



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

---

## Release Note

## For version 2.6

<p><b>Version</b> : 1.0 <b>Document ID</b> : PhIS_CPS/ReleaseNote/Refinement/01092022</p>
---



© 2011-2022 Pharmaniaga Logistics Sdn Bhd (PLSB)

**CONFIDENTIAL COPYRIGHTED MATERIAL** – *The information includes all concepts, comments, recommendations, and material, contained herein shall remain the property of Pharmaniaga Logistics Sdn Bhd (PLSB). No portion of this document shall be disclosed, duplicated or used in whole or in part of any purpose other than the purpose of the Pharmacy Information System & Clinic Pharmacy System (PhIS& CPS) Project execution only.*



## Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	01/09/2022	Mohd Hilmi	Zainura Said	First Version

### Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Zainura Said	Team Leader	Pharmaniaga Logistics Sdn Bhd	
Hoh Choon Seng	Project Manager	Pharmaniaga Logistics Sdn Bhd	

Name	Role/Designation	Organization	Signature & Date
		Program Perkhidmatan Farmasi (PPF), KKM	
		Bahagian Pengurusan Maklumat (BPM), KKM	

### Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
1.0	Juridah (QA)	Initial document



**TABLE OF CONTENT**

**1 INTRODUCTION ..... 1**

    1.1 PROJECT INFORMATION ..... 1

    1.2 OBJECTIVES ..... 1

**2 PURPOSE ..... 2**

**3 SUMMARY – REFINEMENT AND DEFECT LIST ..... 3**

    3.1 REFINEMENT LIST ..... 3

    3.2 RESOLVED DEFECT LIST ..... 18

**4 REFINEMENT LIST – DETAIL CHANGES ..... 19**

**5 DEPLOYMENT - PROCEDURES ..... 20**

    5.1 LIST OF ITEMS TO BE DEPLOYED ..... 20

    5.2 BACKUP PROCEDURE BEFORE DEPLOY ..... 21

        5.2.1 *Backup Procedure* ..... 21

    5.3 DEPLOYMENT/INSTALLATION GUIDELINES ..... 21

        5.3.1 *Deployment at Facility* ..... 21

        5.3.2 *Deployment at HQ - IWP* ..... 23



## 1 Introduction

### 1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.6
Client Name	:	Ministry of Health
Release ID	:	RL22/011
Release Date	:	01/09/2022

