H. Tapah H. Sibu H. Tengku Ampuan Afzan H. Tanah Merah H. Pekan H. Tengku Ampuan Afzan H. Machang H. Tengku Ampuan Afzan H. Teluk Intan H. Tengku Ampuan Afzan H. Raja Perempuan Zainab II	PhIS_CPS_Quick_Guide_2.2_WP_1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
50	R190091	WP, MTAC, MC	(CP1) WP, MTAC, MC & Mobile	To enhance CP1 as below: 1) To display two section :- - Active Medication (Will capture prescription which Partial Supply and Current Medication) - InActive Medication (Will capture prescription which fully supply and Past 1 year from order date, except 'Cancel Drug') 2) To include 'Stop' drug 3) Sort by the latest/ recent order 4) CP1 Printed Form: i- To remove 'Current Medication in ward' in CP1 printing ii- To rearrange "Allergies", "Diagnosis", and "Adverse Drug iii- Reactions" so that space is optimised (less wasted space) iv- To include "Last discharge / review date" in printed CP1 form v- To display 'Time' below date in "Pharmacist Note" column Changes should apply to MTAC, MC, WP & Mobile and To standardize CP1 form for All modules	I-PhIS012567115S I-PhIS045193418S I-PhIS044183618S I-PhIS031979118S I-PhIS045057918S I-PhIS018592317S I-PhIS015891316S I-PhIS014080816S	H. Pakar Sultanah Fatimah H. Tengku Ampuan Afzan H. Tengku Ampuan Afzan H. Kuala Lumpur H. Raja Permaisuri Bainun H. Wanita & Kanak-kanak Sabah H. Seri Manjung H. Seri Manjung	PhIS_CPS_Quick_Guide_2.2_CP1_1.0
51	R190092	WP, MTAC, MC	Copy assessment WP, MTAC, MC & Mobile	1) To provide list of visit to select assessment from which visit to be copied (Assessment & Medical History should be based on data in CP2)	I-PhIS018577417S I-PhIS012610115S I-PhIS045265318S I-PhIS033575118S	BPF H. Tanah Merah H. Kuala Lumpur H. Tengku Ampuan Afzan	PhIS_CPS_Quick_Guide_2.2_Clinical_Assessment_1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
52	R190093	MTAC	MTAC Respiratory	Asthma Details: 1) Possible Asthma Trigger Factors, - To add 'Respiratory Tract Infection' 2) To add 'Spirometry Readings (asthma & copd)' 3) To add 'Asthma Symptom Control' Form 4) To add 'Childhood Asthma Control Test' (C-ACT) 5) ACT Score Changes: a) ACT score, Change to below: (25) Congratulations! (20-24) On Target (≤19) Off Target b) Rename Question no 3 as below: During the past 4 weeks, how often did your asthma symptoms (wheezing, coughing, shortness of breath, chest tightness or pain) wake you up at night or earlier than usual in the morning? c) Answer for Question no 3 change to below: '4 Or More Times A Week' rename to '4 or more nights a week' d) Answer for Question no 5 change to below: 'Not controlled' rename to 'Not controlled at all' COPD Details Section: a. Question no 5 (right pane) rename to below: "I am very limited doing activities at home" b. Question no 6 (right pane) rename to	I-PhIS012610715S I-PhIS018578017S I-PhIS017935617S I-PhIS024501118S I-PhIS032551118S I-PhIS033437118S I-PhIS049793819S I-PhIS051353319S I-PhIS051353219S I-PhIS050337419S I-PhIS049792919S I-PhIS049792619S I-PhIS049792519S I-PhIS019551317S	H. Tanah Merah BPF H. Seberang Jaya H. Kulim BPF H. Enche Besar Hajjah Kalsom H. Raja Perempuan Zainab II H. Tuanku Fauziah H. Tuanku Fauziah H. Pulau Pinang H. Raja Perempuan Zainab II H. Pulau Pinang H. Pulau Pinang H. Seberang Jaya	PhIS_CPS_Quick_Guide_2.2_SD_Respiratory_1.0.docx

