



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

Release Note

For version 2.6.3.12

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Revision History

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1.0	13/03/2024	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	:	2.6.3.12
Client Name	:	Ministry of Health
Release ID	:	RL24/007
Release Date	:	13/03/2024

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 2.6.3.12.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS083760 422APP	Hospital Raub (A) (EXTD)	Patient Management	28/10/2022	Ward Management - Visit Type PAC does not clear from listing page	<p>User reported she unable to discharge patient due to unable to tick in ward management and when double click the details, no pencil button to edit the patient. Details as below:</p> <p>MRN No: HRAUB00092843 Unit Name: Ward Bersalin</p> <p>**User wants to know either this patient from PAC can be discharge or not.</p>	<p>Incorrect logic was applied for discharge PAC visit during midnight scheduler whereby it was not correctly clearing the record at listing screen and not showing the discharge time even the visit is already discharged.</p>	N/A	Implement the correct logic on discharge function for PAC visit type.	08/12/2022
2.	I-PhIS082454 422APP	Hospital Rembau (A) (24H)	MAR	04/10/2022	MAR Recording: Both Intervened & Original drug appear in listing	<p>Pn Lela reported that for following patients, drug Syrup Amoxycillin appears double/duplicate. Kindly refer to User Attachments for further details.</p>	<p>Missing condition to strikethrough the original drug name after intervention.</p>	N/A	Implement condition to strikethrough the original drug name after intervention.	29/03/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
3.	I-PhIS103602623APP	Hospital Miri (A) (24H)	Outpatient Pharmacy	26/09/2023	Screening & Verification - Unable to auto allocate after intervention	<p>Email:</p> <p>I've reported before regarding unable to auto allocate quantity after doing intervention on Rx- 231446671B but was informed unable to stimulate the case due to no example given.</p> <p>Now, with reference to an example, RN292935-MEDC0002481206, we are unable to auto allocate the quantity after intervention on the Rx. Please help to fix this issue for good.</p>	System was not applying deallocate function for prescription that had been intervened. Suppose allocated drug shall be deallocated first before can proceed with intervention process.	N/A	Apply deallocate function in system during intervention process.	21/11/2023
4.	I-PhIS084115422APP	Hospital Miri (A) (24H)	Outpatient Pharmacy	03/11/2022	Screening and Verification - Unable to do Intervention	<p>Email from user:</p> <p>We encounter random Rx that we can't do intervention (as the pic shown). When we click into intervention, the page display is incomplete.</p> <p>Please fix this asap as this is causing a lot of troubles to our Rx that have issue. We can't alter quantity nor can</p>	Issue happens due to system was not able to fully retrieve UOM value from dispense normal table at backend and this has caused error while loading in Intervention screen.	N/A	Add condition to fully retrieve UOM value from dispense normal table during opening Intervention screen.	01/06/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						we change the duration etc. Example of the Rx is RN 248362, RN 98134				
5.	I-PhIS085552 822APP	Hospital Miri (A) (24H)	Outpatient Pharmacy	29/11/2022	SPUB Form: Drug list checkbox is not ticked	<p>Email from user: Bug on SPUB</p> <p>Recently, we realised that random SPUB Rx will sometimes appear empty rx when we do SPUB to other facilities.</p> <p>Attached together is an example of the SPUB R1 form that we printed out.</p> <p>This is causing the facility that we refer to unable to know what medications is for the pt and hence unable to request meds from us. Please fix this bug. Thank you.</p>	Issue on select checkbox function inside 'SPUB Form' screen whereby system was not automatically selecting all the checkboxes at drug level even the checkbox is selected at header level.	N/A	Apply condition in code to select all checkboxes at drug level if checkbox is selected at header level.	11/04/2023
6.	I-PhIS101801 523APP	Hospital Seri Manjung (A) (24H)	Inpatient Pharmacy	28/08/2023	Fill List - Unable to generate fill list popup error message - taper with split dose	<p>Email:</p> <p>I am writing regarding a problem we encounter in Satellite Pharmacy regarding 'fill list'. We are unable to use the</p>	Missing implementation in code to handle case for taper drug with split dose during fill list generation.	N/A	Apply function to cover case for taper drug with split dose during fill list generation.	11/10/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						function 'fill list' for Ward 9 as it appears as 'error'. Please advise. Thank you. Nursing Unit: Ward 9				
7.	I-PhIS109803724APP	Bahagian Perkhidmatan Farmasi (HQ) (A)	Special Approve Medicine	10/01/2024	Special Approval Medicine - Facility Name not show full name when print KPK form & Print Permit	Merujuk perkara di atas, saya ingin membuat laporan aduan tentang NAMA FASILITI bagi Cawangan Farmasi Logistik Negeri Sarawak TIDAK LENGKAP pada dokumen pengecualian (permit import) apabila dijana melalui sistem PHIS. Untuk makluman, nama penuh fasiliti tersebut dapat dilihat pada permohonan dalam sistem PHIS tetapi tidak dipaparkan sepenuhnya setelah permit dijanakan. Sila rujuk lampiran sebagai contoh.	Issue happens due to facility name standardization. At IWP, facility name was displayed based on name setup in External Facility master data where else at facility level, facility name was referred to name configured at Facility Information master data.	Data patching to update facility name as per the external facilities table.	Amend condition to retrieve facility name value from External Facility master data during KPK form and permit report generation.	31/01/2024
8.	I-PhIS082936922APP	Hospital Raja Perempuan Zainab II (A) (EXTD)	Drug Information & Consumer Education	12/10/2022	Drug Information - Transaction does not appear accordingly at listing page	En Muzammil reported unable to click on next page at screen drug information screen. Issue happens only for 1 user ID. User also reported, will appear	There was backend error when filtering using 'Enquiry Received By' search criteria with special character value. This has caused system	N/A	Improve query to recognize special characters for 'Enquiry Received By' value during filtering function.	20/02/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						more than 10 transactions for 1 page.	keep loads everything on single page.			
9.	I- PHIS095296 223APP	Hospital Miri (A) (24H)	Pharmacy Inventory	16/05/2023	Receive From Supplier - System allow to do Receive From Supplier with expired item batch for Nondrug item.	Ms. Loi reported that unable to approve the direct issue. Popup info appears "INFO8015: Item/Batch No. from this transaction is still processing by other transaction. Please wait until another transaction complete.". May refer attachment. Direct issue no.: D23PS001-0002901 D23PS001-0002899	No validation was applied during approval process on expired item for non-drug at 'Receive from Supplier' module.	N/A	Implement condition to validate expired item for non-drug during approval process at 'Receive from Supplier' module.	21/08/2023
10.	I- PHIS101480 923APP	Hospital Tuanku Ampuan Najihah (A) (EXTD)	Report Enquiry	22/08/2023	Inpatient Prescription Report: - Not count on Item which dispensed from Fill list	Mr Sia informed already dispense prescription using fill list this morning. But when he generates inpatient prescription report, reported prescription not appear. User reported all prescription that dispense using fill list will not listed when he generate report Inpatient Prescription. Example:	Missing query to consider the prescription dispensed through fill list during report generation.	N/A	Improve report query to also consider prescription that have been dispensed using fill list.	12/12/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						IC No.: 74060101XXXX RX No.: W4_Bed0000157993 unit: Inpatient Pharmacy				
11.	I- PHIS082381 622APP	Hospital Enche Besar Hajjah Kalsom, Kluang (A) (EXTD)	Report Enquiry	03/10/2022	CDR Dilution/Admini stration report: data not generated properly	Encik Saiful reported data not generated in CDR Dilution/Administration Preparation Date From: 1.9.2022 Preparation Date To: 30.9.2022 Click Search No record found. User inform got issue with 13th report. If user filter 1st-12th or 14th-30th - able to generate report.	There was character length issue for 'Dose' column inside report staging table. Issue is fixed by increasing the dose length to 50 characters.	Data patch to increase the dose length.	Increase the length of 'Dose' column to 50 characters inside report staging table.	29/03/2023
12.	I- PHIS089393 523APP	Hospital Umum Sarawak (A) (EXTD)	Report Enquiry	02/02/2023	Budget Movement - Amount double deduct for PO Send To eP Approval	Mr Lim reported transaction amount in the budget movement is not tally with purchased PO. LPO no: CO23-6976	There was an issue with session data. Vote code data had been wrongly loaded twice to session, hence 'PO Send for eP Approval' amount become double.	Execute the script to deduct 'Current Pending Amount' and 'Current Balance Amount' for	Update condition in code to load vote code data once per session during approval process.	10/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						CO23-6981 CO23-6969 CO23-6986 CO23-7016 CO23-7022 CO23-11450 Vote code: 990100/27499		impacted vote code.		



