



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

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## Release Note

## For version 2.5

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	19/07/2021	Zainura Said	Chew Ming Ping	First Version

### Verified and Acknowledged by:

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### Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
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	:	2.5
Client Name	:	Ministry of Health
Release ID	:	RL21/012
Release Date	:	19/07/2021

### 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 v2.5:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R210001	Patient Management	Patient Label	(Patient Label) 1. To add (-) for MyKad and MyKids and Bold IC No. for in sample label	20825292C	KK Greentown	PhIS_CPS_Quick_Guide_2.5_PM_v1.0
2.	R210002	Outpatient Pharmacy	En-Phc Enhancement	En-Phc 1. Allow to change value more than 8. Make value from dataset changeable by data master 2. Add hyperlink for Adherence Score history and MPR history in all dispensing screens	I-PhIS018987617S I-PhIS018988017S	PPF, KKM PPF, KKM	PhIS_CPS_Quick_Guide_2.5_OPIP_v1.0
3.	R210003	Order Management Web	Re-Order with Different Duration	Renew Order 1. Propose to auto fill the Prescriber Name and original prescription serial no at re-order rx with different duration screen. Both of this information shall be carry forward from information entered at drug order screen into re-order screen. 2. To leave blank for ori. presc serial during order with different duration.	18599048C 19800612C 19797192C 20822136C	H. Raub KK Balai H. Kuala Kangsar KK Kuala Sepetang	PhIS_CPS_Quick_Guide_2.5_OM_Web_v1.0
4.	R210005	Order Management Web	Allow Dosage Schedule up to 8x for interval frequency	Allow dosage schedule for frequency, eg: 6X/7X/8X Daily. However, current Dosage Schedule admin time is set max to 6 times only. Project team to advise.	19819320C (RMS:200001302 E)	H. Banting	PhIS_CPS_Quick_Guide_2.5_OM_Web_v1.0 PhIS_CPS_Quick_Guide_2.5_OM_Mobile_1.0
5.	R210048	Order Management Web	Duplicate order for IP vs IP	Allow duplicate order for IP vs IP by providing 'Proceed Order' button when found duplicate order. For drug that allow	20834617C (RMS:200001464 E) I-PhIS066753120S	H. Tengku Ampuan Afzan, Kuantan	PhIS_CPS_Quick_Guide_2.5_OM_Web_v1.0 PhIS_CPS_Quick_Guide_2.5_OM_Mobile_1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				duplicate, to add in button Proceed Order (same like OP) for IP vs IP order			
6.	R210007	Order Management Web	Pediatric calculator	When use Paed Calculator, height will not mandatory. However, if paed dose calculation for 'mg/m2' is using BSA to count the dosage, Height and Weight will be mandatory. Notes: During calculation- make height is not mandatory field (but height is mandatory for cytotoxic drug calculation)	I-PhIS062957219S (19785807C) I-PhIS064319219S (19800628C) I-PhIS064065619S (19797626C)	KK Jalan Masjid KK Balai KK Batu Pahat	PhIS_CPS_Quick_Guide_2.5_OM_Web_v1.0 PhIS_CPS_Quick_Guide_2.5_OM_Mobile_1.0
7.	R210008	Outpatient/Inpatient Pharmacy	Intervention new flow**	Propose Solution: 1. Intervention screen to change design by adding a radiobutton (intervention by prescriber or intervention by pharmacist) 2. To change current flow of intervention by hold value of intervention reason until dispense and by prescription. 3. To update query at report Intervention, PF 5.4 and PF 6.3(b) based on the above condition. Additional notes: for same intervention reason added/insert new, report shall count as 1 record, either add in new order or partial. 4. To capture intervention record added at Screening and Verification and bring forward until Dispensing stage. Once added at Screening, intervention record will appear on next stage. Report will count this as 1 until it is dispensed.	RMS: 200000201E	H. Seri Manjung	PhIS_CPS_Quick_Guide_2.5_OPIP_v1.0 PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
8.	R210010	Outpatient/Inpatient Pharmacy	Intervention for Hold drug and capture intervention record correctly	Proposed Solution: a. Allow user to intervene HOLD drug that does not have dispensed quantity in previous dispensing. b. Not applicable for HOLD record that has partial dispense quantity	I-PhIS027309118S (18307436C) I-PhIS045487918S (18571457C)	H. Tanah Merah H. Tanah Merah	PhIS_CPS_Quick_Guide_2.5_OPIP_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				c. Not applicable for normal drug status that dispensed with 0 quantity d. New rules above applicable for partial prescription only			