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				below: "I am not at all confident leaving my home because of my lung condition" c. CAT Score Indicator change to below: (<10) Low Impact (10-20) Medium Impact (> 20) High Impact (>30) Very High Impact Inhaler technique understanding Sections: a. 'Inhaler Technique Understanding' rename to 'Inhaler Technique Checklist' b. Change the 'Inhaler technique' navigation from listing to drop down menu, Devices list as below: § MDI Score § Easyhaler Score § MDI and Aerochamber Score § MDI and TUBE Score § MDI and Optichamber Score § Turbuhaler Score § Accuhaler Score § Handihaler Score § Breezhaler Score § Respimat Score § Soft Misthaler Score § Ellipta Score b. to update inhaler technique evaluation following the latest. MTAC Report Printing - To display score details (number) instead of category only (i.e GOOD, SATISFIED POOR etc.)			

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
53	R190094	MTAC	MTAC Reporting / Printing	1) To display Next appointment date at reporting screen. Next appointment date should be stated at reporting screen to monitor next appointment schedule. 2) To display date of MTAC visit on the report, not the date of printing 3) To display name of Pharmacist who did the MTAC, not the person printing the report	I-PhIS012100315S I-PhIS009766315S	H. Ampang KK Greentown	PhIS_CPS_Quick_Guide_2.2_MTAC_Reporting_1.0.docx
54	R190095	MTAC	Lab Parameter	Lab Parameter 2) Blood Sugar - Normal Range for FBS, RBS, and 2HPP The correct value should be <= instead of => 3) Others - To add 4 new parameters	I-PhIS044820318S	H. Taiping	PhIS_CPS_Quick_Guide_2.2_WP_1.0
55	R190096	MTAC	MTAC Warfarin	MTAC Order -Warfarin To add free text field for 'Time in Therapeutic Range (TTR)'	I-PhIS014117716S	H. Queen Elizabeth II	PhIS_CPS_Quick_Guide_2.2_SD_Warfarin_RVD_1.0.docx
56	R190097	MTAC	MTAC Specific Details	To add new specific details for MTAC type as below: 1) Psoriasis 2) Haemophilia 3) Thalassemia 4) RVD - To add : i) Date of Diagnosis ii) Start HAART Date *To display the specific details in MTAC report printing	I-PhIS023403118S I-PhIS031087118S I-PhIS008754315S	H. Queen Elizabeth H. Wanita & Kanak-kanak Sabah H. Kulim	PhIS_CPS_Quick_Guide_2.2_SD_Psoriasis_1.0.docx PhIS_CPS_Quick_Guide_2.2_SD_Thalassaemia_1.0.docx PhIS_CPS_Quick_Guide_2.2_SD_Haemophilia_1.0.docx
57	R190098	Clinical Pharmacokinetic Services (CPS) & TDM	TDM Calculator	To insert calculator for peadiatric clearance creatinine (Involving calculator for Aminoglycoside, vancomycin & Digoxin only)	I-PhIS010192415S	BPF	PhIS_CPS_Quick_Guide_2.2_TDM_Calculator_1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
58	R190099	Clinical Pharmacokinetic Services (CPS) & TDM	TDM (Sample Management) / Outsource	1) To allow 'cancel' and 'reject' for sample which has been sent for Outsource 7/9/2018 - CR Committee - Agreed to allow for 'Cancel' record from Sender similar as function in SPUB.	I-PhIS023623418S	H. Marudi (Pharmacy Based) KK Bandar Maharani KK Bandar Maharani	PhIS_CPS_Quick_Guide_2.2_TDM_Cancel Outsource_1.0
59	R190100	Adverse Drug Reaction	NPRA- Request to have Notification Message once NPRA Send	To add status 'NPRA Received' - Once record sent from IWP to NPRA 'Feedback Received' - Once NPRA sent to IWP.	I-PhIS039581118S I-PhIS043695118S	H. Kepala Batas H. Tengku Ampuan Jemaah	PhIS_CPS_Quick_Guide_2.2_ADR_1.0
