



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

Release Note

For version 2.6.3.8

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Revision History

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1.0	08/01/2024	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	:	2.6.3.8
Client Name	:	Ministry of Health
Release ID	:	RL24/001
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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 2.6.3.8.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS095384 423APP	Hospital Rembau (A)	Outpatient Pharmacy	18/05/2023	Dispensing - Discharge Medication - Unable to dispense as popup "please enter patient details arrival" - Patient Arrived components do not appear	Puan Nadiah reported unable to dispense patient due to appear pop up "please enter patient details arrival" when clicked button dispense. Details: MRN: 6180 - Muzasyira RX: 02M0000070566	Wrong condition was applied during system checking on patient arrival detail. Suppose patient arrival is not required for all prescriptions that are dispensed through Inpatient dispensing.	N/A	Remove checking on patient arrival detail if prescription is dispensed through Inpatient dispensing.	05/12/2023
2.	I-PhIS098281 623APP	Hospital Kuala Lumpur (A)	Report Enquiry	05/07/2023	Prescription Management OP - Data not generated	User Mr Kenwey reported when generate report Prescription Management OP, no data generated. Acknowledge Date/Time From: 1/6/2023 Acknowledge Date/Time To: 30/6/2023	Issue with the query to retrieve 'Psychotropic Drug Verified By' value. Error will be displayed when there are multiple drugs under same prescription that require psychotropic drug verification.	N/A	Modify report query to retrieve correct value for 'Psychotropic Drug Verified By' column.	14/09/2023
3.	I-PhIS106049 523APP	Hospital Sultanah Aminah (A)	Report Enquiry	05/11/2023	Prescription Management OP - Data inaccurate (multiple patient records)	Error in Prescription Management OP Report. Kindly refer to the attached report &	Wrong method was applied whereby system did not have any checking for redundant record when inserting data during report summary execution.	N/A	Modify query in summary to remove redundant data during report generation.	02/01/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						screenshot. Duplicate entry for patients.				
4.	I- PHIS102806 523APP	Hospital Miri (A)	Report Enquiry	13/09/2023	Prescription Management IP - Prescriber name no spacing	Email from user, Pihak kami mendapati nama prescriber ada sedikit berlainan (masalah spacing) dalam laporan Intervention jika dibanding dengan Laporan Prescription management ip/op untuk berberapa orang doktor. Hasil penyemakan mendapati prescriber yang ada menyimpan "last name" ada masalah tersebut. Mohon membuat cadangan pembedulan.	No spacing was applied between first name and last name values in the summary insertion for Prescription Management IP report.	N/A	Modify the query so that there is space character between the first and second name values.	06/11/2023
5.	I- PHIS106655 323APP	Hospital Kuala Lumpur (A)	Report Enquiry	16/11/2023	Prescription Management IP: Data do not display correctly	Encik Hafiz reported when generate Prescription Management IP report, data for prescription discharge does not appear when generate as below: Order Date/Time From - to: 16/11/23 (7.30am) - 16/11/23 (current time)	Wrong condition was applied inside report query for 'Order Type' search criteria.	N/A	Implement correct condition inside report query for 'Order Type' search criteria.	27/12/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>Order Status: New</p> <p>Order Type: Discharge</p> <p>However, when change order type as All, data appeared but Order Type was blank.</p> <p>Sample patient as below:</p> <p>MRN & patient name: HKL00486371 Teo Ng Suan</p> <p>RX: FR3900836</p>				
6.	I-PhIS089812523APP	Hospital Miri (A)	Report Enquiry	09/02/2023	Drug Utilisation Report: Order Location Column shows Blank	<p>User reported "order location " appear blank.</p> <p>Sample report generated: from: 16/1/2023 till 9/2/2023</p> <p>Order location: ALL</p> <p>Please refer attachment</p>	'Order Location' value was missing due to incorrect query was defined in code for order created from mobile or third-party integration.	N/A	Modify query to define correct 'Order Location' value if order is created from mobile or third-party integration.	27/11/2023
7.	I-PhIS105274523APP	Hospital Pakar Sultanah Fatimah (A)	Report Enquiry	23/10/2023	Drug Utilisation: - Data inaccurate (multiple patient records)	<p>User reported when user generate drug utilization, system only processing without any result.</p> <p>User filter: Drug name: Warfarin</p>	Wrong method was applied whereby system did not have any checking for redundant record when inserting data during report summary execution.	N/A	Modify query in summary to remove redundant data during report generation.	13/12/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Date from - to 23/10/2023				
8.	I- PHIS106101 823APP	Hospital Pakar Sultanah Fatimah (A)	Report Enquiry	06/11/2023	Drug Utilisation - Failed to generate report, error contact admin display	Puan Juliana reported unable to generate drug utilization report. Appear error contact admin. User search as below: Dispensing Date/Time From: 1/10/23 Dispensing Date/Time To: 15/10/23 @ 31/10/23 Dispense Location: Farmasi Bekalan Wad @ Farmasi Satelit Visit Type: Inpatient	Wrong searching method was applied in report filter query when involving current date value for 'Dispensing Date From' or 'Dispensing Date To' search criteria.	N/A	Modify query to allow report to be searched by current date value.	20/12/2023
9.	I- PHIS091310 223APP	Klinik Kesihatan Bukit Panchor (B)	Report Enquiry	07/03/2023	Drug Usage by Patient report - SPUB record not appear	Mr Chan reported dispense item to spub patient however when generating drug usage by patient no record appears. Example details as below: IC patient: 82012607XXXX (Muhammad Hafiz b Abdullah) spub in from	Missing query to retrieve dispensed drug with SPUB record inside report filter function.	N/A	Implement correct condition inside report query for SPUB record.	05/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						kk pasir puteh, Kelantan. Order Date From: 1/11/23 Order Date To: 28/2/23 Active Ingredient/Generic Name: methadone Order Type: Normal				
10.	I- PHIS108647 223APP	Hospital Raja Permaisuri Bainun (A)	Report Enquiry	21/12/2023	Drug usage by patient - Data do not appear	Data do not appear when search for date before 20122023 for any drug. Sample Drug: Meropenem 1000mg	There was a compilation issue on report summary scheduler and causing system unable to generate data for this report.	N/A	Recompile back the report summary scheduler based on correct condition.	03/01/2024