9.	R210042	Outpatient/Inpatient Pharmacy	Drug label	To display 2 decimal point in drug label for child age 0-1 month (newborn) only.	I-PHIS051555119S (19646721C) 200002523E	H. Raja Perempuan Zainab II H. Umum Sarawak	PHIS_CPS_Quick_Guide_2.5_OPIP_v1.0
10.	R210011	Outpatient/Inpatient Pharmacy	POMs allow to untick checkbox	1. Request raise during UAT V2.3. User request to allow user untick the POMs checkbox if they have tick on it. This is to allow user change the POMs drug back to normal drug. Below is the details: POMS - New Request POMs for OP patient a.To auto deduct from manually entered "POMs Received" to 'Balance'. b. Able to undo POMs exp in situation like patient wrongly inform about POMs after click option POMs. Currently when user tick on POMS, user not able to untick again. c. System able to allocate balance if POMs received qty less than order qty. d. Able to untick POMS checkbox for partial dispense record (if previous drug updated as POMS). Currently Once check on POM checkbox, it cannot be unchecked/undo	210004441E 210004442E  200002994E 200003707E 200004013E	PPF, KKM PPF, KKM  H. Sungai Siput H. Tanah Merah H. Raja Permaisuri Bainun	PHIS_CPS_Quick_Guide_2.5_OPIP_v1.0
11.	R210043	Outpatient/Inpatient Pharmacy	SPUB R1 Form - Alternate Drug	1. Display alternate drug in SPUB R1 Form. To display alternate drug under original drug. However got small impact to indent SPUB. Indent SPUB to allow alternate drug 2. Allow user enter prescriber name from referred facility manually (free text) for the SPUB IN order. System can't populate	19668435C  19771421C	H. Pakar Sultanah Fatimah, Muar KK Kabong	PHIS_CPS_Quick_Guide_2.5_OPIP_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				the prescriber's name as their name is not exist in the receiving facility			
12.	R210012	Outpatient Pharmacy	Changes on Dispensing screen	Changed in Dispensing screen Option for dropdown in 'Dispense At': 1. Pharmacy Counter 2. Drive through counter 3. PPUSS 4. Bedside Option for dropdown in 'Current Collection Mode' will follow the option choose at 'Dispense At' Dispense at: Pharmacy Counter Current Collection Mode: 1. Normal Collection 2. UMP 3. Appointment Card 4. Telephone & Take 5. SMS & Take - 'Communication Apps in Smart Phone' 6. Email & Take 7. Fax & Take 8. Lain-lain 9. Locker4U 10. Letak & Ambil Dispense At: Drive Through Counter Current Collection Mode: 1. Appointment Card 2. Telephone & Take 3. SMS & Take - 'Communication Apps in Smart Phone' 4. Email & Take 5. Fax & Take 6. Lain-lain 7. Walk-in/Without Appointment	20843919C	KK Kampung Simee	PhIS_CPS_Quick_Guide_2.5_OPIP_v1.0 PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				<p>Dispense At: PPUSS</p> <p>Current Collection Mode:</p> <ol style="list-style-type: none"> <li>1. Appointment Card</li> <li>2. Telephone &amp; Take</li> <li>3. SMS &amp; Take - 'Communication Apps in Smart Phone'</li> <li>4. Email &amp; Take</li> <li>5. Fax &amp; Take</li> <li>6. Lain-lain</li> <li>7. Locker4U</li> </ol> <p>Same goes with the option for dropdown for 'Next Collection Mode' &amp; 'Next Dispense At'</p> <p>OP partial supply collection mode can rename as next collection mode.</p> <p>Re-arrange position at Pharmacy Order at Dispensing screen (refer image). Summary - to move current action on to of next action.</p> <p>Need to check impact on report for Dispense=Locker4U since statistics not appear in report PF. To reconfirm with user where to put this statistic.</p>			
13.	R210044	Report Enquiry - Pharmacy	FPP Med. Summary and screen	To add FPP Medication Summary for OP. Currently we only have FPP Medication Summary listing IP under Inpatient. However we need to add function FPP for OP and Daycare visit. Then only can add FPP OP in report.	I-PhIS032093418S (18373217C)	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
14.	R210024	Report Enquiry - Pharmacy	Intervention Rep	To capture reasons in Intervention report as 1 event though user enter multiple times in same cycle of dispensing.	200000201E	H. Seri Manjung	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				Changes in report Intervention, PF 5.4 and PF 6.3(b)			