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_V2.6.3.12.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/scripts
2	Facility Application	iphis_v2.6.3.12.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/war
3	Facility Application	PhISService_v.2.6.3.12.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/war
4	Facility Application	PhISSchedulers_v.2.6.3.12.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar
5	Facility Application	phis_Email_v2.6.3.12.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar
6	Facility Application	phis_Cd_V2.6.3.12.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar
7	Facility Application	phis_MyMaat_v2.6.3.12.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar
9	Mobile Application	iphismobile_user_v2.6.3.12.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/war
10	Mobile Application	phisAPI_v2.6.3.12.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/war
11	Mobile Application	lpadhosp-2.6.3.12.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/Mobile

No.	Items	Components	Path
12	HQ Script	PatchScripts2.6.3.12_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.12/iwp/scripts
13	HQ Application	phishq_v2.6.3.12.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.12/iwp/war
14	HQ Application	masterRelease_v2.6.3.12.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.12/iwp/jar
15	HQ Application	epservice_V2.6.3.12.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.12/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:

Ste p	Items	File Name	Source Path	Action
1	Facility Script	PatchScripts_PhIS_V2.6.3.1 2.txt	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati ons/PHIS_ReleaseV2.6.3.12/f acility/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_v2.6.3.12.war	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati ons/PHIS_ReleaseV2.6.3.12/f acility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.12.war	https://10.1.1.57:5522/svn/P hIS/Workspace_Dataware/3 1_Implementation/Applicati	Please rename the war file to



Step	Items	File Name	Source Path	Action
			ons/PHIS_ReleaseV2.6.3.12/facility/war	PHISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.3.12.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.3.12.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/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_V2.6.3.12.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/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_v2.6.3.12.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/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_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.12.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/war	Rename iphismobile_user_v2.6.3.12.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.12.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/facility/war	Rename phisAPI_v2.6.3.12.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.3.12.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataaware/3	Rename ipadhosp-2.6.3.12.0b08.war to



Step	Items	File Name	Source Path	Action
			1_Implementation/Applications/PHIS_ReleaseV2.6.3.12/Mobile	ipadhosp.war and deploy. - Mobile Frontend: 2.6.3.12.0r18 - Mobile Backend: 2.6.3.12.0b08

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	PatchScripts2.6.3.12_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/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_v2.6.3.12.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/iwp/war	Rename the war file from phishq_v2.6.3.12.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.12.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/iwp/jar	Rename the jar file from masterRelease_v2.6.3.12.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_v2.6.3.12.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.12/iwp/war	Rename the war file from epservice_v2.6.3.12.war to epservice.war then deploy.