



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

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## **Release Note**

**For version 2.5.3.7**

<p><b>Version : 1.0</b> <b>Document ID : PhIS_CPS/ReleaseNote/Refinement/15082022</b></p>
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## Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	15/08/2022	Mohd Hilmi Mohamad	Zainura Said	First Version

### Verified and Acknowledged by:

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### 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**

1.1 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..... 8**

**5 DEPLOYMENT - PROCEDURES..... 9**

5.1 LIST OF ITEMS TO BE DEPLOYED ..... 9

5.2 BACKUP PROCEDURE BEFORE DEPLOY..... 10

5.2.1 *Backup Procedure* ..... 10

5.3 DEPLOYMENT/INSTALLATION GUIDELINES..... 10

5.3.1 *Deployment at Facility* ..... 10

5.3.2 *Deployment at HQ - IWP*..... 12



## 1 Introduction

### 1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.5.3.7
Client Name	:	Ministry of Health
Release ID	:	RL22/010
Release Date	:	15/08/2022

### 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 2.5.3.7.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I- PhIS081509222S	Klinik Kesihatan Pelabuhan Klang (A)	Pharmacy Inventory	09/02/2022	Return to supplying facility: Unable to approve transaction	Pn Masliza reported unable to approve transaction return to supplying facility. Popup "stock has been deducted, please re-allocate quantity". User checked stock still available  Return number: RE22000033 J04AM06000T1001XX.04	System was not comparing the balance quantity with correct value during approval function when there were 2 receiving stock records with same item and batch number	03/03/2022
2.	I- PhIS081008322S	Hospital Seri Manjung (A)	Report/Enquiry	04/01/2022	PN Registry - Incorrect Data	Pn Rohayu reported through email, 'PN Registry Dec 2021 included pesakit Jan 2022  For PF 6.5 extra data, include 2022 data.'	Wrong query was implemented for 'Date From' and 'Date To' search criteria whereby it was retrieved based on 'Created Date' value. Suppose those 'Date From' and 'Date To' search criteria should be based on 'Dispensed Date' value	17/03/2022
3.	I- PhIS080984522S	Pejabat Farmasi Bahagian Sri Aman (B) (PSV)	Pharmacy Inventory	04/01/2022	Recalculate Buffer Level - Record still remain - Details not updated	Received email from user as below:  With reference to above (Refer attachment), please rectify the issue. Buffer level does not overwrite even though the pop up message says "overwrite successfully."	Checkbox function by paging level was not correctly implemented in screen when do overwrite function and this has caused system unable to save the selected record	17/01/2022
4.	I-	Klinik Kesihatan	Pharmacy	04/01/2022	Purchase order RPL	Purchase order contract – Unable to	System was not checking	24/01/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
	PhIS081014322S	Kuala Berang (B)	Inventory		(Contract) - Appear message contract expired	proceed order due to appear message contract expired. RPL NO: RP22000002	on active status if contract number is having more than 1 revision number record and causing system to display the wrong expired contract message when want to proceed order.	
5.	I- PhIS080989022S	Klinik Kesihatan Senawang (A) (TPCOHCIS)	Report/Enquiry	04/01/2022	Laporan Bulanan Inventori Ubat dan Bukan Ubat - Stok belum terima	Reported by Pn Hafizah, when she reviews for reported report, appear few transactions as Stok Belum Terima (RM) filter by 2021 from Jan - Dec. When check at PO screen filter by payment status = open, appear 41 transactions. She verifies that all transactions have been fully received and full payment. Hence, she requests for checking.	Wrong query was implemented for 'Stok Belum Terima' column whereby it was calculated based on 'Stok Permulaan (l)' – 'Sumber Perolehan Sendiri (m)'. Suppose 'Stok Belum Terima' column should be calculated based on 'Perbelanjaan Kemaskini (i)' - 'Sumber Perolehan Sendiri (m)'	02/03/2022
6.	I- PhIS081000322S	Pejabat Kesihatan Daerah Seberang Perai Tengah (B)	Pharmacy Inventory	04/01/2022	Issue online (KEWPS 7) - Nama Pemohon not appear in the issue note	Reported by Ms Ding that Nama Pemesan not appear in issue note. inform those certain transactions, the problem appears repeatedly. Issue note no: E02PS001-0006983	Design issue where there is no enough space to show 'Nama Pemesan' value in KEWPS7 report	28/01/2022
7.	I- PhIS080989922S	Hospital Alor Gajah (A)	Pharmacy Inventory	04/01/2022	Tasklist Request from non standard item to standard item: Details not display	User reported transaction in tasklist unable to approve or reject as detail in list missing Transaction No.: RS21000016 - RS21000030	Issue happened due to wrong condition to check financial year in code and this has caused error when user open previous year record	29/03/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
8.	I- PhIS081024522S	Pejabat Kesihatan Daerah Rompin (B)	IWP	05/01/2022	IWP Vote Code - Change status to Inactive	En Azmi reported popup appear "Error 500" when user click save after change vote code to inactive.	Wrong implementation of saving function whereby system was still checking on the same vote code that is in Inactive status when saving. Suppose if same vote code is exist, system should check based on the record that is in active status	20/01/2022
9.	I- PhIS081040822S	Hospital Dutchess of Kent (A) (PSV)	Pharmacy Inventory	06/01/2022	Issue Report - Issue with 0 quantity appear	User reported report in issue report not tally with manual report. User claimed in issue report, it shows report that shows 0 quantity for that batch. Kindly refer attachment for reference. Details as below: Date Range: 03/01/2022	Issue happened when there were multiple batches while doing issuing (RIQ/Issue Online), batches with zero quantity will also appear as completed issue transaction causing this zero-quantity record also appear in Issue Report	06/04/2022
10.	I- PhIS079356922A PP	Bahagian Perkhidmatan Farmasi (HQ)	Pharmacy Inventory	28/07/2022	Contract HQ (IWP) - Delete facility not function properly	Puan Nurmysara reported unable to delete contract Email: How to Delete Facility In Contract HQ After Send For Approval. Kindly watch the video as attached and what solution can you facilitate? To inform this contract had been sent for approval and it was not yet approved. There is an amendment that I need to do to the facility of Kelantan which is to delete the PKD initially added during contract creation in iwp. Hence i've	Wrong implementation of delete function whereby it will delete the top facility record at listing instead of selected facility	09/08/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						rejected it first so i can do the amendments needed as per your suggestion previously as screenshot below. However, after rejecting and proceeding the steps to delete the facilities needed, the issue as in the video happened.		
11.	I-PhIS080074722A PP	Klinik Kesihatan Tawau (A)	All Module	12/08/2022	Inquiry about PhIS system – KYM Icon	Received email from En Radin Fadzil, ICON KENALI UBAT ANDA APPEAR UPON LOGIN PHIS. 'DEAR PHIS HELP DESK, WHY DOES KENALI UBAT ANDA ICON APPEAR UPON LOGIN PHIS? DOES IT AFFECT PHIS? HOW MUCH RAM DOES IT TAKE?'	Issue happened due to wrong chat bot implementation at the backend code causing the unnecessary icon to be displayed when accessing PhIS through Google Chrome and Microsoft Edge browsers	15/08/2022



