



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

Release Note

For version 2.6.1.8

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1.0	03/01/2023	Mohd Hilmi Mohamad	Zainura Said	First Version

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Peer Review

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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	:	2.6.1.8
Client Name	:	Ministry of Health
Release ID	:	RL23/001
Release Date	:	03/01/2023

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

N/A



3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.1.8.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I- PhIS085311422A PP	Klinik Kesihatan Greentown (A)	Report Enquiry	25/11/2022	Item Master – Wrong Average Price	Item Movement - Price of drugs do not tally while receiving & issuing Ms Sherdila reported that for following item, Price of drugs do not tally while receiving & issuing. Unit: Stor Farmasi Item Code: G05AE00965T3201.02 Nirmatrelvir (PF-07321332) 150mg & Ritonavir 100mg Film-Coated Tablets	'Item Average Price' calculation was not correctly handled in Item Master for new receiving transaction	15/12/2022
2.	I- PhIS085117722A PP	Hospital Banting (A)	Outpatient Pharmacy	22/11/2022	Screening and Verification – Display error message - Ward Stock Drug	Pn.Amira reported unable to proceed with screening and verification due to appear error "Please contact your administrator." MRN: 131433	Missing implementation to handle the backend error during verify function if prescription is having only wardstock drug	30/11/2022
3.	I- PhIS085514722A PP	Klinik Kesihatan Majidee (A)	Outpatient Pharmacy	29/11/2022	Screening & Verification - Unable to allocate alternate drug	User reported after upgrade version 2616, user unable to alternate drug as " allocation exceed quantity" MRN: 9670582 (Mak Sah binti Maliki) Rx no: outpatient0000024491 Drug name: Atorvastatin 60mg tab, user need to alternate to 80 mg- (0.5 tab) and 20 mg (1 tab)	Non allocated drug was wrongly considered during system validation when exceeding balance quantity. Suppose system should only consider the drugs that have been allocated	14/12/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
4.	I- PHIS084666822A PP	Klinik Kesihatan Kelana Jaya (A)	Pharmacy Inventory	14/11/2022	Receive (Inter Facility) – Old transaction appear	Puan Azimah reported old transaction appear in tasklist Online Indent Request Receive KK Puchong: R21000335 KK Seri Kembangan: R2010PS001- 0000449 Online Issue Request Receive Indent Date: 18.4.2016 Indent No: R16000247 PKD Petaling: P220001056	Issue with the scheduler job. Previous old data that were failed to sync to IWP before is now started to resync to facilities again. Suppose old data no need to resync again	14/12/2022
5.	I- PHIS085209322A PP	Hospital Pakar Sultanah Fatimah (A)	Outpatient Pharmacy	23/11/2022	Extemporaneous – Unable to proceed for Alternate Drug. Appear pop up 'Extemp record already created. please refresh screen'	User reported unable to generate worksheet as appear pop up: extemp record already created, please refresh screen. Steps user: At screening & verification screen: user allocate > tick extemp > prepare > save > after clicked yes pop up appear. Please refer video from user for details steps. MRN 311750 - MOHAMAD ALIF ZIKRI Drug name: Omeprazole	Extemporaneous function was not correctly handled for drug with alternate allocation	14/12/2022
6.	I- PHIS080195322A PP	Hospital Port Dickson (A)	Inpatient Pharmacy	15/08/2022	Ward Pharmacy (CP1) - Data inaccurate – 'Balance from	Received email from Mr/Ms Lau, Masalah Perekodan Data yang Tidak Tepat untuk CP1.	Wrong query was used to retrieve the UOM value. Previously it was retrieved from Drug Master table.	20/12/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
					Previous Supply' Column only record 'mg' for all drugs	'Unit Farmasi Klinikal di Hospital Port Dickson telah mula mengguna modul CP1 PhIS sejak Jun 2022. Walau bagaimanapun, pihak kami telah menghadapi masalah perekodan data yang tidak tepat dalam PhIS. Dilampirkan bersama emel ini adalah contoh-contoh masalah tersebut.'	Suppose should be retrieved from patient's medication history.	
7.	I-PhIS084082822A PP	Hospital Sultanah Aminah (A)	Pharmacy Inventory	03/11/2022	Recommended Issue Quantity (Intra Facility) - Max storage and Buffer level Indenter's Information inaccurate	Email from user: Max Storage Qty Displayed on RIQ Page Not Accurate. I would like to log an issue whereby the max storage qty displayed on the RIQ page under "Indenter's information" is not accurate. It actually shows the 'supplying unit's' max storage qty instead of the indenting unit. Kindly refer to the attached screenshots, focusing on the item Bupivacaine 0.5%+Adrenaline 1:200,000 Inj (N01BB51975P3001XX).	'Max Storage' and 'Buffer Level' quantity are wrongly shown based on supplying unit value instead of the indenting unit	30/11/2022
8.	I-PhIS084908522A PP	Hospital Umum Sarawak (A)	MTAC	17/11/2022	MTAC Reporting - Frequency in DFIT reverts back to default	Email: Frequency for manually added drug items in DFIT reverts back to default when the user selects "Yes" or "No" for Dose, Frequency, Indication and Administration Time column. Refer to video titled Problem with Frequency in DFIT, example of issue	Issue happens due to system was wrongly updated the earlier entered frequency to default value when selecting Yes or No checkbox in Dose, Frequency, Indication and Administration Time	16/12/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						<p>occurred for Diltiazem and Sodium Bicarbonate 1g/15ml Mixture MRN: HUS00441137 for reference Happens to all orders https://drive.google.com/drive/folders/1vibP4o9qRS_wOjO2N2N7j22K5zmt08fe?usp=sharing</p>	columns. Suppose the entered frequency should be maintained	
9.	I-PhIS081665822S	Klinik Kesihatan Peringgit (A)	Pharmacy Inventory	25/02/2022	RIQ (Inter Facility) - Unable to issue - stock has been deducted reallocate stock	<p>Pn Mas reported through email, PROBLEM WHEN APPROVING KK AYER MOLEK INDENT R22000107, SYSTEM PROMPT ERROR PLEASE RE-ALLOCATE.</p> <p>'When approving and issuing KK Ayer Molek indent, the system prompts us to re-allocate the quantity for several items because the quantity is nil or less than intended to issue.</p> <p>But when we done re-allocating and save to send for approval, the error reappears and requires us to repeat the same action a few times. Also, we noticed that the item still appears in the system even though the shown quantity is nil. Plus, the system does not auto reallocate the quantity as usual.'</p>	Issue happens if drug has multiple items. When do approval for issue, system will wrongly zeroize stock available for issued items. Suppose stock available should be deducted based on issue quantity only.	04/04/2022
10.	I-PhIS084063922A PP	Klinik Kesihatan Tawau (A)	Outpatient Pharmacy	02/11/2022	Dispensing – Appear pop up Next	En Radin reported he unable to proceed dispensing due to user notice when proceed from	'Next Collection Date' value was not automatically cleared	28/12/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
					collection date not valid	preparation screen, popup appear 'Next collection date not valid'. Users need to clear the next collection date then can proceed. However, user claim popup appears because system captured backdated for next collection date. Users want to know if this issue is Bug for current version as issue just happen for v2614. Affected to all patients. Refer example as below: MRN: 10188375 (Saleng) IC no: 45032912XXXX RX no: OUTPATIENT000006310	once supply duration and supply quantity are exceeding the order detail	



