



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

Release Note

For version 2.6.2.1

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Revision History

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1.0	11/05/2023	Mohd Hilmi Mohamad	Zainura Said	First Version

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Peer Review

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TABLE OF CONTENT

1 INTRODUCTION 1

1.1 PROJECT INFORMATION 1

1.2 OBJECTIVES..... 1

2 PURPOSE 2

3 SUMMARY – REFINEMENT AND DEFECT LIST 3

3.1 REFINEMENT LIST 3

3.2 RESOLVED DEFECT LIST..... 4

4 REFINEMENT LIST – DETAIL CHANGES..... 9

5 DEPLOYMENT - PROCEDURES 10

5.1 LIST OF ITEMS TO BE DEPLOYED 10

5.2 BACKUP PROCEDURE BEFORE DEPLOY..... 11

5.2.1 *Backup Procedure* 11

5.3 DEPLOYMENT/INSTALLATION GUIDELINES..... 11

5.3.1 *Deployment at Facility* 11

5.3.2 *Deployment at HQ - IWP*..... 13



1 Introduction

1.1 Project Information

Project ID	:	PHIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.6.2.1
Client Name	:	Ministry of Health
Release ID	:	RL23/009
Release Date	:	11/05/2023

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 2.6.2.1.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS092443823A PP	Klinik Kesihatan Taman Universiti (A)	Pharmacy Inventory	27/03/2023	Indent Intra (Sent) - Error admin when open transaction - Indent quantity more than 10 char	User reported an error has occurred, please contact your system administrator appear when user insert the quantity and save the transaction. User claimed indent number is appear, but user can't open back the transaction details. Details as below: Indent No: K23000216 Status: Open	Previously there was no validation is applied in system if user enter indent quantity value more than 10 characters	19/04/2023
2.	I-PhIS093751523A PP	Hospital Miri (A)	Pharmacy Inventory	19/04/2023	Indent (Intra Facility) - Not able approve Non Drug item - Error Contact Admin	User reported appear error please contact system admin when user try to approve indent non drug. User informs no error when user approve for drug indent. Indent No: K23004978 Location: Ward 5	Incorrect method was applied whereby system is passing wrong parameter value in query during approval function for non drug item	19/04/2023
3.	I-PhIS093755223A PP	Hospital Miri (A)	Pharmacy Inventory	19/04/2023	Penalty Management - Tasklist appear at others unit than level 1	Email from user: I found that multiple level 2 users receive penalty management task in their task list. Below are some of the users affected: 86022852XXXX 65110808XXXX 85022613XXXX	Previously system was not checking requester unit value for penalty transaction and causing transaction is also displayed at other's unit tasklist.	20/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
4.	I- PHIS090001823A PP	Hospital Sultan Ismail Petra Kuala Krai (A)	Pharmacy Inventory	13/02/2023	Penalty PS21 - Error admin when send for approval (Minimum Payment)	Pn Nik Nur Yasmin reported unable to approve penalty. Error 'please contact admin' after click on 'send for approval' button. Penalty transaction no.: PE11- 03050015-23200776 Status: Open User id: 90072803XXXX	Minimum Payment field was wrongly stored as null value inside backend table, and this has caused system unable to initiate the penalty integration. Supposed the default value should be based on the setup at Contract HQ or RM0.00 if there is no value is set	30/03/2023
5.	I- PHIS094863323A PP	Bahagian Pengurusan Maklumat (BPM)	Pharmacy Inventory	09/05/2023	IWP - Contract HQ - Unable to create existing contract with new Revision No - Cancel/Reject Status	Received email from Ms. Koh Chen Ming: Kindly follow up for report no: 21024390C where helpdesk offered the solution of using the Reject button prior to approval after amendment to contract was made. After amendment of a contract, there is only Cancel Request button appear on my interface. Kindly refer attachment. There is an amendment (Revision No. 9) that was made to contract KKM-133/2022/F(U) (Piperacillin 4G & Tazobactam 0.5G Injection). Prior to approval by another person, I used the "Cancel Request" button function to cancel the amendment as it was not needed anymore.	Previously contract record with Rejected and Cancel status were not included in bandbox query	10/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						However, the contract then was not accessible later on. Supposedly, this Cancel Request button serves to cancel the Revision No 9 and not the whole contract. Upon checking Revision No 8 on the same contract, I also noticed that the information for lead delivery period and penalty cancelled out too. Kindly refer attachment 2		
6.	I- PHIS093695623A PP	Klinik Kesihatan Bandar Maharani (A)	Order Management	18/04/2023	Drug Label - Patient ID no not masking when Direct Print	Puan Azwin reported after deploying new version 2.6.2, drug label displays all digit IC number. Previous version drug label only displays last 4 digit. Happen for all patients. User informed they read the release note, suppose no changes on IC number display in drug label. Example: 36011001XXXX Leow Choon Tee	Patient ID masking was not implemented in drug label during direct printing function	18/04/2023
7.	I- PHIS094061423A PP	Hospital Miri (A)	Order Management	25/04/2023	Medication Profile - TDM Drug shows no record found and window display split	Received email from Ms. Wong Date: 25 April 2023 Issue: Unable to view complete medication profile for the patient mentioned below after clicking on the button "all medication". Kindly refer to photos attached. Name: Thomas Anak Igoh MRN: HMIRI00128445	Searching function by TDM Drug was not correctly implemented inside Medication Profile	08/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						Unit: Clinical Pharmacy Contact: 085-420033 ext 253		
8.	I- PhIS094433323A PP	Hospital Dutchess of Kent (A)	Order Management	02/05/2023	Medication Profile - Previous Medication sequence issue	User reported patient record does not follow on the latest date accordingly. User claimed it is difficult to find the patient record due to all the record is mix and not list by latest date. Details as below: Record Prescription > Transcribe Order > Medication History IC No: 31010312XXXX	Missing implementation to sort drug based on correct sequence inside previous medication section in Medication Profile screen	05/05/2023
9.	I- PhIS094826623A PP	Klinik Kesihatan Bandar Maharani (A)	Order Management	08/05/2023	Medication Profile - Taper Drug with Fully Dispensed status shows missing	En Farhan reported data do not appear in intervention report. User did intervention at record prescription during transcribe order today for patient below. In intervention report user filter by date from-to (8/5/23). User also noticed, in medication profile only appear 1 drug instead of 2. MRN: KKE01003200155662 - MOHD RIZUAN MOHD NOR Prescription no.: OUTPATIENT0000708423	Wrong implementation in medication profile whereby system did not display the tapered drug when drug status is in Fully Dispensed status	09/05/2023
10.	I- PhIS094036923A PP	Bahagian Perkhidmatan Farmasi (HQ)	Report Enquiry	25/04/2023	IWP - Complete Registration Report - Unable to Export to Excel	Email from user: Merujuk perkara di atas, percubaan untuk mengeksport laporan daripada bahagian "Complete	Backend connection was wrongly closed during exporting to excel and this has caused system cannot	08/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						Registration" ke dalam format excel tidak dapat diteruskan kerana "page failed to load". Sila rujuk pada lampiran	transmit data and generate the report in excel	