## 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_V2.5.3.7.txt	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/scripts">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/scripts</a>
2	Facility Application	iphis_v2.5.3.7.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war</a>
3	Facility Application	PHISService_v.2.5.3.7.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war</a>
4	Facility Application	PHISSchedulers_v.2.5.3.7.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar</a>
5	Facility Application	phis_Email_v2.5.3.7.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar</a>
6	Facility Application	phis_Cd_V2.5.3.7.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar</a>
7	Facility Application	phis_MyMaat_v2.5.3.7.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar</a>
8	Facility Application	phisIntegration.properties	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar</a>
9	Mobile Application	iphismobile_user_v2.5.3.7.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war</a>
10	Mobile Application	phisAPI_v2.5.3.7.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war</a>
11	Mobile Application	lpadhosp-2.5.3.7.0b08.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/Mobile">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/Mobile</a>
12	HQ Script	PatchScripts2.5.3.7_IWP.txt	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/scripts">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/scripts</a>
13	HQ Application	phishq_v2.5.3.7.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/war</a>



No.	Items	Components	Path
14	HQ Application	masterRelease_v2.5.3.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/jar
15	HQ Application	epservice_v2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/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_v2.5.3.7.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/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_v2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.5.3.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to



Step	Items	File Name	Source Path	Action
				PHISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.5.3.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility.jar	Backup jar file from /home/phis/b/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.5.3.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility.jar	Backup jar file from /home/phis/b/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.5.3.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility.jar	Backup jar file from /home/phis/b/phisjars/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phisIntegration.properties	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility.jar	/home/phis/b/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war	Rename iphismobile_user_v2.5.3.7.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/facility/war	Rename phisAPI_v2.5.3.7.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.5.3.7.0b08.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/Mobile	Rename ipadhosp-2.5.3.7.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.5.3.7.0r18 - Mobile Backend: 2.5.3.7.0b08



### 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	PatchScripts2.5.3.7_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/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_v2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/war	Rename the war file from phishq_v2.5.3.7.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.5.3.7.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/jar	Rename the jar file from masterRelease_v2.5.3.7.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.5.3.7.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.7/iwp/war	Rename the war file from epservice_V2.5.3.7.war to epservice.war then deploy.