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_V2.6.1.8.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/scripts
2	Facility Application	iphis_v2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war
3	Facility Application	PhISService_v.2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war
4	Facility Application	PhISSchedulers_v.2.6.1.8.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar
5	Facility Application	phis_Email_v2.6.1.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar
6	Facility Application	phis_Cd_V2.6.1.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar
7	Facility Application	phis_MyMaat_v2.6.1.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar
9	Mobile Application	iphismobile_user_v2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war
10	Mobile Application	phisAPI_v2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war
11	Mobile Application	lpadhosp-2.6.1.8.0b08.war	https://10.1.1.57:5522/svn/PhISWorkspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/Mobile
12	HQ Script	PatchScripts2.6.1.8_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/iwp/war
14	HQ Application	masterRelease_v2.6.1.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/iwp/jar
15	HQ Application	epservice_V2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/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_V2.6.1.8.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/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_v2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.1.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.1.8.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Datawar	Backup jar file from /home/phisesb/phisja



Step	Items	File Name	Source Path	Action
			e/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.1.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/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_V2.6.1.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/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_v2.6.1.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/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://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.1.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war	Rename iphismobile_user_v2.6.1.8.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.1.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/facility/war	Rename phisAPI_v2.6.1.8.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.1.8.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/Mobile	Rename ipadhosp-2.6.1.8.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.1.8.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.1.8.0b08

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	PatchScripts2.6.1.8_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/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_v2.6.1.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/iwp/war	Rename the war file from phishq_v2.6.1.8.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.1.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/iwp/jar	Rename the jar file from masterRelease_v2.6.1.8.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.1.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.8/iwp/war	Rename the war file from epservice_V2.6.1.8.war to epservice.war then deploy.