15.	R210029	Outpatient Pharmacy	Countercheck - error factor should display patient banner	When open error factor screen, system should display the patient banner because they do not know which patient they open and referring to.	I-PhIS044543218S	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_OPIP_v1.0
16.	R210022	Report Enquiry - Pharmacy	KKUPP	Add column and filter by Patient MRN number in report	I-PhIS022715318S (18246038C)	H. Kuala Lumpur	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
17.	R210079	Report Enquiry - Pharmacy	MAA Report	1. To update flow in dispensing screen to get the result correctly. If drug already fully dispense or stop, should not count for MPR. Report will not show drug if fully dispensed or stop. 2. To exclude SPUB Out from MAA report.	I-PhIS019776617S (17178578C) I-PhIS045011418S (18564333C)	KK Pekan Nenas KK Pontian	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
18.	R210080	Report Enquiry - Pharmacy	Drug Usage By Patient	Drug Usage rep - Add batch number and expiry date in drug usage report. If one drug has 2 batch Solution - to add column batch number, however if got 2 batch, then report will display 2 row	I-PhIS032849118S (18384075C)	H. Umum Sarawak	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
19.	R210023	Report Enquiry - Pharmacy	Prescription Management IP	Add filter by Visit Type = Daycare/Emergency/Inpatient/Outpatient /SPUB/Walk-In/Outsource	I-PhIS050688019S (19636042C)	H. Pontian	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
20.	R210081	Report Enquiry - Pharmacy	Prescription Dispensed	Filter for date and time in Prescription Dispensed report. Propose to use same concept as in Waiting Time report for filter by office hour and after office hour. • To follow Waiting Time report filter for Working Hour filter in Prescription Dispense report	I-PhIS016420116S I-PhIS019605917S (17173977C)	H. Sungai Bakap H. Tanah Merah	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
21.	R210028	Report Enquiry - Pharmacy	SPUB Record	To add filter by Next Collection Date for SPUB Rekod (for SPUB In)	200003760E	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
22.	R210030	Report Enquiry - Pharmacy	Patient Registry	Add Filter by Discharge Date in Patient Registry.	I-PhIS021898218S (18232122C)	H. Tanah Merah	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
23.	R210045	Patient Management	Add new visit type= PAC	<p>Patient Management – new visit type</p> <ol style="list-style-type: none"> <li>To add Visit Type = ‘PAC’ (Patient Assessment Centre) at Visit Type drop down.</li> <li>Involve integration between HIS &amp; PhIS. Location PAC currently not related with current Visit Type in PhIS.</li> <li>This visit will follow Emergency Department (ER) process flow.</li> </ol>	20874471C RMS:200003470E	H. Raja Permaisuri Bainun	PhIS_CPS_Quick_Guide_2.5_PM_v1.0
24.	R210016	Manufacturing - PN	Medication Order PN- Request alert for exceeding limit	<p>User request to provide alert for any exceeding limit since each component of each bag has limit. For example, smofkabiven 1.5L central got limit 225mmol per bag for sodium and potassium.</p> <p>To add guidelines value in PN Source Content, add new column to store the maximum value for each component. Use for commercial additive only. However exclude reading on Nutriflex. Refer to table document as a guideline.</p>	I-PhIS013658116S	H. Queen Elizabeth II	PhIS_CPS_Quick_Guide_2.5_MANF_PN_v1.0
25.	R210017	Manufacturing - Galenical	Manufacturing - Galenical	<ol style="list-style-type: none"> <li>Request preparation expired date follow material with latest expired date - To generate expiry date based on latest raw material expiry date not based on shelf life. Applicable only when raw material expiry date is less than default shelf life from HQ. If more, to follow HQ shelf life (to take the shortest expiry date). Refer attachment6.</li> <li>To add Item Packaging Description in printed worksheet. Refer attachment6. Solution - to replace Pack Size to Packaging Desc in worksheet</li> </ol>	I-PhIS033929118S (18399794C) I-PhIS042669218S (18528755C) I-PhIS044453018S (19645439C) (RMS:200000958 E)	H. Selama  H. Pekan  PPF, KKM	PhIS_CPS_Quick_Guide_2.5_MANF_Galenical_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				3. To add function cancel before production complete during 'In Progress' status. Refer attachment7. Propose solution - change delete button to Cancel and add Edit button.			
