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

Release Note

For version 2.6.3.4

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	10/10/2023	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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		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	:	2.6.3.4
Client Name	:	Ministry of Health
Release ID	:	RL23/019
Release Date	:	10/10/2023

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 2.6.3.4.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS096550923APP	Hospital Changkat Melintang (A)	Pharmacy Inventory	06/07/2023	Purchase Order - Issue with payment status	Pn. Shariza reported item still appear in Back Order report even though item has been proceeded as Payment with Credit Note. Details: - Item Code: 03.3609.05 Qty: 3 boxes LPO no: CO 199512 PO number: PO23000341	There was an issue with the trigger function for 'Purchase Order' backend table after finishing Payment transaction. As an example, 'Payment Status' at Purchase Order screen shall be displayed as 'Full Payment' instead of 'Open' once payment record is approved.	04/10/2023
2.	I-PhIS102808123APP	Hospital Miri (A)	Pharmacy Inventory	13/09/2023	RIQ Inter Facility/ RIQ Intra - Unable to save transaction - Indent Flag Lock	Email: Indent Record Missing As attached above, our PHIS experienced Bug while accepting a SPUB indent. The record was shown approved but was unable to proceed to the next stage, 'Issue'. Kindly solve this ASAP or provide necessary guidance.	Incorrect method was applied to handle concurrent user validation whereby the lock function for selected record was not properly released in backend after finishing the transaction.	05/10/2023
3.	I-PhIS103592223APP	Hospital Alor Gajah (A)	Pharmacy Inventory	26/09/2023	KEWPS 3 - No response when clicking on KEWPS 3/print button	Ms Lai reported unable to print kewps3 for item below due to not responding after click kewps3 button. Item code: D08AX01241L9901XX.02 Unit: galenikal & pukal	There was a query issue when printing KEWPS3 report if 'Stock Location' value for dedicated item is not configured. Suppose system should be able to print report even the 'Stock Location' value is not configured.	02/10/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
4.	I-PhIS099137323APP	Hospital Kuala Lumpur (A)	Outpatient Pharmacy	18/07/2023	Slow Processing Exceed Benchmark: - New indexes and Clustering	User reported PhIS system slow processing exceed benchmark. User claimed she need to wait more than 1 minutes to perform any transaction especially at clinical screen. User informed this issue happened since 10:30 AM at all phis pc. User tries to close the phis screen then login again, same issue happened. User not sure others unit have same issue or not.	Order and Dispensing are having huge volume of data to retrieve from confirm order to dispensing processes and have impacted to system performance. Indexing has been implemented to help in faster query results and quick data retrieval from the database.	25/09/2023
5.	I-PhIS101965223APP	Hospital Miri (A)	Outpatient Pharmacy	30/08/2023	Screening & verification OP - Missing Next Collection Date	Email: - Hi, Attached together are some screenshots of missing 'display' after the recent Phis update at Hosp Miri. As you can see from the attachment, when a patient presents with multiple Rx, it used to display the next collection date and we will know which one to attend too. After the latest update, why is this display being taken away??? Can this function be added back to aid/ smooth our screening process?	'Next Collection Date' calculation was wrongly performed when there are expired drugs in prescription.	05/10/2023
6.	I-PhIS103567323APP	Hospital Miri (A)	Outpatient Pharmacy	25/09/2023	Dispensing - Unable to dispense prescription with POMs drug	Ms Stephanie reported MRN374758-MEDC0002394629, appear a new error pops up but nothing can be done or unticked on our side here. Usually upon clicking POM, we do not allocate any quantity as the	Missing condition to handle Dispense function for partial dispensing prescription when POMS drug is in 'Dispensed' status.	27/09/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						patient is using own stock.		
7.	I-PhIS103599323APP	Hospital Pakar Sultanah Fatimah (A)	MAR	26/09/2023	MAR - CDR Drug does not appear	Puan Saleha reported that drug does not appear in medication chart (MAR). Happen to many prescriptions and for all user id doctors. Pharmacist able to view the drug. The issue happens around 10AM. MRN: 60346 Patient name: Ahmad Tajudin Drug: injection carbo platin MRN: 309838 Patient name: Tan Pai Hok	Incorrect method was applied in code whereby system unable to create MAR record for CDR drug if the drug is modified before confirming order.	29/09/2023
8.	I-PhIS102493223APP	Bahagian Perkhidmatan Farmasi (HQ)	Special Approve Medicine	09/07/2023	IWP Special Approval Medicine - Print Permit – Drug Name	En Tan Lit Yong melaporkan: Jenis Permit Import: Semua (Standard/ Lot Release/Psychotropic drug/ Dangerous Drug) 1.Tajuk permit import bagi semua template – perlu membuang spacing (YANG MENGANCAM NYAWA (No. Siri: C2171/2022)) -Rujuk user attachment. 2.Bagi pengisian nama ubat, nama pemohon dan nama hospital/institusi, ruang untuk pengisian data-data tersebut perlulah mencukupi bagi	Cosmetic and design issue at Permit reports. Previously, system can only print drug name up to 60 characters. System is modified by allowing to display up to maximum characters (156 characters) that fits for drug name field in permit report format).	04/10/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						memastikan data-data tersebut tidak terpotong. Sekiranya terdapat had bagi kemasukan data-data ini, mohon nyatakan had tersebut.- Rujuk user attachment.		
9.	I-PhIS102476723APP	Hospital Sultanah Aminah (A)	Report Enquiry	09/07/2023	PF5.3(d) - No data generated	User reported when generate report PF, no data generated. Month: ALL Farmasi Klinik Pakar Jabatan Farmasi	Wrong table name was defined in code to insert data into backend staging table and this has caused no data can be retrieved from the report.	04/10/2023
10.	I-PhIS103970223APP	Hospital Dutchess of Kent (A)	Report Enquiry	10/02/2023	Extemporaneous Registry - Missing data in column cause record does not appear when print report - Extemp expiry date blank	Mr Elly reported no data appear for last week of September (25/9/23 - 29/9/23) when user print preview report extemporaneous registry for September 2023. Unit: Farmasi Klinik Pakar	Incorrect condition was applied in scheduler function whereby Extemporaneous data cannot be fully retrieved into report staging table when 'Expire Date' value is null.	05/10/2023

