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

Release Note (PhIS Dashboard)

For version 1.1

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	14/09/2022	Mohd Hilmi Mohamad	Zainura Said	First Version

Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Zainura Said	Team Leader	Pharmaniaga Logistics Sdn Bhd	
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		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

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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	:	1.1
Client Name	:	Ministry of Health
Release ID	:	RL22/020
Release Date	:	14/09/2022

1.2   Objectives

No.	Objective	Reference
1.	Release PhIS & CPS Dashboard	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 Dashboard version 1.1

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R220029	Data Mining	PF 5.5(a) UI = N, Data = Y	To include all Counselling Types except bedside & discharge into PF 5.5 (a)	210005300E 200001558E 200002553E 210006564E	Institut Perubatan Respiratori Hospital Bahagia Ulu Kinta Hospital Raja Permaisuri Bainun, Ipoh KK Jalan Angsana	• PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
2.	R220030	Data Mining	PF 6.2 UI = N, Data = Y	To add the totals for each column in the report (Bedside, Discaj, Jumlah, Jumlah Sesi and Jumlah Pesakit)	210004930E 210005477E	Hospital Raja Permaisuri Bainun, Ipoh Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0
3.	R220025	Data Mining	PF 6.7 UI = N, Data = Y	Sample Management 1. To add radio button for Office Hour and After Office Hour PF 6.7 1. To count sample instead of order for column 'Bilangan Analisa' 2. To capture after office hour based on radio button user selected when generate data	210005535E 210005948E	Hospital Sultanah Aminah, Johor Bahru Hospital Kuala Lumpur	• PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0 • PhIS_CPS_Quick_Guide_2.6_Cln_TDM_1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
4.	R220005	Data Mining	PF7 UI = Y, Data = Y	Format of report generating for all state-request to generate according to state, not by alphabet	200002169E	Program Perkhidmatan Farmasi, KKM	Refer to #4.1
5.	R220036	Data Mining	PF6.3(a) UI = Y, Data = Y	PF 6.3(a) 1. To add filter by "Discipline" and rename the "Department" to "Discipline" 2. Remove section Farmasi Sub-specialty	200002999E 200002453E	Hospital Sungai Siput Hospital Raja Permaisuri Bainun, Ipoh	• PhIS_CPS_Quick_Guide_2.6_RPT_Clinical_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
6.	R220045	Data Mining	PF 5.1(a) UI = Y, Data = Y	Enhancement of PF 5.1(a) Report 1. To add total row at the bottom of the table. Changes apply to report screen and PDF. 2. To rename title to 'PF5.1(a): Aktiviti Pengurusan Preskripsi Farmasi Pesakit Luar'. 3. To ensure report in all formats (screen, PDF, Excel) are in Bahasa Melayu.	200002720E	Hospital Kuala Kangsar	• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
7.	R220046	Data Mining	PF 5.3(b) UI = Y, Data = N	Enhancement of PF 5.3(b) Report layout 1. To transfer 'Others (f)' column after 'Other Services (Locker4u) for PhIS report screen, PDF format, Excel format and Dashboard.	210006737E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
8.	R220059	Data Mining	PF 5.7(a) UI = Y, Data = Y	To add in column for packaging 60ml, 100ml and 1L of total dispensing bottle so that data generated as according to packaging that used/indent in the facility. Changes to both report PhIS report and Dashboard.	210005941E	KK Butterworth	• PhIS_CPS_Quick_Guide_2.6_RPT_Pharmacy_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
9.	R220060	Data Mining	PF 5.7(b)	Report PF 5.7(b) and PF 5.7(c) 1. To remove column 'Retention Rate'. 2. To correct count for 'Number of Patient (Registered) and (Active). 3. Total of Methadone Dose (TA) is inaccurate. To count TA by number of dosing when user dispense methadone order. 4. To put 'Prison' and 'AADK' under 'Ward' row. 'Lock Up' and Pharmacy Counter insert into 'Others'. 5. No. of Dispense Dose - currently in mL (inaccurate statistic captured). 6. To change title of "Methadone...by pharmacist' to 'Accredited Pharmacist Assistant'. 7. To change report from English to Malay language.	210005901E 210005902E 210005904E 210005906E 210005940E 210005908E 210004436E	KK Butterworth KK Butterworth KK Butterworth KK Butterworth KK Butterworth KK Butterworth Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_ 2.6_RPT_Pharmacy_v1.0 • PhIS_CPS_Quick_Guide_ 1.1_Dashboard_v1.0
10.	R220065	Data Mining	PF 6.8 UI = N, Data = Y	To add in all appointment made in Radiopharmaceutical Appointment screen that has been saved with Draft status into 'Bilangan Temujanji Pesakit').	200002776E	Hospital Umum Sarawak	• PhIS_CPS_Quick_Guide_ 2.6_RPT_Pharmacy_v1.0 • PhIS_CPS_Quick_Guide_ 1.1_Dashboard_v1.0
11.	R220066	Data Mining	PF 6.8(a) UI = N, Data = Y	To include count for dispensing of item Technetium-99m pertechnetate (Sodium Pertechnetate (Tc-99m) because this item is not prepared from Kit Preparation. It is a product from Generator Eluation.	200002776E	Hospital Umum Sarawak	PhIS_CPS_Quick_Guide_2.6 _RPT_Pharmacy_v1.0
