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

Release Note (PhIS Dashboard)

For version 1.4.4

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	10/06/2024	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	
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

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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	:	1.4.4
Client Name	:	Ministry of Health
Release ID	:	RL24/012
Release Date	:	10/06/2024

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

N/A

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS Dashboard version 1.4.4.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS106663 323APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	16/11/2023	Procurement Pricing Report - Active Ingredient not listed	Email from Ong Sin Yee Ketua Penolong Pengarah Adalah dimaklumkan bahawa pihak BPF, JKNNS mengalami kesulitan untuk menjana Procurement Pricing Report untuk item Ravidasvir 200mg Tablet (Kod Item: J05ap00110t1001.01) Dalam PhIS dashboard seperti yang ditunjukkan (rujuk lampiran) Procurement Pricing Report - no items found apabila Ravidasvir 200mg Tablet dimasukkan Data Procurement hanya dapat disemak melalui capaian Procurement yang tidak memberi butiran	Previously Active Ingredient listing at search criteria was referring to static table, meaning if there are changes on Active Ingredient master table, it would not reflect to this Active Ingredient listing.	N/A	Amend approach to retrieve updated Active Ingredient listing at search criteria from master table.	28/11/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						terperinci tentang setiap Purchase Order yang dikeluarkan. Mohon semakan tuan/puan berkenaan isu ini. Kerjasama pihak tuan/puan amat dihargai dan didahului dengan ribuan terima kasih.				
2.	I-PhIS107459 423APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	30/11/2023	Stock Balance & PF7 Report - Individual Institute Appear Under Wrong JKN	Email daripada Ms Ong: IKN Bukan Duduk Di bawah JKWPKLP. Dilampirkan laporan yang dijana melalui dashboard phis. IKN adalah institusi asing dan bukan duduk di bawah JKWPKLP. Mohon semak laporan lain dan membuat pembetulan pada sistem. ----------------------------- Maklumat tambahan daripada Encik Jimmie: Pihak kami mendapati Institut Kanser Negara & Pusat Darah Negara diletakkan di bawah Jabatan Kesihatan	Incorrect query was applied whereby individual facilities were wrongly defined under JKN. Suppose both individual facility and JKN should be defined separately.	N/A	Amend query to split data value for individual facility and JKN.	20/12/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Wilayah Persekutuan Kuala Lumpur & Putrajaya di dalam Dashboard. Mohon semakan dan membuat pembetulan & mewujudkan nama Institut Kanser Negara & Pusat Darah Negara di ruangan JKN/Institute supaya data yang dijana/dieksport ke excel adalah tepat.				
3.	I-PhIS107343 123APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	28/11/2023	Stock Balance - Data do not appear for certain JKN/Institute when search drug/nondrug	Emel daripada pengguna: PERTANYAAN TENTANG PERBEZAAN BAKI STOK BOOT COVERAGE FOR SHOE AND LOWER LEG (P1440040007.00) 2. Bahagian ini memohon pencerahan tentang perbezaan baki stok Boot Coverage for Shoe and Lower Leg (P1440040007.00) antara PhIS Dashboard dengan baki di PhIS Hospital Port Dickson.	Wrong query was implemented whereby system was considering expiry date value even for non drug item. Thus, non drug item will not appear in the filtration. Suppose system should ignore expiry date checking for non drug item.	N/A	Amend query to ignore expiry date value for non drug item.	04/12/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
4.	I-PhIS116738 424APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	23/05/2024	Stock Balance - Stock balance does not tally between PhIS and Dashboard	Received email from user: Salam sejahtera. Dengan segala hormatnya saya merujuk kepada perkara di atas. 2. Bahagian ini ingin memajukan pertanyaan tentang perbezaan data PhIS Fasiliti dengan PhIS Dashboard untuk item Insulin Regular/Isophane (30/70) Penfill (Insugen-30/70) seperti di bawah: Fasiliti: KK Air Kuning, N9 a) Baki di PhIS Dashboard menggunakan module Stock Balance: b) Baki di KK Air Kuning Selatan menggunakan Stock Balance by Drug/Non-Drug: (attachment)	Wrong implementation at dashboard whereby system was combining query for stock data for hospital and stock data for clinic, and this has caused duplicate data in Dashboard database.	Clean duplicate data in current dashboard database.	Amend query to not combine both stock data for hospital and clinic to avoid duplication.	30/05/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
5.	I-PhIS107435 323APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	30/11/2023	Receive List not able to download for Individual Institute	Email: Report Dalam Dashboard Tidak Dijana (Stuck di status Collecting) Di dalam Dashboard PhiS, saya ada 2 report dalam queue list yang tidak dapat dijana (Stuck di status Collecting). Mohon semakan & bantuan. (Rujuk Lampiran 1)	Incorrect query was applied on individual institute for Receive List module, and this has caused system unable to initiate the download process.	N/A	Implement correct query on individual institute for Receive List module.	14/12/2023
6.	I-PhIS108907 723APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	26/12/2023	Dashboard Contract: Inappropriate Search key name	Tiada Data Dijumpai dalam PhIS Dashboard - Contract > Details by Contract > Search by Contract Effective Start Date Merujuk kepada perkara tersebut di atas. 2. Adalah dimaklumkan bahawa tiada data dijumpai apabila fungsi search dalam Bahagian Contract PhIS Dashboard > Details by Contract > Search by Contract Effective Start	Improvement at labelling part to rename description at labelling to 'KKM Code Contract Ref No' to avoid confusion to user.	N/A	Rename 'Search Key' description from 'Contract Name' to 'KKM Code Contract Ref No'.	01/02/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Date digunakan. Carian dibuat menggunakan nama ubat dan juga kod kontrak.				
7.	I-PhIS108903223APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	26/12/2023	Dashboard - Contract Effective End date: Date To only listed until current date.	Email: Tidak Dapat Mencari Kontrak yang Tamat Selepas Tarikh Pencarian dalam PhIS Dashboard - Contract > Details by Contract > Search by Contract Effective End Date