### 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 v2.6:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R220021	Clinical Pharmacokinetic Services (CPS) & TDM	TDM Verification	To remove step/button edit after acknowledge	210004422E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_Cln_TDM_1.0
2.	R220022	Clinical Pharmacokinetic Services (CPS) & TDM	TDM External	To allow user to enter symbol < or > in External TDM Resulting, for TDM outsource result.	200004005E	Hospital Raja Permaisuri Bainun, Ipoh	PhIS_CPS_Quick_Guide_2.6_Cln_TDM_1.0
3.	R220023	Clinical Pharmacokinetic Services (CPS) & TDM	TDM Sample Management	<ol style="list-style-type: none"> <li>To have space inside word 'Cancel Outsource'</li> <li>"Process Type" to be defaulted according to the "TDM lab based"</li> <li>'Drug administration date/time" to be automatic appear in "post sample"' after key in in "pre sample" in sampling details</li> <li>"Actual admin date/time" to be automatic appear in "post sample" after key in in "pre sample" in sample management</li> </ol>	210004423E 210006000E 210006349E	Program Perkhidmatan Farmasi, KKM Hospital Sultanah Aminah, Johor Bahru Hospital Pulau Pinang	PhIS_CPS_Quick_Guide_2.6_Cln_TDM_1.0
4.	R220024	Clinical Pharmacokinetic Services (CPS) &	TDM Order	1. To display sampling time (After/Before) after adding sample, to display in column 'Sampling Time'	210004420E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_TDM_1.0</li> <li>PhIS_CPS_Quick_Guide_</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
		TDM		<ol style="list-style-type: none"> <li>System to allow user to made TDM order for future date.</li> <li>"Drug administration date/time" to be automatic appear in "post sample" after key in in "pre sample" in sampling details</li> </ol>	<p>210004421E</p> <p>210007081E</p>	<p>Farmasi, KKM</p> <p>Hospital Raja Permaisuri Bainun, Ipoh</p>	<p>2.6_OM_Mobile_v1.0</p>
5.	R220031	Medication Counselling	DFIT (MC & MTAC)	To add radio button select 'All' in DFIT header to allow tick all Yes/ No items in the column	<p>210005980E</p> <p>200003630E</p> <p>200002719E</p>	<p>Hospital Seberang Jaya</p> <p>Hospital Sibu</p> <p>Hospital Kuala Kangsar</p>	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_Medication_Counselling_1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_Cln_MC_Mobile_1.0</li> </ul>
6.	R220032	Medication Counselling	Counselling Sub-Topic	<p>Report/Enquiry - Medication Counselling Registry</p> <ol style="list-style-type: none"> <li>To add new filter Counselling Other Subtopic in the Medication Counselling Registry.</li> </ol> <p>Medication Counselling Order</p> <ol style="list-style-type: none"> <li>To rename the subtopic - Others, please state in Remarks to Others, please state in Others Subtopic.</li> <li>To add one field Other Subtopic, if subtopic select Others the field only will appear.</li> <li>To add Other Subtopic column.</li> </ol> <p>Medication Counselling Reporting</p> <ol style="list-style-type: none"> <li>To add Other Subtopic column.</li> </ol>	<p>210006787E</p>	<p>Hospital Kuala Lumpur</p>	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_Medication_Counselling_1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_Cln_MC_Mobile_1.0</li> </ul>
7.	R220033	Medication Counselling	Medication Counselling	<p>Allergy History</p> <p>To add radio button "No known allergy"</p>	<p>200003698E</p>	<p>Hospital Rehabilitasi Cheras</p>	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_Medication_Cou</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
			Reporting	and "Need to be assessed" at Allergy History, by default "Need to be assessed" MC Report Printing To add in "no known drug allergies" or "need to be assessed" in allergy section instead of blank space in medication counselling report			nselling_1.0 <ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_MC_Mobile_1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_Patient_Allergy_v1.0</li> </ul>
8.	R220034	Medication Counselling	Counselling PCI	Medication Counselling To add PCI tab in the Medication Counselling	200001559E	Hospital Bahagia Ulu Kinta	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_Medication_Counselling_1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_Cln_MC_Mobile_1.0</li> </ul>
9.	R220071	Medication Counselling	Medication Counselling Order	Counselling History To appear previous counselling details when click counselling history record  MTAC History To appear previous MTAC details when click MTAC history record	200000210E	KK Kalumpang	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Cln_Medication_Counselling_1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_Cln_MC_Mobile_1.0</li> </ul>
10.	R220019	MTAC	Pharmacist Note	To add a column of pharmacist plan beside the pharmacist note to view side by side	200003657E	Hospital Sibu	PhIS_CPS_Quick_Guide_2.6_Cln_MTAC_1.0
11.	R220020	MTAC	MTAC Reporting	MTAC Reporting Screen 1. To add Defaulted checkbox in MTAC Order Screen and MTAC Reporting Screen 2. To add search filter for 'MTAC Status' at MTAC reporting listing 3. To rename the MTAC Consultation Status to MTAC Status	200003272E 200004297E 210005212E 210005213E 210006704E	Hospital Raja Permaisuri Bainun, Ipoh Hospital Kajang Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM Program Perkhidmatan	PhIS_CPS_Quick_Guide_2.6_Cln_MTAC_1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				4. To rename from Cardiac Rehab Program to Cardiac Rehabilitation MTAC (CR-MTAC) 5. MTAC Reporting Screen – Alignment MTAC Specific Details 1. Pain MTM > Request to add specific details for Chronic Pain MTAC (Pain MTM) 2. RVD > Mode of transmission, to add options: Mother-to-child		Farmasi, KKM	
12.	R220035	Ward Pharmacy	CP2 and Diagnosis	Ward Pharmacy 1. Co-Mobidity to change to 'Add Diagnosis' 2. To display 'Follow Up' intervention in CP2 Report Printing 3. Request Daycare and PAC visit CP2 to retain in the list for 5 days, same as Inpatient visit	200001369E 210004416E 210005928E	Hospital Umum Sarawak Program Perkhidmatan Farmasi, KKM Hospital Tengku Ampuan Afzan, Kuantan	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_Cln_Ward_Pharmacy_1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_Cln_WP_Mobile_1.0</li> </ul>