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_V2.6.3.4.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/scripts
2	Facility Application	iphis_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war
3	Facility Application	PhISService_v.2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war
4	Facility Application	PhISSchedulers_v.2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/jar
5	Facility Application	phis_Email_v2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/jar
6	Facility Application	phis_Cd_V2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/jar
7	Facility Application	phis_MyMaat_v2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/jar
9	Mobile Application	iphismobile_user_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war
10	Mobile Application	phisAPI_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war
11	Mobile Application	Ipadhosp-2.6.3.4.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/Mobile
12	HQ Script	PatchScripts2.6.3.4_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/iwp/scripts
13	HQ Application	phishq_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applic

No.	Items	Components	Path
			ations/PHIS_ReleaseV2.6.3.4/iwp/war
14	HQ Application	masterRelease_v2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/iwp/jar
15	HQ Application	epservice_V2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/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_V2.6.3.4.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/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_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/fa	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and

Step	Items	File Name	Source Path	Action
			cility/jar	rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/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_V2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/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_v2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/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_ReleaseV2.6.3.4/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war	Rename iphismobile_user_v2.6.3.4.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/facility/war	Rename phisAPI_v2.6.3.4.war to phisAPI.war and deploy.
11	Mobile Application	Ipadhosp-2.6.3.4.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/Mobile	Rename ipadhosp-2.6.3.4.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.3.4.0r18 - Mobile Backend: 2.6.3.4.0b08

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	PatchScripts2.6.3.4_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/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_v2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/iwp/war	Rename the war file from phishq_v2.6.3.4.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.4.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/iwp/jar	Rename the jar file from masterRelease_v2.6.3.4.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.3.4.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.4/iwp/war	Rename the war file from epservice_V2.6.3.4.war to epservice.war then deploy.