26.	R210020	Manufacturing - CDR	CDR Label - Request to round off volume	To round off Volume in CDR label. Same issue also has been requested by user during UAT V2.3  solution: <1ml = drug final volumn in 2 decimal point 1ml-9.9ml = 1 decimal >10ml = round number	I-PhIS049343719S (19618577C)	H. Raja Perempuan Zainab II	PhIS_CPS_Quick_Guide_2.5_MANF_CDR_v1.0
27.	R210021	Prepacking	Prepacking - Request able to export to excel	To add Excel button in prepacking screen  Base on Report : 20822243C Untuk bahagian Prepacking (Inventory->Inventory Management->Others->Prepacking), diharap dapat diwujudkan butang untuk eksport data kepada excel untuk pengiraan manual yang lebih tepat dan terdapat 1 kolum jenis item(1. ubat biji, 2. Ubat Cecair / Semi Solid Internal, 3. Ubat Cecair / Semi Solid Eksternal) dan boleh di tapis dalam carian.	20828818C (RMS:200001384 E)	KK Mid Layar	PhIS_CPS_Quick_Guide_2.5_INV_Prepacking_v1.0
28.	R210032	Report Enquiry - Manufacturing	PN Registry	To add new field/filtering for PN Registry Future Column and Filtering: 1. Dispensed Status: All, Ordered, Verify, Prepared, Dispensed, Partial Supply, Stop, Discontinue, Cancel, Hold (all stage)	I-PhIS039091118S (18477732C)	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_OPIP_REPORT_v1.0
29.	R210053	Pharmacy Inventory	CAPD	Contract 1. Add CAPD flag at the IWP contract HQ. 2. Add CAPD flag at facility purchase order	210005795E	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_INV_MGT_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				for user the filter the contract number that appear.			
30.	R210059	Pharmacy Inventory	Consumption	To have approval process for Consumption. Currently it only has confirmation process.	200001403E (20828139C)	Institut Kanser Negara	PhIS_CPS_Quick_Guide_2.5_INV_MGT_v1.0
31.	R210060	Pharmacy Inventory	Stock Adjustment	To filter by date range. (Created date) to standardize the location (date range on top)	200001257E (19740266C)	H. Lundu	PhIS_CPS_Quick_Guide_2.5_INV_PROCUREMENT_v1.0
32.	R210061	Pharmacy Inventory	RPL	Special Approved Drug to Appear in RPL Appear in RPL with special indicator/colour, but will not flow to PO if select RPL.	200002024E 19681979C	H. Langkawi PKD Petaling	PhIS_CPS_Quick_Guide_2.5_INV_MAINT_FACILITY_v1.0 PhIS_CPS_Quick_Guide_2.5_INV_MAINT_IWP_v1.0
33.	R210062	Pharmacy Inventory	eP GL	Enhance as below 1. In object master, allow multiple eP GL code to 1 object lanjut 2. At facility, set the default eP GL code to be used	200001469E (20830707C) 200001489E (20830391C) 200002226E	KK Bukit Goh (Felda)  PKD Timur Laut  PKD Timur Laut	PhIS_CPS_Quick_Guide_2.5_INV_MAINT_FACILITY_v1.0
34.	R210063	Pharmacy Inventory	Item Product Buffer Level	1) display link to view usage as per PO (level 1)	200001391E (20827001C)	KK Kalumpang	PhIS_CPS_Quick_Guide_2.5_INV_MGT_v1.0
35.	R210064	Pharmacy Inventory	Recalculate buffer level	1.function to recalculate min/max qty	200001305E (19821141C)	H. Orang Asli Gombak	PhIS_CPS_Quick_Guide_2.5_INV_MGT_v1.0
36.	R210065	Pharmacy Inventory	Receive from Supplier	1. Allow manual entry for date manufacturing date & expiry date (currently must select from calendar) 2. Remove second for Good Received Datetime 3. Allow to receive by SKU for other receiving type (not PO) 4. Rearrange location - LPO No. change supplier name	200002049E I-PhIS046895418S (18589365C) I-PhIS049965519S (19626176C) I-PhIS055285419S (19689493C)	KK Kalumpang KK Kalumpang  KK Bandar Tun Abdul Razak PPF, KKM	PhIS_CPS_Quick_Guide_2.5_INV_RECEIVE_FROM_SUPPLIER_v1.0
37.	R210066	Pharmacy Inventory	Request Order Authorization	1. add item group column/filter. 2. display both code and desc (as in PO) eP field affected:	200001377E (20827973C) 200002112E	PKD Seberang Perai Selatan	PhIS_CPS_Quick_Guide_2.5_INV_IWP_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				eP Project/eP Program eP GL account Ministry/department vote code		PKD Seberang Perai Selatan	
38.	R210067	Pharmacy Inventory	KEW.PS-3	1. To include al transaction as per item movement 2. To add count sheet transaction in kewps-3 3. label printer icon with KEWPS-3 4. To display value for Kumpulan & Pergerakan	200001281E (19790066C) 200001406E (20828617C) I-PhIS049261719S (19617663C) I-PhIS047767118S (18601400C) I-PhIS049218119S (19617173C) I-PhIS051245219S (19643155C) I-PhIS049843219S (19624653C)	PKD Johor Bahru H. Sik PPF, KKM H. Alor Gajah KK Parit Sulong H. Seberang Jaya H. Sik	PhIS_CPS_Quick_Guide_2.5_INV_RPT
