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

Release Note

For version 2.6.3.10

Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	20/02/2024	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	
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Name	Role/Designation	Organization	Signature & Date
		Program Perkhidmatan Farmasi (PPF), KKM	
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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	:	2.6.3.10
Client Name	:	Ministry of Health
Release ID	:	RL24/005
Release Date	:	20/02/2024

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 2.6.3.10.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS110942224APP	Klinik Kesihatan Sungai Chua (A)	Outpatient Pharmacy	31/01/2024	SystmOne – Medication Profile - Missing prescriptions	Emel: Seperti dilampirkan untuk tindakan. Prescription flow in from SystmOne but missing in medication profile record. Temporary Prescription need to be trace at record retrieval. Mohon semak.	Issue with the scheduler. If end date of prescription is either last day of month or year, the record was not updated into the summary, and this has caused record is not displayed in medication profile.	Data patch to update missing prescription into medication profile.	Update correct condition inside scheduler to consider data for last day of month and year.	05/02/2024
2.	I-PhIS109070823APP	Klinik Kesihatan Tawau (B) (EXTD)	Outpatient Pharmacy	28/12/2023	Medication Profile - Missing Prescription	The prescription did not appear on Medication Profile but available on Record Retrieval. PATIENT DETAILS: PHIS INFO NAME: FITRIAWATI BINTI MUNIF ID: 90041212XXXX MRN: 12183045 RX# & DATE: OUTPATIENT0000166783 (20/09/2023) (Refer attachment from	Issue with the summary generation during midnight. If one prescription is failed to be generated, the remaining prescriptions are also unable to be generated to summary table.	Data patch to update missing prescription into medication profile.	Amend the code to skip current records and allow system to go to next record if current record is failed to be generated to summary table.	07/02/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						user)				
3.	I-PhIS109774024APP	Hospital Cyberjaya (A) (24H)	Outpatient Pharmacy	09/01/2024	Medication Profile - Administered Details missing	Pn Fatin reported that Administered details is blank for Previous Medication for all patients. Sample for checking: IC No: 60040110XXXX RN No: HCJ42749	No function was applied in system to retrieve 'Administered Details' information for medications under 'Previous Medication' section.	Data patch to update missing prescription into medication profile.	Amend code to retrieve correct 'Administered Details' information for medications that fall under 'Previous Medication' section.	09/02/2024
4.	I-PhIS111084024APP	Klinik Kesihatan Putrajaya Presint 18 (A)	Outpatient Pharmacy	02/02/2024	Medication Profile - Popup error message when open Dispensed Qty (Taper Drug)	Ms Murani informs that upon clicking on Dispensed Qty: 4, pop up error appears. User would like to check on the dispensing status as upon checking in Item Movement, there is no record of these 4 tablets has been dispensed to this patient. Kindly refer to attachments for further details.	No function was applied in system to retrieve 'Dispensed Drug Details' information at medication profile for taper drugs.	N/A	Amend code to retrieve correct information for 'Dispensed Drug Details' for record with taper drugs.	05/02/2024
5.	I-PhIS110472024APP	Hospital Papar (A) (EXTD)	Clinical Pharmacokinetic Services (CPS) & TDM	22/01/2024	TDM Outsource - Not sync to external facility	Miss Ho reported HQE1 not receive TDM transaction from H Papar. HQE1 TDM24-12 HPPR00134483 | Mohd	System was wrongly updating the 'Outsource Status' value as null during TDM integration. Due to this null value, record cannot be retrieved correctly at receiving facility.	Data patch to update 'Outsource Status' column value.	Amend code to update correct 'Outsource Status' value during integration.	05/02/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
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6.	I-PhIS107732 623APP	Klinik Kesihatan Bukit Jambul (A)	Report Enquiry	05/12/2023	Prescription Management OP - Incorrect patient age when print	Ms Ooi reported data was inaccurate after click print for prescription management OP report. She informs when generate all data correct but after click print, patient age became 950 years old. Affected to all patients. User needs data for patient's age and IC no. She requests urgent. Acknowledge Date/Time From: 1/11/2023. Acknowledge Date/Time To: 30/11/2023	Incorrect age format was shown at PDF and Excel files.	N/A	Change the age format at PDF and Excel files to follow as same as listing screen.	20/02/2024
7.	I-PhIS111663 224APP	Klinik Kesihatan Bukit Changgang (A)	Report Enquiry	14/02/2024	Drug Utilisation - Unable to generate report - Cross year issue	User reported he unable to generate report drug utilisation due to no record appear. Details as below: Date: 1/12/2023 - 14/2/2024	Wrong query was applied at filter function for 'Dispensing Date From' and 'Dispensing Date To' when involving cross year criteria.	N/A	Amend query at filter function to gather cross year criteria.	20/02/2024
8.	I-PhIS110209 624APP	Klinik Kesihatan Sungai Mati	Report Enquiry	17/01/2024	Drug Usage By Patient - No details	User reported dispense item to patient however when generate drug	'Active Ingredient' search criteria was not properly hold in system.	N/A	Update code to hold the 'Active Ingredient' value at	26/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	(B)				displayed after click search button for the 2nd time	usage by patient no record appears. Details as below: Order date from -Order date to: 1/1/2023 - 31/12/2023 Active Ingredient: Erythromycin Order Type: Normal	This has caused system unable to show correct result when search button is hit multiple times.		backend during searching function.	
9.	I-PhIS110681 324APP	Hospital Batu Gajah (A) (EXTD)	Report Enquiry	26/01/2024	Drug Usage By Patient - Patient record not appear	User reported she has generated report, but certain discharge transaction does not appear for that day. User claimed every day, there is patient discharge in facility and report should be generate in phis system. Details as below: Date: 23/1/2024 - 25/1/2024 Order Type: Normal Total report: 22 Report generates shows less than the correct report	Wrong query was applied at filter function for 'Order Date From/To' and 'Dispensing Date From/To' when involving cross month/year criteria.	Data patch to insert back the missing data to summary.	Amend query at filter function to gather cross month/year criteria.	16/02/2024
10.	I-PhIS110466	Klinik Kesihatan	Report	22/01/2024	Drug Usage by Patient - No	User reported dispense item to patient however	Wrong query was applied at filter function	Manually execute back	Amend query at filter function to	19/02/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	824APP	Bayan Lepas (A)	Enquiry		data - Cross month issue	when generate drug usage by patient no record appears. Details as below: Order date from - Order date to: 21/11/23 - 21/1/24. Dispensing date from - to: 21/1/24 - 21/1/24 Drug Code: Methadone 5mg/ml Syrup. Order type: Normal	for 'Order Date From/To' and 'Dispensing Date From/To' when involving cross month/year criteria.	the report summary for 2023 and 2024.	gather cross month/year criteria.	