12.	R220073	Data Mining	PF 1: Perolehan Ubat-Ubatan secara	1. Rename PF1 to PF 2: Perolehan Ubat-Ubatan secara Pembelian Tempatan.	220007911E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_ 2.6_RPT_Inventory_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
			Pembelian Tempatan Melebihi RM200,000 Setahun	2. Rearrange column 3. Add 'Nama Item' and 'Kod item' Column 4. Add filter 'Quarter' 5. Rename 'Jumlah Keseluruhan(RM)' rename to 'Nilai Perolehan Tahunan(RM)'			• PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
13.	R220096	Data Mining	Dashboard - Stock Check	1. Add new column - Year - Month - Brand - Manufacturer - Available Quantity - Upload date 2. Rearrange current column	220007957E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
14.	R220097	Data Mining	Dashboard - Issue	Changes and enhancement as below: - 1. Add new issue types 2. Revise report format	220007958E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
15.	R220098	Data Mining	Dashboard - Receive	Changes and enhancement as below: - 1. Add new receive type 2. Revise report format	220007959E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
16.	R220099	Data Mining	Dashboard - Budget	Changes and enhancement as below: Revise report format	220007960E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
17.	R220100	Data Mining	Dashboard - Procurement by item	Changes and enhancement as below: - 1. Add new report columns 2. Remove current report columns 3. Revise report format	210004511E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
18.	R220101	Data Mining	Dashboard - Highest Procurement	Changes and enhancement as below: - 1. Add new filters	220007961E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1 _Dashboard_v1.0
19.	R220102	Data Mining	Dashboard - Overall Procurement	Changes and enhancement as below: 1. Revise report format	220007962E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1 _Dashboard_v1.0
20.	R220082	Data Mining	Dashboard - Condem	1. Add new column - Approval year - Approcal Month - Approcal date - Drug/Non drug Name - Drug/Non drug Code - Item description - item code - Brand name - Manufacturer - Unit price - Upload date - Year - Month 2. Rearrange current column	220007963E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1 _Dashboard_v1.0
21.	R220084	Data Mining	Dashboard - Vaccine	1. Add download button at the nationwide detail table	220007966E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.1 _Dashboard_v1.0
22.	R220076	Data Mining	Report Inv - Laporan perbelanjaan Ubat	1. Add new column - Min unit price (RM) - Max unit price (RM)	220007968E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_ 2.6_RPT_Inventory_v1.0 • PhIS_CPS_Quick_Guide_ 1.1_Dashboard_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
23.	R220080	Data Mining	Report Inv - Write Off	PhIS 1. To display in full written-off justification category (F/G/H/I/J/K/L) Dashboard 1. Add year column at excel (Dashboard) 2. To display in full written-off justification category (F/G/H/I/J/K/L)	220007967E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_2.6_RPT_Inventory_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
24.	R220077	Data Mining	Report Inv - Laporan bulanan inventori ubat dan bukan ubat	PhIS 1. Cosmetic-merge column Dashboard 1. Add Year and Month column at excel 2. Display Month when user select=All at the PDF file	210004362E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_2.6_RPT_Inventory_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
25.	R220078	Data Mining	Report Inv - Laporan Bulanan Peruntukan Dan Perbelanjaan Ubat Dan Bukan Ubat	PhIS 1. Add Ministry/department column Dashboard 1. Add PTJ and Ministry/department 2. Add Year and Month column at excel 3. Add Month Range at the PDF file	210004362E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_2.6_RPT_Inventory_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0
26.	R220079	Data Mining	Report Inv - Procurement Pricing report	1.Add new column - Country of origin - Total - Supplier name - Item Code - MDC Code	220007969E	Program Perkhidmatan Farmasi, KKM	• PhIS_CPS_Quick_Guide_2.6_RPT_Inventory_v1.0 • PhIS_CPS_Quick_Guide_1.1_Dashboard_v1.0

3.2 Resolved Defect List

N/A

4 Refinement List – Detail Changes

4.1 PF 7 – State Order Arrangement

CR No	Module	Function	Description
R220005	Data Mining	PF 7 – State Order Arrangement	Format of report generating for all state-request to generate according to state, not by alphabet

a) PDF file

b) Excel file

5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	PhIS Dashboard Web	N/A	/var/www/src/phis-web
2	PhIS Dashboard API	N/A	/var/www/src/phis-api
3	PhIS Dashboard Python	N/A	/var/www/src/phis-python

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	Database	Mongo database	PhIS Dashboard pre-process data for analytics

5.3 Deployment/Installation Guidelines

5.3.1 Deployment

Below table is described the deployment steps at Dashboard server:

Step	Items	File Name	Source Path	Action
1	PhIS Dashboard Web	N/A	/var/www/src/phis-web	Run command: git fetch origin {1.1} git reset --hard FETCH_HEAD git clean -df
2	PhIS Dashboard API	N/A	/var/www/src/phis-api	Run command: git pull php artisan migrate
3	PhIS Dashboard Python	N/A	/var/www/src/phis-python	Run Command: git pull service/python-socket-server.sh restart