39.	R210068	Pharmacy Inventory	KEW.PS-5	label printer icon with KEWPS-5 To display 'Jumlah Keseluruhan' in Excel format	I-PhIS049261819S (19617664C)	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_INV_RPT
40.	R210069	Pharmacy Inventory	KEW.PS-6	label printer icon with KEWPS-6	I-PhIS049262019S (19617666C)	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_INV_RPT
41.	R210070	Pharmacy Inventory	KEW.PS-14	1.label printer icon with KEWPS-14 2.Nilai Baki pada suku empat adalah sama dengan nilai bawa ke tahun seterusnya.	I-PhIS049262219S (19617668C) I-PhIS050689719S (19636041C)	PPF, KKM PK Cheras	PhIS_CPS_Quick_Guide_2.5_INV_RPT
42.	R210071	Pharmacy Inventory	ePO Status	1. Add filter financial year 2. Include all PO with all status but limited to FY	200000957E (19641934C) 200000424E (19639422C) 200000733E (19633136C) 200000128E (18597762C)	PKD Hilir Perak PKD Seberang Perai Tengah PFB Limbang PKD Timur Laut KK Bandar Miri	PhIS_CPS_Quick_Guide_2.5_INV_IWP_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
					I-PHIS021976418S (18234178C)		
43.	R210072	Pharmacy Inventory	Purchase Order Report	to add Delivery Lead Period Day column on purchase order report.	I-PHIS023736218S (18258654C)	PFB SibU	PHIS_CPS_Quick_Guide_2.5_INV_PROCUREMENT_v1.0
44.	R210073	Pharmacy Inventory	Budget Allocation/Deduct/Virement (Print Report)	<p>Budget Virement Report (From Vote and To Vote)</p> <p>1) Rename Previous Balance (RM) to Current Balance (RM)</p> <p>2. Rename Balance (RM) to New balance (RM)</p> <p>Budget Deduction Report</p> <p>1) Move position Current Balance (RM) to position number 3</p> <p>2) If display 1 record in report, Remove part of Total (RM)</p> <p>Budget Allocation Report</p> <p>1) Move position Current Balance (RM) to position number 5</p> <p>2) If display 1 record in report, Remove part of Total (RM)</p> <p>3) To standardized title Disediakan &amp; Diluluskan same like PO Report PEMOHON &amp; PELULUS/TIDAK DILULUSKAN</p>	I-PHIS049318019S (19618278C)	PPF, KKM	PHIS_CPS_Quick_Guide_2.5_INV_FINANCE_v1.0
45.	R210074	Pharmacy Inventory	IWP - Budget Balance Report	Add field to filter vote code status either active or inactive in Budget Balance IWP screen. Instead of searching vote code by clinics, it is new filter method to filter the status of vote code. Searching for vote code will become easier this way.	I-PHIS023605518S (18256973C)	PKD Seremban	PHIS_CPS_Quick_Guide_2.5_INV_IWP_v1.0
46.	R210075	Pharmacy Inventory	Bad Data	Data Management Report. To add sub total by item (group	200002086E	H. Rehabilitasi Cheras	PHIS_CPS_Quick_Guide_2.5_INV_RPT



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
47.	R210076	Pharmacy Inventory	Average Issue By Month	To check back on calculation 1. Dicapangkan bila dijana nilai yang diambil adalah nilai bulan terakhir. a. Contoh sekiranya laporan dijana pada hari ni, nilai yang dilaporkan adalah dari akhir bulan oktober 2. Average issue qty / month adalah dalam nilai sku bukan RM a. Mohon semak sama ada formula bulan yang dibahagikan adalah dari bulan yang laporan dijana atau ambil 12 bulan secara am walaupun laporan dijana pada bulan november?	I-PhIS046847418S (18588835C)	KK Greentown	PhIS_CPS_Quick_Guide_2.5_INV_RPT
48.	R210077	Pharmacy Inventory	Pending List Report	1. add filter by state 2. facility name is not mandatory	200001311E (19801257C)	CFLN Sabah	PhIS_CPS_Quick_Guide_2.5_INV_RPT
49.	R210078	Pharmacy Inventory	All KEW.PS	To display remarks in all KEW.PS. Remarks will be displayed after the signature section on the last page.  Apply to: KEW.PS-7 KEW.PS-17	200001494E (20836458C) 200001410E (20827288C) 200001217E (19800666C) 200001374E (20828680C) 200001320E (19802169C) 200001209E (19798828C) 200001451E (20832606C) 200001316E (19800414C) 200001283E (19796465C) 200001370E	CFLN Sabah H. Pasir Mas H. Pulau Pinang H. Taiping PFB Sibul H. Teluk Intan PKD Gua Musang CFLN Sarawak H. Sultan Ismail KK Kabong	PhIS_CPS_Quick_Guide_2.5_INV_MGT_v1.0 PhIS_CPS_Quick_Guide_2.5_INV_RECEIVE_FROM_SUPPLIER_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