13.	R220037	Ward Pharmacy	CP1	CP1 1. To allow user to enter max 2000 character for Pharmacist Note field. Ward Pharmacy (Daily Review) 1. To allow user to enter max 2000 character for Daily Review field.	200003943E	Hospital Sibu	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_Cln_Ward_Pharmacy_1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_Cln_WP_Mobile_1.0</li> </ul>
14.	R220003	Adverse Drug Reaction (ADR)	Allergy	1. To add new free text field DAC Universal Serial No (number must be unique by patient) 2. To set the character limitations based	210005308E	Hospital Rembau	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_Patient_Allergy_1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_OM_Mobile_v1.0</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				<p>on format exp: DAC-XX-XXXXXXXX-XXXXXXXX</p> <ol style="list-style-type: none"> <li>If user does not fill in DAC Universal Serial No, when click the Active Ingredient radio button, the Status of Allergy Card field will show as empty</li> <li>if user fill in DAC Universal Serial No, when click the Active Ingredient radio button, the Status of Allergy Card field will auto show as Not Issued (user able to change the status)</li> <li>To add DAC Universal Serial No tool tips (pending format)</li> <li>Change the location DAC Universal Serial No, DAC Serial No and Status of Allergy Card</li> <li>To rename Status to Allergy Status</li> <li>Print Allergy Card - To auto display the Serial No on allergy card as DAC Universal Serial No if got the Universal No. if not auto display DAC Serial No</li> </ol>			
15.	R220004	Report/Enquiry	Enquiry Registry	<p>Report/Enquiry - Enquiry Registry</p> <ol style="list-style-type: none"> <li>To add filter and column for Enquiry Status</li> <li>To add rule filter by Status = Verified + Responded</li> </ol>	200000251E	KK Kalumpang	PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0
16.	R220005	Report/Enquiry	PF 7	To change Filter to Month Range Filter (From Month To Month)	200002170E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_Cln_PF_Report_1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
17.	R220026	Report/Enquiry	QAP2-1	Report/Enquiry - QAP2 (Percentage) To rename the report and change the formula	200001711E	Program Perkhidmatan Farmasi, KKM	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0</li> <li>• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0</li> </ul>
18.	R220027	Report/Enquiry	QAP2-2	Report/Enquiry - QAP2 To rename the report and change the formula	200001712E	Program Perkhidmatan Farmasi, KKM	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0</li> <li>• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0</li> </ul>
19.	R220028	Report/Enquiry	PF5.5(a) & PF6.2	PF5.5(a) & PF6.2 To add search filter by month range	200003077E	Hospital Kajang	PhIS_CPS_Quick_Guide_2.6_Cln_PF_Report_1.0
20.	R220038	Report/Enquiry	Ward Pharmacy Registry	Clinical Report - Ward Pharmacy Registry & Clinical Pharmacy Registry 1. To add summary when export Ward Pharmacy Registry to excel 2. To add filter and column for Created By in Clinical Pharmacy Registry	210005641E	Hospital Bukit Mertajam	PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0
21.	R220052	Special Drug Request	SAM - Approval	Special Approve Medicine Approval Enhancement 1. To rearrange button position and apply colors to buttons 2. To enable fields 'Approved Quantity' and 'Approved Cost' for amendment after Secretariat click on 'Complete Application' button. 3. To allow amendment on Registration Status with 'Pihak Berkuasa Kawalan Dadah' details	210004413E 210005817E 210005818E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_SAM_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
22.	R220053	Special Drug Request	Print Permit	<ol style="list-style-type: none"> <li>Enhancement on Print Permit</li> <li>To add signature of Pegawai Penyokong and Pegawai Pelulus in Permit report and KPK report.</li> </ol>	210004405E 210004406E 210004408E 210007131E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_SAM_v1.0
23.	R220054	Special Drug Request	Print Form	<ol style="list-style-type: none"> <li>To display the name of applicant in KPK report for application by batch.</li> <li>To add print function/ PDF copy when status is "Not Recommended by KPF"</li> <li>To increase size of column for Ulasan Secretariat</li> <li>To ensure that Indikasi and Nama Pesakit column in report reflects input filled.</li> </ol>	210005780E 210006513E 210006686E 210006483E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM Hospital Pakar Sultanah Fatimah, Muar	PhIS_CPS_Quick_Guide_2.6_SAM_v1.0
24.	R220055	Special Drug Request	Complete Registration Report	To add additional information into Complete Registration Report	210006512E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_SAM_v1.0
25.	R220039	Patient Management	Pensioner Type & G6PD	<ol style="list-style-type: none"> <li>Add new dataset for Pensioner drop down and add code format (pending format) in the beginning of the values.</li> <li>To rename 'G6PD' to 'G6PD Deficiency'</li> </ol>	210006516E 210006741E	Hospital Machang Hospital Pakar Sultanah Fatimah, Muar	
26.	R220047	Patient Management	Patient Tag	To add remarks/notes in patient banner <ol style="list-style-type: none"> <li>To add remarks icon in patient banner which allows user to enter remarks</li> </ol>	200001176E 200001289E 200004071E	Hospital Permai Tampoi KK Jementah KK Ampang	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_PM_v1.0</li> <li>PhIS_CPS_Quick_Guide_</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				and view remarks history. Changes applies to both web and mobile.	200003695E 200001953E	Hospital Raub KK Taman Intan	2.6_OM_Mobile_v1.0
27.	R220070	Patient Management	Patient Allergy	Patient Allergy Enhancement 1. To make patient allergy mandatory to declare for newly registered patient. 2. To display the number of allergies in patient banner.	200001280E	Hospital Temenggong Seri Maharaja Tun Ibrahim	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_Patient_Allergy_1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_OM_Mobile_v1.0</li> </ul>
28.	R220040	Order Management - Web	MFlex	1. To appear 'Facility (External)' field when 'Mflex In' checkbox is ticked in Visit Management screen. Field will mandatory 2. Check on placement of Mflex In checkbox at Record Prescription screen. Suppose should be always near to Visit Type field (NO charge pls, cosmetic issue)	210004454E 210004455E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_OM_v1.0