60	R190101	Adverse Drug Reaction	ADR Reporting - Cancel Function	To add cancel function but only for record which not yet 'confirmed'	I-PhIS041721118S I-PhIS043335118S	H. Kuala Kubu Bharu H. Sungai Bakap	PhIS_CPS_Quick_Guide_2.2_ADR_1.0
61	R190102	Drug Information & Consumer Education	Drug Information & Report Printing	1) To relocate 'Enquiry Received by' to "Response Details" section 2) To allow edit drug information request sent at verification level. Edit by verifier. To display in drug information report printing: 1) Drug information request number 2) Patient name 3) Ic number 4) To show irrelevent/relevent status in report	I-PhIS044340718S I-PhIS025413118S I-PhIS019116817S	H. Tanah Merah H. Pulau Pinang H. Queen Elizabeth	PhIS_CPS_Quick_Guide_2.2_Drug_Information_1.0
62	R190104	Manufacturing - CDR	CDR MAR	1. For MAR screen, to have new condition, if patient is prescribed with active CDR medications (based on the start and end date). Once discharge should remove the patient from MAR list, once re-admitted, to be able to see the previous visit prescribed CDR medications if the medication is still active 2.Add patient BSA to medication chart	I-PhIS018527317S I-PhIS020009017S	H. Pakar Sultanah Fatimah H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_MANF_CDR_MAR_v1.0 PhIS_CPS_Quick_Guide_2.2_MANF_CDR_Order_Mobile_v1.0
63	R190105	Manufacturing - CDR	CDR Preparation	1. To allow withhold drug by day or by dose. Eg, By day: Multiple drugs for 1 day	I-PhIS020023117S I-PhIS045138318S I-PhIS045437618S	H. Dutchess of Kent H. Kuala Lumpur H. Pakar Sultanah Fatimah	PhIS_CPS_Quick_Guide_2.2_MANF_CDR_Preparation_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				By dose: One drug, select any dose to withhold 2. To allow intervene the partially supply record, but should not affect the previous dispensed dose and should still be under same regimen cycle. Scenario: Can postpone day, change dose, cancel dose 3. To have scheduler auto inactive once after Cycle End Date.			
64	R190106	Manufacturing - CDR	CDR Order	1. To allow edit BSA value at CDR Order 2. To display 'Total Dose' in Prescription drug list 3. To add new field of 'Total Volume' in CDR Order screen. Infusion Rate to calculate based on the 'Total Volume' not 'Diluent Volume'	I-PhIS044367918S I-PhIS044785318S I-PhIS042553118S I-PhIS036151118S	H. Taiping H. Kuala Lumpur H. Pulau Pinang H. Dutchess of Kent	PhIS_CPS_Quick_Guide_2.2_MANF_CDR_Order_v1.0
65	R190103	Manufacturing - Galenical	Work Order/Prepacking Label	To have new label option and design: General Label: 40mm X 40mm *Same design as Label for External Preparation: 40mm X 40mm but without the hardcoded instruction: 'TIDAK BOLEH DIMINUM NOT TO BE TAKEN Jauhi ubat dari kanak-kanak'	I-PhIS044868018S	H. Sultanah Aminah	PhIS_CPS_Quick_Guide_2.2_MANF_Prepacking_Galenical - Label_v1.0
66	R190107	Manufacturing - PN	PN Order	Allow to edit TPN Volume	I-PhIS019216717S		PhIS_CPS_Quick_Guide_2.2_MANF_PN_Order_v1.0
67	R190108	Manufacturing - PN	PN - Ver/Prep/Disp	Ver/Prep/Disp: 1. To save worksheet with the drug details without allocation details on click of 'Calculate' button Worksheet: 1. Add new row in worksheet to display value 'Content /L', to auto calculate the content value per litre	I-PhIS020135217S I-PhIS017804617S I-PhIS019426817S I-PhIS019166217S I-PhIS019426417S I-PhIS019157017S	H. Raja Permaisuri Bainun H. Pulau Pinang H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Tengku Ampuan	PhIS_CPS_Quick_Guide_2.2_MANF_PN_Preparation_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				2. To add new field to enter Calories in PN Source Content, in worksheet to calculate based on each ingredient Label: 1. Label to display Drug Name instead of hardcoded (LIPID, SOLUVIT, VITALIPID) 2. To print value in label without overage. In worksheet to display value with overage. When compounding to refer worksheet only, label is for administration purposes only. Add disclaimer in worksheet, 'This worksheet includes overage volume (if any)' 3. Request to add Patient IC No for PN drug label.	