					(19811982C) 200004091E	PPF, KKM	
50.	R210082	Pharmacy Inventory	Budget & PO Carry forward to Next year	<p>1. Add flag to the vote code master screen to allow user to choose which vote code will be carry forward the balance to the next year.</p> <p>2. At year end process (YEP) budget movement will show the transaction amount transfer from current year to next year.</p> <p>3. For payment screen when user select the LPO number to make the payment the vote code which appear should deduct the liability from the current budget movement of next year.</p> <p>4. At the Opening balance at budget movement remove the utilized amount column.</p> <p>AP58 Payment</p> <p>1. Allow user to carry forward purchase order to next year by creating new purchase order carry forward screen.</p> <p>2. To show the list of purchase order which will be carry forward at YEP screen.</p> <p>3. Update budget movement for the current vote code according to LPO No which have been carry forward after YEP have been run.</p> <p>4. After YEP have been run user will be allowed to select new vote code or keep the current vote code for LPO No which have been carry forward.</p> <p>5. Once user has updated the vote code for the LPO No which have been carry</p>	210005210E	PPF, KKM	<p>PhIS_CPS_Quick_Guide_2.5_INV_PROCUREMENT_v1.0\</p> <p>PhIS_CPS_Quick_Guide_2.5_INV_MAINT_FACILIT Y_v1.0</p> <p>PhIS_CPS_Quick_Guide_2.5_INV_MAINT_IWP_v1.0</p>

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				forward at budget movement, system need to update according to the vote code selected by user.			
51.	R210013	Adverse Drug Reaction (ADR)	ADR Reporting	<ol style="list-style-type: none"> <li>To add button (indicator) to differentiate between ADR or AEFI</li> <li>To add search filter and column for AEFI at report 'ADR report listing'</li> </ol>	19655033C 19820900C	Hospital Queen Elizabeth Hospital Queen Elizabeth	PhIS_CPS_Quick_Guide_2.5_ADR_Reporting_1.0
52.	R210014	Adverse Drug Reaction (ADR)	ADR Reporting	<p>Patient Banner (ADR Hyperlink) Request ADR hyperlink changed into red once status change to verified - affected to all ADR hyperlink at patient banner</p> <p>ADR Reporting Screen</p> <ol style="list-style-type: none"> <li>Reaction Subsided after stopping drug or Reducing Dose: Yes/No/Unknown in the current setting. However, the new form has N/A (drug continued)</li> <li>Reaction reappeared after reintroducing drug: Yes/No/Unknown in the current setting. However, the new form has N/A (not reintroduced)."</li> <li>To display both data (if selected) in ADR report printing</li> </ol> <p>Cancel Remarks</p> <ol style="list-style-type: none"> <li>To add 'Remarks/Note' when cancelled ADR record</li> <li>To display the 'Remarks'</li> </ol>	19694021C 18564676C 200001360E (19820909C)	PPF H. Kuala Kubu Bharu H. Queen Elizabeth	PhIS_CPS_Quick_Guide_2.5_ADR_Reporting_1.0
53.	R210027	Adverse Drug Reaction (ADR)	Patient Allergy Profile- Request to add column for Status Of Allergy Card and	<p>Allergy Screen</p> <p>To add 'Status of Allergy Card' and 'DAC serial No' at Allergy screen, If Allergen Type = Drug, with mandatory</p> <p>DAC Screen</p>	200002230E	PPF, KKM	PhIS_CPS_Quick_Guide_2.5_ADR_Reporting_1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
			DAC Serial Number	To select auto 'Print' if Status of Allergy card is 'Issued'			
54.	R210015	Drug Information & Consumer Education	Drug Information	1) Search similar enquiry at Drug Info Listing screen to capture question and answer from the selected Question and Answer 2) To add row for 'Source of Information' at Search Similar Enquiry details screen 3) All changes shall apply to Drug Information screen at IWP also	I-PhIS049314819S (19618225C) 200001181E (19767263C)	PPF, KKM H. Tengku Ampuan Afzan	PhIS_CPS_Quick_Guide_2.5_Drug_Information_1.0
55.	R210018	Drug Information & Consumer Education	Drug Information	Drug Information Listing Screen To relocate designation filter search below enquirer filter search  Drug Information Screen 1) Question is 'Relevant' and 'Irrelevant' – To be defaulted to 'Relevant' 2) To increase word limit to 500 words for Others & Remarks 3) To add 'Department' field at Enquiry received By field - To add this requester department (Enquiry From) at both Enquiry Registry & Enquiry Analysis report All changes shall apply to Drug Information screen at IWP	I-PhIS049313919S (19618204C) 200002288E 200001180E (19767250C)	PPF, KKM H. Bukit Mertajam H. Tengku Ampuan Afzan	PhIS_CPS_Quick_Guide_2.5_Drug_Information_1.0