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_V2.6.3.10.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/scripts
2	Facility Application	iphis_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war
3	Facility Application	PhISService_v.2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war
4	Facility Application	PhISSchedulers_v.2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/jar
5	Facility Application	phis_Email_v2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/jar
6	Facility Application	phis_Cd_V2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/jar
7	Facility Application	phis_MyMaat_v2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/jar
9	Mobile Application	iphismobile_user_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war
10	Mobile Application	phisAPI_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war
11	Mobile Application	Ipadhosp-2.6.3.10.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/Mobile
12	HQ Script	PatchScripts2.6.3.10_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applic

No.	Items	Components	Path
			ations/PHIS_ReleaseV2.6.3.10/iwp/scripts
13	HQ Application	phishq_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/iwp/war
14	HQ Application	masterRelease_v2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/iwp/jar
15	HQ Application	epservice_V2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_V2.6.3.10.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war	Please rename the war file to PhISService.war then deploy.

Ste p	Items	File Name	Source Path	Action
4	Facility Application	PhISSchedulers_v.2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_v2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_V2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_v2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_ReleaseV2.6.3.10/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war	Rename iphismobile_user_v2.6.3.10.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/facility/war	Rename phisAPI_v2.6.3.10.war to phisAPI.war and deploy.
11	Mobile Application	Ipadhosp-2.6.3.10.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/	Rename ipadhosp-2.6.3.10.0b08.war to ipadhosp.war and deploy.

Ste p	Items	File Name	Source Path	Action
			Mobile	- Mobile Frontend: 2.6.3.10.0r18 - Mobile Backend: 2.6.3.10.0b08

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	PatchScripts2.6.3.10_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/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_v2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/iwp/war	Rename the war file from phishq_v2.6.3.10.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.10.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/iwp/jar	Rename the jar file from masterRelease_v2.6.3.10.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.3.10.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.10/iwp/war	Rename the war file from epservice_V2.6.3.10.war to epservice.war then deploy.