2. Adalah dimaklumkan bahawa apabila fungsi search dalam Bahagian Contract PhIS Dashboard > Details by Contract > Search by Contract Effective End Date digunakan, carian hanya dapat dibuat bagi kontrak yang tamat pada atau sebelum 26 Disember 2023, iaitu tarikh pencarian dibuat dan kontrak yang tamat selepas tarikh pencarian tidak dapat dicari. | Wrong validation was applied for 'Contract Effective End Date To' whereby future date cannot be selected. Suppose this validation is not required. | N/A | Allow user to enter and search by future date value for 'Contract Effective End Date To'. | 01/02/2024 |
| 8. | I-PhIS108908723APP | Bahagian Perkhidmatan Farmasi (HQ) | Data Mining - PhARM | 26/12/2023 | Dashboard-Contract: Contract not | Tiada Data Dijumpai dalam PhIS Dashboard - Contract > Details by | Contract master file was missing in the integration process. | Integrate the contract master file into the | Integrate the contract master file into the process and | 10/01/2024 |

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
		(A)			listed (Effective End Date)	Contract > Search by Contract Effective End Date Merujuk kepada perkara tersebut di atas. 2. Adalah dimaklumkan bahawa tiada data dijumpai apabila fungsi search dalam Bahagian Contract PhIS Dashboard > Details by Contract > Search by Contract Effective End Date digunakan. Carian dibuat menggunakan nama ubat dan juga kod kontrak.	Thus, when passing data to dashboard, system was unable to show the updated contract details.	process and repush data to dashboard.	repush data to dashboard.	
9.	I-PhIS108903 623APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	26/12/2023	Dashboard-Contract: Contract not listed (Effective End Date)	Email: Data Bukan Versi Terkini dalam PhIS Dashboard - Contract > Details by Contract > Search by Contract Effective End Date Adalah dimaklumkan bahawa apabila fungsi search dalam Bahagian Contract PhIS Dashboard > Details by Contract > Search by	Contract master file was missing in the integration process. Thus, when passing data to dashboard, system was unable to show the updated contract details.	Add back the contract master file into the process and repush data to dashboard.	Add back the contract master file into the process and repush data to dashboard.	09/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Contract Effective End Date digunakan, data yang dijumpai menunjukkan tarikh tamat kontrak 27/09/2023 walaupun terdapat versi terkini kontrak tersebut dengan tarikh tamat 6/6/2023, seperti tangkap layar berikut:				
10.	I-PhIS108944 623PHISP	Hospital Selayang (A)	Data Mining - PhARM	27/12/2023	Dashboard - Error when try to download report Laporan Perbelanjaan Ubat Mengikut Sumber Perolehan (Import/Local VS Generic/Innovator)	PhIS+ - Unable to generate report. Ms Mei Sim reported unable to generate Laporan Perbelanjaan Ubat Mengikut Sumber Perolehan (Import/Local/Generic/Innovator) due to appear status error when generate. Report Name: Laporan Perbelanjaan Ubat Mengikut Sumber Perolehan (Import/Local VS Generic/Innovator) Start Date: 2023-01-01. End Date: 2023-12-21. JKN: Jabatan Kesihatan Negeri Selangor	Missing implementation to add 'Minimum Unit Price' and 'Maximum Unit Price' columns during current PhIS build.	N/A	Add missing column in current Dashboard application to prevent queue error.	11/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						PTJ: Hospital Selayang Facility: Hospital Selayang Facility Version: All				
11.	I-PhIS113358624APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Data Mining - PhARM	18/03/2024	Dashboard - Medicine Cost per Prescription	Email from user, based on previous report 241553111B. Berdasarkan semakan saya pada 18.3.24, 3.34pm data yang dipaparkan masih meragukan. Bilangan Preskripsi bagi Ogos 2023 untuk JKN Wilayah KL & Putrajaya 284 dan Labuan hanya 59. Mohon semakan dan maklumkan pihak kami bila Dashboard ini boleh selesai dikemaskini dan boleh digunakan sepenuhnya	Daily process of data upload into repository database was frequently interrupted due to over-memory usage for large data especially for historical data patching.	Initiate manual sync process to repository database.	Optimize daily upload approach into repository database to prevent excessive memory usage.	20/05/2024

4   Refinement List – Detail Changes

N/A

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 {1.4.4} 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