56.	R210019	Medication Counselling	Medication Counselling Order	1) Medication Counselling Order - discipline to be defaulted to General medicine. 2) Medication Counselling Order - Topic - To add Stroke (add under disease)  These changes shall apply to: i. Medication Counselling Individual Order	200001286E (19755667C) 200001353E (19820374C) 200001164E (19721774C)	H. Pontian H. Seberang jaya KK Durian Tunggal	PhIS_CPS_Quick_Guide_2.5_Medication_Counseling_1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				ii. Medication Counselling Group Order iii. Medication Counselling Order			
57.	R210026	Medication Counselling	TELECOUNSELING in Counseling Location	Medication Counselling & MTAC 1) To add radio button for virtual counselling session with selection of Yes or No 2) To add search filter for virtual counselling session with drop down value: - All - Yes - No  These changes shall apply to: i. Medication Counselling Individual Order ii. Medication Counselling Group Order iii. Medication Counselling Individual Order iv. Medication Counselling Group Order v. MTAC Order vi. Report enquiry & BI Tools	200002422E	H. Umum Sarawak	PHIS_CPS_Quick_Guide_2.5_Virtual_Session_1.0
58.	R210033	MTAC	MTAC Reporting	MTAC specific details- Renal transplant - To add 'Others' at the drop down field with free text (500 character) - To add free text field for "Drug knowledge assessment note" with maximum 2000 characters  CKD - To add free text field for "Drug knowledge assessment note" with maximum 2000 characters  Dialysis - To add free text field for "Drug	200001045E (19707977C)	H. Kuala Lumpur	PHIS_CPS_Quick_Guide_2.5_MTAC_1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				knowledge assessment note" with maximum 2000 characters			
59.	R210034	Ward Pharmacy	CP1	<p>CP1 Screen</p> <p>1) Add section title + Other Medication (Including Non - Prescription Medication) - Header table change to Other Medication</p> <p>CP1 Report printing</p> <p>1) To add header for 'Other Medication'</p> <p>2) To rename 'Non-Prescription Medication' to 'Other Medication (Includes Herbal/Vitamin/Other Supplements)</p> <p>3) For ADR history, to display only suspected drug in CP1 report.</p>	<p>200001213E (19807666C)</p> <p>200001214E (19807688C)</p>	<p>H. Batu Gajah</p> <p>H. Batu Gajah</p>	PhIS_CPS_Quick_Guide_2.5_CP1_1.0
60.	R210035	Clinical Pharmacokinetic Services (CPS) & TDM	TDM	<p>TDM Order</p> <p>To allow select suggested sampling date/time for Random sample</p> <p>TDM Verification</p> <p>To allow cancel 1 sample only instead of the whole order</p> <p>TDM Sample Management</p> <p>1. To allow reject 1 sample only instead of the whole order</p> <p>2. To add column to type for reject reason</p> <p>TDM Reporting</p> <p>1. To rename the Top save button to 'Save Report', and maintain the bottom save button</p> <p>2. To rephrase "transcribed by" to 'order by'</p>	<p>18551081C</p> <p>200003731E</p> <p>18569442C</p> <p>19644693C</p> <p>200001122E</p> <p>200001147E</p> <p>200001422E</p>	<p>H. Taiping</p> <p>PPF, KKM</p> <p>H. Kota Tinggi</p> <p>H. Raja Permaisuri Bainun</p> <p>H. Sultanah Aminah</p> <p>H. Sultanah Aminah</p> <p>H. Taiping</p>	PhIS_CPS_Quick_Guide_2.5_TDM_1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				External TDM Resulting Request add date & time of sampling (To capture data from Sample Management Screen)			
61.	R210036	Report Enquiry - Clinical	DAC Registry - Request to put person incharge name into report	DAC Registry : To add column to display name of requestor Allergic Reaction into report	18233520C	H. Sultanah Aminah	PHIS_CPS_Quick_Guide_2.5_Drug_Allergy_1.0
62.	R210037	Report Enquiry - Clinical	Enquiry Analysis : Request to Enhance Report	Enquiry Analysis : To add 'Department'	200000110E	H. Pulau Pinang	PHIS_CPS_Quick_Guide_2.5_Drug_Information_1.0