I-PhIS016151216S	Rahimah BPF	
68	R190109	Manufacturing - PN	PN Label	1. To add prepared date in bag label. To realign label layout. Applicable to compounded and commercial with additive 2. To display the Infusion Over in TPN label. To adjust label layout to fit the infusion over. Lipid syringe label not required. 3. In bag label, no need to display Vitamins value if using Single Vitamins (already display in lipid label). Currently display sum of the single vitamins volume 4. To display L-glutamine UOM in 'g'	I-PhIS021510917S I-PhIS034905518S I-PhIS044453318S I-PhIS044453418S	H. Enche Besar Hajjah Kalsom H. Queen Elizabeth II BPF BPF	PhIS_CPS_Quick_Guide_2.2_MANF_PN_Preparation_v1.0
69	R190083	Manufacturing - Radiopharma	Order & Preparation	Order: 1. Default date to today even if today is setup as holiday, only display alert message to inform user app date selected is not working days 2. To add validation, when confirm order, if appointment date not equal to ordered	I-PhIS020649117S I-PhIS021652817S I-PhIS021969618S I-PhIS021493717S I-PhIS021494117S I-PhIS021498217S	H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur	PhIS_CPS_Quick_Guide_2.2_MANF_RP_Order&Dispensing_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				date, to display confirmation alert but allow to proceed 3. To allow order radiopharma drug using Normal Order screen Patient Label: 1. To add patient ID in label 2.Add line between Drug Name and Batch No 3. Facility name to align center 4. Administered By change to Prepared By and Checked By 5. To hide Expiry Date/Time	I-PhIS021498317S I-PhIS021493917S	H. Kuala Lumpur H. Kuala Lumpur	
70	R190082	Manufacturing - Radiopharma	Generator Elution & Kit Preparation	Both: 1. To add drop down list to select user's unit 2. Default to user's unit as per in user profile if the unit is level 3 3. If user's unit is not level 3, to not have default value, list all level 3 unit under pharmacy dept Generator Elution: 1. To allow change Elution Date in GE until record in confirmed. Elution Date display as Date/Time. 2. Listing page to display both Elution Date and Measured Date 3. To not allow proceed if measured date not equal to elution date 4. In GE worksheet, to add column to display generator brand/manufacturer Kit Preparation: 1. To auto calculate eluate volume. Calculate based on record Created Date/Time 2. Preparation & Worksheet: Add Volume	I-PhIS020845717S I-PhIS021404017S I-PhIS021550917S I-PhIS021647517S I-PhIS020541017S I-PhIS029477118S I-PhIS036319218S I-PhIS029845118S I-PhIS032629418S I-PhIS021403217S I-PhIS021552217S I-PhIS021551217S	H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur BPF H. Umum Sarawak H. Umum Sarawak H. Umum Sarawak H. Umum Sarawak H. Kuala Lumpur H. Kuala Lumpur H. Kuala Lumpur	PhIS_CPS_Quick_Guide_2.2_MANF_RP_GE&KP_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				field for Cold Kit (mandatory field and include in total volume) 3. To not set Saline Vial as mandatory field			