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_V2.6.3.8.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/scrip ts
2	Facility Application	iphis_v2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/war
3	Facility Application	PHISService_v.2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/war
4	Facility Application	PHISSchedulers_v.2.6.3.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/jar
5	Facility Application	phis_Email_v2.6.3.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/jar
6	Facility Application	phis_Cd_V2.6.3.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/jar
7	Facility Application	phis_MyMaat_v2.6.3.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/jar
9	Mobile Application	iphismobile_user_v2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/war
10	Mobile Application	phisAPI_v2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/facility/war
11	Mobile Application	lpadhosp-2.6.3.8.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/Mobile
12	HQ Script	PatchScripts2.6.3.8_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.8/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/iwp/war
14	HQ Application	masterRelease_v2.6.3.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/iwp/jar
15	HQ Application	epservice_V2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/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_V2.6.3.8.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/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_v2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.8.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.3.8.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/war	Backup jar file from /home/phisesb/phisja



Step	Items	File Name	Source Path	Action
			1_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.3.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.6.3.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.6.3.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/jar	Backup jar file from /home/phisb/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_ReleaseV2.6.3.8/facility/jar	/home/phisb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/war	Rename iphismobile_user_v2.6.3.8.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/facility/war	Rename phisAPI_v2.6.3.8.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.3.8.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/Mobile	Rename ipadhosp-2.6.3.8.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.3.8.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.3.8.0b08

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	PatchScripts2.6.3.8_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/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_v2.6.3.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/iwp/war	Rename the war file from phishq_v2.6.3.8.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.8.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/iwp/jar	Rename the jar file from masterRelease_v2.6.3.8.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.3.8.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.8/iwp/war	Rename the war file from epservice_V2.6.3.8.war to epservice.war then deploy.