63.	R210038	Report Enquiry - Clinical	Medication Counselling Registry	Medication Counselling Registry : 1) To add column counselling No. & IC patient 2) To add option searching by Topic, can be separate by Subtopic. Example : For Topic Disease can be enhance to Disease - Asthma; Disease - Diabetes. 3) To add Appointment date & ID patient 4) To add ID patient 5) To add total number of session by Group counselling 6) To add column for 'Counselling Type'	I-PHIS015422216S 17168869C 17215137C 18231334C 18366994C 18392313C 18386235C 200001418E (20822097C)	KK Bandar Seri Putra H. Pontian KK Kuala Dungun KK Sungai Besar KK Paka KK Arau KK Greentown H. Tengku Ampuan Afzan	PHIS_CPS_Quick_Guide_2.5_Medication_Counseling_1.0
64.	R210084	Report Enquiry - Pharmacy	Drug Supply Registry	Auto calculate for cost in Drug Supply Registry entry screen. to calculate based on dispensed price	I-PHIS022029818S (18235581C)	H. Kuala Lumpur	PHIS_CPS_Quick_Guide_2.5_DataEntry_Drug_Supply_v1.0
65.	R210004	Order Management Mobile	Dosage Schedule for interval frequency	To enable Dosage Schedule button for interval frequency with Schedule type =YES only.	20004295D	PPF, KKM	PHIS_CPS_Quick_Guide_2.5_OM_Mobile_1.0



### 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	PatchScripts_PhIS_V2.5.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/scripts
2	Facility Application	iphis_v2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war
3	Facility Application	PhISService_v.2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war
4	Facility Application	PhISSchedulers_v.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar
5	Facility Application	phis_Email_v2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar
6	Facility Application	phis_Cd_V2.5.1.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar
7	Facility Application	phis_MyMaat_v2.5.1.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar
9	Mobile Application	iphismobile_user_v2.5.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war
10	Mobile Application	phisAPI_v2.5.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war
11	Mobile Application	lpadhosp-2.5.0b05.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/Mobile
12	HQ Script	PatchScripts2.5_IWP.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/scripts
13	HQ Application	phishq_v2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/war



No.	Items	Components	Path
14	HQ Application	masterRelease_v2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/jar
15	HQ Application	epservice_V2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/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	PatchScripts_PhIS_V2.5.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/scripts	lease 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 Application	iphis_v2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.



Step	Items	File Name	Source Path	Action
				Then Restart crontab.
5	Facility Application	phis_Email_v2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.5.1.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.5.1.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phisIntegration.properties	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/jar	/home/phisb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.5.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war	Rename iphismobile_user_v2.0.4.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.5.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/facility/war	Rename phisAPI_v2.5.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.5.0b05.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/Mobile	Rename ipadhosp-2.5.0b05.war to ipadhosp.war and deploy. - Mobile Frontend: 2.5.0r10 - Mobile Backend: 2.5.0b05

### 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	PatchScripts2.5_IWP.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/scripts	Please ensure all the script is execute before phishq.war deploy. Please ensure the script is executed in sequence.
2	HQ Application	phishq_v2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/war	Rename the war file from phishq_v2.5.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/jar	Rename the jar file from masterRelease_v2.5.jar to masterRelease.jar and copy to directoty '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.5/iwp/war	Rename the war file from epservice_V2.5.war to epservice.war then Deploy.