3.2 Resolved Defect List

N/A

4 Refinement List – Detail Changes

N/A

5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	1. PatchScripts_PhIS_V2.2.1 (2.0.X_PhIS) 2. PatchScripts_PhIS_V2.2.2 (2.2.X_PhIS) 3.PatchScripts_PhIS_V2.2_Functions	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/scripts
2	Facility Script	Discharge_Active_IP_Visit_For_Inactive_Patients.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/scripts
3	Facility Application	iphis_v2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war
4	Facility Application	PhISService_v.2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war
5	Facility Application	PhISSchedulers_v.2.2.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/jar
6	Facility Application	phis_Email_v2.2.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/jar
7	Facility Application	phisIntegration.properties	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/jar
8	Mobile Application	iphismobile_user_v2.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war
9	Mobile Application	phisAPI_v2.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war
10	Mobile Application	Ipadhosp-2.2.0b21.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/Mobile
11	HQ Script	1. PatchScripts2.2_IWP.txt 2. PatchScripts2.2_IWP_Functions.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/scripts
12	HQ Application	phishq_v2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/war

No.	Items	Components	Path
13	HQ Application	masterRelease_v2.2.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/jar
14	HQ Application	epservice.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/war
15	HQ Application	PharmaService_v2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/war

5.2 Backup Procedure before Deploy

5.2.1 Backup Procedure

Using backup tool, backup the following files and folder and database as per table below;

No.	Type	Backup Item	Description
1	Application	/home/phisesb /opt/phisesb /usr/share/fonts/truetype	PhIS Integration Application PhIS Core Application Fonts required by PhIS
2	Database	phisprod database	PhIS Live database

5.3 Deployment/Installation Guidelines

5.3.1 Deployment at Facility

Below table is described the deployment steps at Facility:

Step	Items	File Name	Source Path	Action
1	Facility Script	1. PatchScripts_PhIS_V2.2.1 (2.0.X_PhIS) 2. PatchScripts_PhIS_V2.2.2 (2.2.X_PhIS) 3.PatchScripts_PhIS_V2.2_Functions	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script files highlight and execute
2	Facility Script	Discharge_Active_IP_Visit_For_Inactive_Patients.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/scripts	Please ensure execute query by query
3	Facility Application	iphis_v2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war	Please rename the war file to iphis.war then deploy.

Step	Items	File Name	Source Path	Action
4	Facility Application	PhISService_v.2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war	Please rename the war file to PhISService.war then deploy.
5	Facility Application	PhISSchedulers_v.2.2.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
6	Facility Application	phis_Email_v2.2.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
7	Facility Application	phisIntegration.properties	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
8	Mobile Application	iphismobile_user_v2.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war	Rename iphismobile_user_v2.0.4.war to iphismobile_user.war and deploy.
9	Mobile Application	phisAPI_v2.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/facility/war	Rename phisAPI_v2.2.war to phisAPI.war and deploy.
10	Mobile Application	Ipadhosp-2.2.0b21.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/Mobile	Renameipadhosp-2.2.0b21.war to ipadhosp.war and deploy. - Mobile Frontend: 2.2.0r29 - Mobile Backend: 2.2.0b21

5.3.2 Deployment at HQ - IWP

Below table is described the deployment steps at HQ - IWP:

Step	Items	File Name	Source Path	Action
1	HQ Script	1. PatchScripts2.2_IWP.txt 2. PatchScripts2.2_IWP_Functions. txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/scripts	Execute as Script
2	HQ Application	phishq_v2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/war	Rename the war file from phishq_v2.2.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.2.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/jar	Rename the jar file from masterRelease_v2.2.jar to masterRelease.jar and copy to directoty '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/war	Deploy using Glassfish Administration Console
5	HQ Application	PharmaService_v2.2.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2/iwp/war	Rename war file from PharmaService_v2.2.war to PharmaService.war and then deploy to Glassfish