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

Release Note

For version 2.6.3.19

© 2011-2024 Pharmaniaga Logistics Sdn Bhd (PLSB)

Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	03/12/2024	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

TABLE OF CONTENT

1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.6.3.19
Client Name	:	Ministry of Health
Release ID	:	RL24/023
Release Date	:	03/12/2024

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 2.6.3.19.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS125628 624APP	Pejabat Kesihatan Daerah Seberang Perai Tengah (A)	Pharmacy Inventory	07/11/2024	Penalty Verification (Hospital and PKD) - Missing amount value	Ms Siva reported that for following penalty transaction, KK actually received the items on 26/09/2024. However, the amended Received Date is somehow changed to 25/09/2024. User then changed the amended Received Date to 26/09/2024 but the Penalty Amount is now incorrect. PE21-07030036-24900491 belongs to KK Seberang Jaya LPO No: CO24 422366 Actual Penalty Amount: RM146.54	Wrong formula was applied to calculate 'Penalty Amount' value for PS1 inside Penalty Verification screen if 'Minimum Payment' value is zero.	N/A	Implement correct formula to calculate 'Penalty Amount' value for PS1 inside Penalty Verification screen if 'Minimum Payment' value is zero.	28/11/2024
2.	I-PhIS100431 323APP	Hospital Sultanah Nora Ismail (B) (EXTD)	Pharmacy Inventory	07/08/2023	Penalty - Verification (PS21): Penalty Amount 0	Miss Yap reported penalty amount appear 0 during penalty verification. User need key in manually. PS21 ---------------------- Updated	Wrong formula was applied to calculate 'Penalty Amount' value for PS21 inside Penalty Verification screen if 'Minimum Payment' value is zero.	N/A	Implement correct formula to calculate 'Penalty Amount' value for PS21 inside Penalty Verification screen if 'Minimum Payment' value is zero.	27/11/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						CO230000000375849 CO230000000373185				
3.	I-PhIS124413 124APP	Pejabat Kesihatan Daerah Jasin (A)	Pharmacy Inventory	16/10/2024	IWP Penalty-Incident - Penalty Amount (RM) calculated wrongly (Amended Receiving Date and Time)	Emel: Terdapat ralat pada pengiraan penalti appl untuk lpo CO240000000492661 apabila saya ingin menukar tarikh penerimaan yang betul (Amended Receiving Date and Time). Saya lampirkan gambar berkaitan. LPO: CO240000000492661 Incident Transaction No.: PE21-04020028-24900358 Tarikh terima sebenar: 25.9.2024 Hari lewat: 5 hari Nilai penalti sebenar: RM15.25	Wrong formula was applied to calculate the 'Penalty Amount' for PS1 if 'Amended Receiving Date and Time' value is modified. Previously, system was wrongly applying 0.15% instead of 1.5% as 'Penalty Percentage' to calculate 'Penalty Amount' value.	N/A	Implement correct formula to calculate 'Penalty Amount' value for PS1 if the 'Amended Receiving Date and Time' value is modified.	21/10/2024
4.	I-PhIS124895 224APP	Klinik Kesihatan Telupid (B) - INT	Pharmacy Inventory	24/10/2024	IWP Penalty PS21 - Error when printing Senarai Semak report	En Luqman reported that unable to click on 'Print Senarai Semak' for following penalty transaction due to pop up error appears.	System was unable to retrieve contract number and revision number information during printing Senarai Semak report.	N/A	Apply correct condition to retrieve contract number and revision number information during	18/11/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						PS21 KK Telupid PE21-12020120-241001508 PE21-12020120-241001499			printing Senarai Semak report.	
5.	I-PhIS125685324APP	Hospital Seri Manjung (A)	Pharmacy Inventory	08/11/2024	Inter Facility (Received) - Unable to approve record - Duplicate record found	Ms Lee reported unable to approve indent due to popup appear "duplicate record found". Affected to all indent, below are for example. External indent no: R24000419 Indent no: R2408FPL_FILL-0009240 From KK Lekir	Issue with the wrong checking on indent number during indent approval. System was unable to proceed with approval if same indent number already available from different facility. Suppose system should allow to proceed with approval process even with same indent number provided record is coming from different facility.	N/A	Amend condition to remove checking on record with same indent number for different facility during approval function.	12/11/2024
6.	I-PhIS125505424APP	Klinik Kesihatan Padang Besar (A) - INT	Pharmacy Inventory	05/11/2024	Unable to access PhIS - Keep repeating Full GC - [Store Verification (Search Items) - Processing & PhIS Down]	User reported unable to access PhIS IP and FQDN due to page blank after. Login page does not appear. Power server - cloud Network connection (MyGovNet) - Yes	Issue with big query running for search item function at backend and this has impacted to server resources and system performance.	N/A	Modify code to set default filter for 'Stock Available' field from 'All' to 'With Stock' to reduce the query timing.	12/11/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
7.	I-PhIS094181423APP	Hospital Bera (B) - INT	Order Management	27/04/2023	Patient Registration - Unable to search patient and visit not flow from HIS to PhIS	Pn Rosda reported unable to order medication due to message "Patient do not has visit". Unit: Kecemasan Patient: Muhammad Aliff Zaquan bin Mohd Razni IC:08072210XXXX User informed had manually register patient in PHIS. Please refer attachment.	Error happens due to 'DAC Code' length limit, which only stores maximum of 30 characters. The' DAC Code' for affected patient was having 31 characters, which is exceeding column length. Issue is fixed by extending character length for 'DAC code' column to 40 characters.	Data patch script to extend character length for 'DAC Code' column to 40 characters.	Extend character length for 'DAC Code' column from 30 to 40 characters.	11/11/2024
8.	I-PhIS123620624APP	Hospital Raja Permaisuri Bainun (A) - INT	Order Management	02/10/2024	Quota Drug List - Cannot proceed with Re-order function	Puan Anis request advise on situation below: Dapagliflozin 10 mg Film-Coated Tablet User inactivates drug from quota drug list, got around 1k+ patient previously registered under quota drug list for the drug. User just add the drug inside drug orderable by discipline User need confirmation doctor does not include	Incorrect validation was applied whereby system will not allow re-order function if drug is no longer available in Quota Drug List. Suppose system should allow user to proceed with re-order function even though drug is no longer under Quota Drug List.	N/A	Remove validation during re-order function for drug that is no longer under Quota Drug List.	11/10/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						in the discipline can or cannot using REORDER in medication profile for patient that already ON the medication previously. user don't have any sample patient/doctor. -----------------updated Puan Anis need confirmation can same drug add in both quota drug list and drug orderable by discipline				
9.	I-PhIS126252824APP	Hospital Raja Permaisuri Bainun (A) - INT	Medication Counseling	18/11/2024	Medication Counselling Reporting - No response when click print button - patient have diagnosis	User reported he unable to direct print or print preview due to system does not respond. User claimed it happened to all patients. As per confirmed by user, no issue to print label sticker in dispensing screen. Details as below: Example of MRN No: HRPB208945	Issue happens due to system was unable to retrieve full patient diagnosis information during clicking on Print button.	Release class file for affected module.	Amend code to fully retrieve patient diagnosis information during clicking on Print button.	25/11/2024
10.	I-PhIS094831023APP	Bahagian Pengurusan Maklumat (BPM)	IWP	08/05/2023	Allergy Registry Report (IWP) - Wrong value at	Received email from Pn Nur Khadija: - Dear Helpdesk,	Missing query to cover Institute flag condition. Previously record was only covered if Institute flag = N value. Suppose	N/A	Add condition in query to cover record for Institute flag = null.	25/03/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					column JKN/Institute	We notice that the data in the JKN/Institute column for Allergy Registry is using the facility name instead of JKN/institute.	query should also cover if Institute flag = null.			