29.	R220041	Order Management - Mobile	Order Management Mobile- POMs	To change 'Own Medication' to 'Patient Own Medication' in Medication Order for Mobile (iPad).	210004452E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_OM_v1.0
30.	R220048	Order Management - Web	Dosage Schedule	To enable Dose Schedule for frequency with 'Hemodialysis day' and 'Non Hemodialysis day' by enabling for split dose.	200003644E 200004095E 200004096E	Hospital Sibu Hospital Banting Hospital Banting	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_OM_v1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_OM_Mobile_v1.0</li> </ul>
31.	R220051	Order Management - Web	Renew Quota Drug	To exclude patient visit = SPUB and Walk-in when check for patient in Quota list during renew Quota Drug.	I- PHIS0671092 20S	Hospital Pakar Sultanah Fatimah	<ul style="list-style-type: none"> <li>PhIS_CPS_Quick_Guide_2.6_OPIP_Quota Drug_v1.0</li> <li>PhIS_CPS_Quick_Guide_2.6_OM_Mobile_v1.0</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
32.	R220068	Order Management - Web	Patient Visit Alert	To remove pop up message. This patient has active inpatient/ emergency visit	200001466E	Hospital Tengku Ampuan Afzan, Kuantan	PhIS_CPS_Quick_Guide_2.6_OM_v1.0
33.	R220042	Outpatient Pharmacy	Re-dispensing	To change drug label printed date to follow re-dispensing date.	210004443E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_OPIP_v1.0
34.	R220043	Outpatient Pharmacy	Quota Drug	<p>Enhancement on Quota Drug List</p> <ol style="list-style-type: none"> <li>1. Changes in Quota Drug list:               <ol style="list-style-type: none"> <li>a) Add new field in Quota Drug list to add quota limit and count for current total patient.</li> <li>b) Add in new tab for Internal and External patient</li> <li>c) Add in new 'Patient Type' column in patient list.</li> </ol> </li> <li>2. To allow transcription of Quota drug list item for SPUB and Walk-in visit type patient.</li> </ol>	200003273E 210005436E 210005551E 200002856E	Hospital Raub Hospital Tangkak Ledang Hospital Segamat Hospital Kuala Kangsar	PhIS_CPS_Quick_Guide_2.6_OPIP_Quota_Drug_v1.0
35.	R220056	Outpatient Pharmacy	POMs	To enable system allow user to dispense as POMS and normal drug on same cycle of dispensin	210007076E 210006615E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_OPIP_v1.0
36.	R220061	Outpatient Pharmacy	Outpatient Dispensing	Select all checkbox for "Not to Dispensed" checkbox	210006471E	Hospital Raja Permaisuri Bainun, Ipoh	PhIS_CPS_Quick_Guide_2.6_OPIP_v1.0
37.	R220062	Outpatient Pharmacy	Methadone Dispensing	<ol style="list-style-type: none"> <li>1. Update reserve quantity wrongly calculate</li> <li>2. Dispense Methadone in decimal</li> <li>3. Methadone from TPC to directly flow to Methadone dispensing in PhIs.</li> </ol>	200000325E 200000771E 200000912E 200000975E	KK Mantin Hospital Raja Perempuan Zainab II, Kota Bharu Hospital Raja Perempuan Zainab II, Kota Bharu Hospital Raja Permaisuri	PhIS_CPS_Quick_Guide_2.6_OPIP_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
						Bainun, IpohVAS - UMP	
38.	R220069	Outpatient Pharmacy	Value Added Service - UMP	1. To change 'UMP Postage Weight' values in UMP Information.	200002721E	Hospital Kuala Kangsar	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_OPIP_v1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0</li> <li>• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0</li> </ul>
39.	R220044	Report/Enquiry	Drug Usage by Patient Report	1. To show original order location in Drug Usage by patient and Drug Utilization Report.	210005315E	Hospital Queen Elizabeth II, Kota Kinabalu	PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0
40.	R220057	Report/Enquiry	Prescription Dispensed Report	1. Allow filter by time (to original format). 2. Allow to generate at any time (not by summary on 1st and 7th of the month)	210006697E 210006698E	Hospital Raja Perempuan Zainab II, Kota Bharu Hospital Raja Perempuan Zainab II, Kota Bharu	PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0
41.	R220058	Report/Enquiry	Outpatient Prescription Management Report	To include prescription dispensed using BCP entry Apps into report prescription management.	200003663E	Hospital Kota Tinggi	PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0
42.	R220064	Report/Enquiry	PF 5.2	Report PF 5.2 (SPUB Activity) 1. To add in column for SPUB Yang Dirujuk Keluar (SPUB Out) information for both report enquiry and BI Dashboard. Refer to report specification for more details. 2. Table Summary also need to change to follow latest design of this report. 3. Improvement – Add new column	200000919E	Hospital Raja Perempuan Zainab II, Kota Bharu	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0</li> <li>• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				under number of prescriptions referred out.			
43.	R220049	Manufacturing - IV	IV Dispensing	<p>Manufacturing IV Dispensing</p> <p>1. To allow inotrope order to flow to dispensing process.</p> <p>PF 6.1</p> <p>1. To include IV Inotrope order type in count for 'No of Prescription Received' Office Hour and After Office Hour.</p> <p>Inpatient Prescription</p> <p>1. To include IV Inotrope order type in count for 'No of Prescription Generated', 'Average Prescription, Generated Per Day'.</p> <p>PF 6.3(b)</p> <p>1. To include IV Inotrope order type in count for 'Total Prescription Received'.</p>	<p>210004354E</p> <p>210006985E</p>	<p>Program Perkhidmatan Farmasi, KKM</p> <p>Hospital Raja Permaisuri Bainun, Ipoh</p>	<p>PhIS_CPS_Quick_Guide_2.6_MANF_IV_v1.0</p>
44.	R220050	Manufacturing - PN	PN Reports	<p>PN Print Label</p> <p>1. To generate number of labels according to number of bags prepared.</p> <p>PN Compounded Summary and PN Registry</p> <p>1. To change reports format and standardize filter date across all report.</p>	<p>200000712E</p> <p>200000713E</p> <p>210007250E</p>	<p>Program Perkhidmatan Farmasi, KKM</p> <p>Program Perkhidmatan Farmasi, KKM</p> <p>Program Perkhidmatan Farmasi, KKM</p>	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_MANF_PN_v1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0</li> </ul>



