



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

Release Note

For version 2.6.1.4

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1.0	20/10/2022	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	:	2.6.1.4
Client Name	:	Ministry of Health
Release ID	:	RL22/016
Release Date	:	20/10/2022

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 2.6.1.4.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS075190922A PP	Klinik Kesihatan Kulai Besar (A)	Outpatient Pharmacy	19/04/2022	Screening and verification - Appear double dose- Alternate Split Dose	En Chan reported, at screening and verification, reported patient appear double dose. Also appear double at label when user click print preview KKE01006300086849 Patient name: Giriteharan drug: insulin regular / isophane Presc/Rx: kaunter0000047377 - have split dose	Wrong implementation on alternate split dose function for multiple batches whereby dose will become double after auto allocation	18/10/2022
2.	I-PhIS079620822A PP	Klinik Kesihatan UTC Melaka (B)	Outpatient Pharmacy	03/08/2022	Slow Processing Exceed Benchmark - Patient Banner Loading	Puan Farah reported PhIS slow processing when user did dispensing transaction. Processing from 10:20 am until now. Please refer video from user.	There was a repeated connection timeout at system when the vital sign service at patient banner tries to initiate integrate point. This repeated connection timeout has caused slowness issue at system	13/10/2022
3.	I-PhIS077612022A PP	Hospital Tawau (A) (PSV)	Pharmacy Inventory	21/06/2022	Receive From Supplier - Unable to proceed with receiving - Others/Purchase Order (Receive type)	Puan Syafiqah requests advise on wrong receive transaction Purchase Order: PO22000176 Receive No: P220000298 User wrongly proceed receive manual.	Wrong validation was applied when do receiving for record with Receive Type = Replacement and Others/Gift. System was wrongly considering Pending Receive Quantity during Receive Quantity calculation, and this has	26/08/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						User inform cannot fully receive for PO due to LPO & DO details already proceed thru manual. User concern about payment and need advice on this issue	caused wrong alert message to be displayed	
4.	I-PhIS081741922S	Klinik Kesihatan Taiping (A)	Pharmacy Inventory	07/03/2022	Receive From Supplier (contract) - item does not tick at checkbox	Reported by user, for reported LPO user already fully received all item. Supposedly all item has been ticked at checkbox to be received. but when recheck, during generate the KEWPS 1, few items do not appear. While checking items that do not appear, the checkbox was not ticked. user request for checking as previously no issue regarding this. Received number: P22000237	Issue happened due to system did not consider the checkbox selection during approval of Receiving. Instead, system will do approval for all items in 'Receiving' record even the record is not selected. This has caused wrong stock movement in Item Movement screen	29/03/2022
5.	I-PhIS079191022A PP	Klinik Kesihatan Seksyen 7 Shah Alam (A)	Pharmacy Inventory	25/07/2022	Receive From Supplier (APPL) - Item checkbox is unticked after click Reject	Pn Tee reported transaction not updated in item movement after receiving Receive No.: P220000644 Item Code: 02.1403.05	Issue happened due to checkbox was wrongly unselected after clicking on Reject button and then proceed with approval function for record with Receive Against = 'APPL Online' and Receive Type = 'Purchase Order'. This has caused Received Quantity is updated but without receiving details. There is also no stock movement updated in Item Movement screen	27/09/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
6.	I- PHIS082072222S	Pejabat Kesihatan Daerah Seberang Perai Utara (B)	Pharmacy Inventory	15/04/2022	Receive From Supplier (UOM = SKU) - Unable to save if PKU is below than 1	En Izzat reported that unable to proceed receiving for Return No: T220000006 due to: Since Return was made in loose pack (SKU), user would like to receive in SKU as well. 1. Receive Type: Replacement - user is not able to select UOM as SKU. 2. Receive Type: Others - not able to save due to pop up error.	Validation was not properly handled when user select UOM = SKU during save function. System was still checking on PKU quantity where the value must be more than 1.	09/05/2022
7.	I- PHIS080356321S	Hospital Besut (A)	Pharmacy Inventory	08/12/2021	Receive From Supplier (Replacement) - DO not appear - Receiving type = Others	Puan Hanim reported DO not appear during Receive From Supplier (Replacement) Return No: T210000031 DO No: 560293333	No validation was applied at Receiving screen when user enter same LPO number that have been used at Purchase Order screen for record with Receive Type = Others/Gift	08/04/2022
8.	I- PHIS081451022S	Klinik Kesihatan Gemas (B)	Pharmacy Inventory	31/01/2022	RIQ Intra facility - Unable to find transaction - Lazy issue	Pn Wani reported that unable to find following transaction in RIQ screen for user to proceed with issuing. Indent No: K22000102 from Lab Pathology to Logistik	Issue happens due to system was unable to retrieve indent record from backend thus online indent details was not created and unable to proceed with RIQ.	18/03/2022
9.	I- PHIS082360322A PP	Klinik Kesihatan Sri Gading (B)	Report Enquiry	02/10/2022	PF 5.5(b) - No data generated - Cardiovascular Care Bundle	Ms Soh reported no data appear when she generates PF5.5(b) report for September 2022.	There was spelling mistake in query to get the values under Cardiovascular Care Bundle (CCB) column	14/10/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
10.	I-PhIS082602822A PP	Hospital Pakar Sultanah Fatimah (A) (PSV)	Report Enquiry	06/10/2022	PF 5.3(c) - Missing value for All Month record	Ms Wong reported report pf5.3c shows no record found from January - September. User tried by per month also shows no record found. Informed by user there is record for each month.	Staging table script and sequence were missing from the release script	14/10/2022



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_V2.6.1.4.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/scripts
2	Facility Application	iphis_v2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war
3	Facility Application	PhISService_v.2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war
4	Facility Application	PhISSchedulers_v.2.6.1.4.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/jar
5	Facility Application	phis_Email_v2.6.1.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/jar
6	Facility Application	phis_Cd_V2.6.1.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/jar
7	Facility Application	phis_MyMaat_v2.6.1.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/jar
9	Mobile Application	iphismobile_user_v2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war
10	Mobile Application	phisAPI_v2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war
11	Mobile Application	lpadhosp-2.6.1.4.0b08.war	https://10.1.1.57:5522/svn/PhISWorkspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/Mobile
12	HQ Script	PatchScripts2.6.1.4_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/iwp/scripts



No.	Items	Components	Path
13	HQ Application	phishq_v2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/iwp/war
14	HQ Application	masterRelease_v2.6.1.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/iwp/jar
15	HQ Application	epservice_V2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/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_V2.6.1.4.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/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_v2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.1.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.1.4.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_ReleaseV2.6.1.4/facility/jar	rs/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.1.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/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_V2.6.1.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/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_v2.6.1.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/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_ReleaseV2.6.1.4/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.1.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war	Rename iphismobile_user_v2.6.1.4.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.1.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/facility/war	Rename phisAPI_v2.6.1.4.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.1.4.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/Mobile	Rename ipadhosp-2.6.1.4.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.1.4.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.1.4.0b08

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	PatchScripts2.6.1.4_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/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_v2.6.1.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/iwp/war	Rename the war file from phishq_v2.6.1.4.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.1.4.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/iwp/jar	Rename the jar file from masterRelease_v2.6.1.4.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.1.4.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.4/iwp/war	Rename the war file from epservice_V2.6.1.4.war to epservice.war then deploy.