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_V2.6.3.19.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/scripts
2	Facility Script	PatchScripts_PhIS_V2.6.3.19_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/scripts
3	Facility Script	PFSummary_table_Create_Scripts_V2.6.3.19.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/scripts
4	Facility Script	PFSummary_StoreProcedure_Scripts_V2.6.3.19.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/scripts
5	Facility Application	iphis_v2.6.3.19.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/war
6	Facility Application	pfreports_V2.6.3.19.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/jar
7	HQ Script	PatchScripts2.6.3.19_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/scripts
8	HQ Application	phishq_v2.6.3.19.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/war
9	HQ Application	epservice_V2.6.3.19.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/war
10	HQ Application	DacRegistryScheduler_V2.6.3.19.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/jar

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_V2.6.3.19.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/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. For _Functions.txt, please ensure execute one by one blocks.
2	Facility Script	PatchScripts_PhIS_V2.6.3.19_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/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. For _Functions.txt, please ensure execute one by one blocks.
3	Facility Script	PFSummary_table_Create_Scripts_V2.6.3.19.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/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. For _Functions.txt, please ensure execute one by one blocks.

Ste p	Items	File Name	Source Path	Action
4	Facility Script	PFSummary_StoreProcedure_Scripts_V2.6.3.19.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/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. For _Functions.txt, please ensure execute one by one blocks.
5	Facility Application	iphis_v2.6.3.19.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/war	Please rename the war file to iphis.war then deploy.
6	Facility Application	pfreports_V2.6.3.19.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to pfreports.jar. Then restart crontab.
7	Version number update	psql -U ihisblank -d phisprod -c "UPDATE ph_facility_details SET fc_i_app_version='V2.6.3.19', updated_date=Now();"	N/A	Update facility version number in database.

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	PatchScripts2.6.3.19_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/scripts	Please ensure all the scripts are executed before phishq.war is deployed. Please ensure the script is executed in sequence. Script files highlight and execute. For _Functions.txt, please ensure execute one by one blocks.
2	HQ Application	phishq_v2.6.3.19.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/war	Rename the war file from phishq_V2.6.3.19.war to phishq.war then deploy.
3	HQ Application	epservice_V2.6.3.19.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/war	Rename the war file from epservice_V2.6.3.19.war to epservice.war then deploy.
4	HQ Application	DacRegistryScheduler_V2.6.3.19.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.19/iwp/jar	Rename DacRegistryScheduler_V2.6.3.19.jar into DacRegistryScheduler.jar and copy this jar file into /home/phisesb/phisjars folder in REPOSITORY SERVER.