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				PN Statistics 1. To correct count for 'Commercial Bag (Dispensed)' Adult and Paeds. 2. To reset the specification of 'Bil Kes' for paediatrics and adults in PN Statistics.			
45.	R220067	Manufacturing - PN	PN Outsource	1. To add outsource function for PN commercial with additive 2. To display status as 'Outsource' in PN listing page if user sent for outsource and received result from the referred facility 3. To count PN Outsource data in PN Statistic and PF 6.5	200002891E 200001336E 200000928E 200004329E 200003562E	Hospital Tanah Merah Hospital Tanah Merah Hospital Tanah Merah Hospital Segamat Hospital Raja Perempuan Zainab II, Kota Bharu	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_MANF_PN_v1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0</li> <li>• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0</li> </ul>
46.	R220063	Manufacturing - CDR	CDR Dispensing	Request to count CDR preparations based on number of preparations in the worksheet. a) Count CDR preparation based on preparation and not by items b) Add in new column called "No. of Preparation" to capture number of preparation by syringe (free text field) - impact to report PF 6.4	210007193E	Program Perkhidmatan Farmasi, KKM	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_MANF_CDR_v1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0</li> <li>• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0</li> </ul>
47.	R220006	Pharmacy Inventory	RIQ	1. Auto allocate in SKU or PKU when user change the SKU selection. 2. To link Minimum Issue Quantity function in the Product Buffer Level with Recommended Issue Quantity	210005845E 210005973E 210006006E 210005809E 210006565E	Hospital Ranau KK Bandar Gua Musang Hospital Pulau Pinang Hospital Kuala Lumpur Cawangan Farmasi Logistik Negeri Sabah	PhIS_CPS_Quick_Guide_2.6_INV_Distribution_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
48.	R220007	Pharmacy Inventory	YEP screen at KK facility	1. YEP screen with same info display for PO and budget carry forward before and after YEP has been run.	210007065E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_INV_PKD_YEP_Screen_v1.0
49.	R220009	Pharmacy Inventory	Receive Intra Facility	1. Add indent no searching field and indent no column at listing page	210004512E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_INV_Receive_Item_v1.0
50.	R220010	Pharmacy Inventory	KEW.PS-7	1. Display manual indent no for offline issue 2. To display 'Alamat' for pemesan 3. To remove 'Pharmacy' label in 'Nama dan Alamat' for both pemesan and pengeluar. "	200000708E 210004459E 200001444E	Program Perkhidmatan Farmasi, KKM Program Perkhidmatan Farmasi, KKM KK Pasir Gudang	PhIS_CPS_Quick_Guide_2.6_INV_Distribution_v1.0
51.	R220011	Pharmacy Inventory	Approved Special Drug	1. Improve screen flow at approved special drug 2. Rename to 'Approved Special Medicine' 3. Display Drug Code and Drug Name only 4. Replace 'Approval Process' with 'Acknowledged' 5. Display 'Purchase Order History' at existing Approve Special Medicine record	210004504E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_INV_Procurement_v1.0
52.	R220012	Pharmacy Inventory	Condemn	1. In RCL, add new columns – Last received date, Keeping Duration (days)	210004518E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_INV_RCL_v1.0
53.	R220013	Pharmacy Inventory	Product Recall	1. Allow all drugs/non-drugs to be shown in Drug/Non-Drug Name	210006162E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_INV_IWP_v1.0