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_V2.6.2.1.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/scripts
2	Facility Application	iphis_v2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war
3	Facility Application	PhISService_v.2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war
4	Facility Application	PhISSchedulers_v.2.6.2.1.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/jar
5	Facility Application	phis_Email_v2.6.2.1.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/jar
6	Facility Application	phis_Cd_V2.6.2.1.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/jar
7	Facility Application	phis_MyMaat_v2.6.2.1.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/jar
9	Mobile Application	iphismobile_user_v2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war
10	Mobile Application	phisAPI_v2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war
11	Mobile Application	lpadhosp-2.6.2.1.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/Mobile
12	HQ Script	PatchScripts2.6.2.1_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/iwp/war
14	HQ Application	masterRelease_v2.6.2.1.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/iwp/jar
15	HQ Application	epservice_V2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/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_V2.6.2.1.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/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_v2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.2.1.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.2.1.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_ReleaseV2.6.2.1/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.2.1.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/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_V2.6.2.1.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/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_v2.6.2.1.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/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_ReleaseV2.6.2.1/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.2.1.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war	Rename iphismobile_user_v2.6.2.1.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.2.1.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/facility/war	Rename phisAPI_v2.6.2.1.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.2.1.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/Mobile	Rename ipadhosp-2.6.2.1.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.2.1.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.2.1.0b08

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	PatchScripts2.6.2.1_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/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_v2.6.2.1.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/iwp/war	Rename the war file from phishq_v2.6.2.1.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.2.1.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/iwp/jar	Rename the jar file from masterRelease_v2.6.2.1.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.2.1.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.2.1/iwp/war	Rename the war file from epservice_V2.6.2.1.war to epservice.war then deploy.