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				<p>searching field.</p> <p>2. Add “Status” column to display every item status.</p> <p>3. Add new “Withdraw reason” field and it is mandatory when withdraw the notification.</p>	210006163E	Program Perkhidmatan Farmasi, KKM	
54.	R220017	Pharmacy Inventory	Penalty (PS-21)	<p>1. To enhance IWP and facility penalty incident PS 21</p> <p>2. Change Borang Tuntutan format</p>	<p>200002155E</p> <p>200002299E</p> <p>200003641E</p> <p>200002774E</p> <p>200001528E</p> <p>200002346E</p>	<p>Hospital Sik</p> <p>Hospital Seberang jaya</p> <p>PKD Timur Laut</p> <p>Hospital Alor Gajah</p> <p>Hospital Kampar</p> <p>Pejabat Farmasi Bahagian Sri Aman</p>	PhIS_CPS_Quick_Guide_2.6_INV_Penalty_v1.0
55.	R220014	Report/Enquiry	Budget Movement	<p>Report/Enquiry – Inventory – Budget Movement</p> <p>3. Add symbol '+' or '-' for budget adjustment transaction only at Budget Movement report. Budget – Budget Adjustment</p> <p>4. In Budget Adjustment screen, add symbol '+' or '-' at “Adjusted Amount (RM)” field.</p>	210004487E	Program Perkhidmatan Farmasi, KKM	<ul style="list-style-type: none"> <li>• PhIS_CPS_Quick_Guide_2.6_INV_Budget_Adjustment_v1.0</li> <li>• PhIS_CPS_Quick_Guide_2.6_RPT_Inventory_v1.0</li> </ul>
56.	R220015	Report/Enquiry	Issue Report	<p>5. Display “Issue type” filter on PDF report view.</p>	210004521E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_RPT_Inventory_v1.0
57.	R220016	Report/Enquiry	Procurement by Drug/Item	<p>Report/Enquiry – Inventory Reports Changes and enhancement as below:-</p> <p>1. Add “View by” filter to allow user to filter by Created Date, Approved Date</p>	210004511E	Program Perkhidmatan Farmasi, KKM	



No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				or eP Approved Date. 2. Make "Date from" value default to 1st of January, "Date to" value default to current date. 3. Changes will be made on 4 inventory reports requested by user – Purchase order by Drug/Item, Back Order, Procurement by Budget, Purchase order by status report.			



### 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_V2.6.txt	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/scripts">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/scripts</a>
2	Facility Application	iphis_v2.6.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war</a>
3	Facility Application	PHISService_v.2.6.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war</a>
4	Facility Application	PHISSchedulers_v.2.6.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar</a>
5	Facility Application	phis_Email_v2.6.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar</a>
6	Facility Application	phis_Cd_V2.6.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar</a>
7	Facility Application	phis_MyMaat_v2.6.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar</a>
8	Facility Application	phisIntegration.properties	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar</a>
9	Mobile Application	iphismobile_user_v2.6.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war</a>
10	Mobile Application	phisAPI_v2.6.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war</a>
11	Mobile Application	lpadhosp-2.6.0b08.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/Mobile">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/Mobile</a>
12	HQ Script	PatchScripts2.6_IWP.txt	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/scripts">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/scripts</a>
13	HQ Application	phishq_v2.6.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/war</a>



No.	Items	Components	Path
14	HQ Application	masterRelease_v2.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/jar
15	HQ Application	epservice_v2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/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_V2.6.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/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 Application	iphis_v2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PHISSchedulers_v.2.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to



Step	Items	File Name	Source Path	Action
				PHISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phisIntegration.properties	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war	Rename iphismobile_user_v2.6.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/facility/war	Rename phisAPI_v2.6.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.0b08.war	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6/Mobile	Rename ipadhosp-2.6.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.0r18 - Mobile Backend: 2.6.0b08



### 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	PatchScripts2.6_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/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_v2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/war	Rename the war file from phishq_v2.6.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/jar	Rename the jar file from masterRelease_v2.6.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6/iwp/war	Rename the war file from epservice_V2.6.war to epservice.war then deploy.