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

Release Note

For version 2.6.3.11

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	04/03/2024	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

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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	:	2.6.3.11
Client Name	:	Ministry of Health
Release ID	:	RL24/006
Release Date	:	04/03/2024

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

The following are the refinement that included in PhIS v2.6.3.11:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R240001	General Module	Quota Drug List	1. To add function to update quota drug status from ACTIVE to INACTIVE. 2. Alert shall appear if there are patient listed under quota drug. Once quota drug is updated to inactive, patient name shall be updated as inactive as well.	I-PhIS10995 26 24APP	Hospital Tuanku Fauziah (A) (EXTD)	PhIS_CPS_Quick_Guide_2.6 .3.11_GEN_QUOTA_DRUG _LIST_v1.0
2.	R240002	Pharmacy Inventory	Penalty – PS1 & PS4	1. To count delivery due date from next day if user purchase order before 2pm. 2. To change current calculation percentage from 3 % to 1.5 % for PS 1. 3. To remove auto creation of PS4 when LPO No receive after due date. 4. To update Lampiran 9 and Lampiran 10 for PS1, PS2 and PS3 with new format.	I-PhIS11089 91 24APP	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6 .3.11_INV_PENALTY_v1.0

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.3.11.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS109227 024APP	Klinik Kesihatan Sungai Mati (B)	General Module	01/01/2024	Stock available show 0 after YEP	User reported stock available shows incorrect, 0 but user still have stock balance for this item. Details as below: Drug/Non Drug Code: A10AD05000P3001XX Unit Catalogue list Name: Kaunter Farmasi	Wrong condition was applied during YEP update at PKD. All drug status were wrongly updated as inactive if stock details are having any expired items that are more than 7 years.	Data patch to update drug status to Active.	Amend code to not change drug status if stock details are having any expired items that are more than 7 years.	11/01/2024
2.	I-PhIS110266 424APP	Klinik Kesihatan Kupang (A)	IWP	18/01/2024	Request Order Authorization - Unable to approve order - YEP	Ms Leong reported unable to approve order in IWP due to popup appear "insufficient budget for vote code:031501/990103/2 7401/03". Confirmed by user still have budget balance when check in budget balance by vote. vote code: 031501/990103/27401/ 03 PO No.: PO24000001	Previously system was not creating new current budget master data for Vote Code that is configured as 'Budget Carry Forward' flag = Yes. This has caused insufficient budget to do purchasing.	Data patch to update budget balance and budget movement based on new data created during YEP.	Update condition in code to create new current budget master data for Vote Code that is configured as 'Budget Carry Forward' flag = Yes.	20/02/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						PO24000002 PO24000003 PO24000004 PO24000005 PO24000006 PO24000007 PO24000008				
3.	I-PhIS109816 424APP	Pejabat Kesihatan Daerah Kinta (A)	IWP	10/01/2024	IWP - Request Order Authorization (APPL integration with eP): PKD Able save order blank eP Contract Number and not set default new contract	Ms Ding informs that upon user goes to Order Authorization, 1. eP Contract No by default will show nothing/blank. By clicking on the dropdown, the only option available is M42012101230001. User queries if it is possible for user to set M42012101230001 as default. 2. eP Indicator by default will select Expense. By clicking on the dropdown, there are 4 options available. User queries if it is possible for user to set Inventory as default. Kindly advise. User ID: 75081608XXXX	1. Missing implementation to show active 'eP Contract Number' as default value. 2. Missing validation to check on mandatory value for 'eP Contract No' during saving function.	N/A	1. Update code to set active 'eP Contract No' as default value. 2. Add validation on mandatory value for 'eP Contract No' field.	19/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
4.	I-PhIS110094724APP	Hospital Kuala Lumpur (A) (EXTD)	Pharmacy Inventory	15/01/2024	Purchase Order (LP) - Unable to purchase, Lampiran Q not display (purchase quantity more)	Menerima laporan daripada pengguna seperti berikut: Item sebutharga tiada rekod (Preservation and Protection Solution for Multiorgan Transplantation (1 Litre) Facility: Hospital Kuala Lumpur Location: Farmasi Logistik, Stor Nefrologi, Bangunan IUNB. User/ID: 84022211XXXX Email/ Tel no: mzuraidi@moh.gov.my / 019-6620XXX Date/Time: 15/01/2024. Module: Purchase Order Screen: Dilampirkan Issue: Sebutharga tiada rekod.	Issue with update function for 'Purchase Quantity' value. The value was wrongly increased during save, approve, eP approve, and eP reject functionalities.	Data patch to update 'Purchase Quantity' to correct value.	Amend code to not increase the 'Purchase Quantity' value during save, approve, eP approve, and eP reject functionalities.	30/01/2024
5.	I-PhIS105458623APP	Hospital Tawau (A) (EXTD)	Pharmacy Inventory	26/10/2023	Purchase Order (LP - Lampiran Q) - Unable to save item (Revise Lampiran Q)	Ms Lai reported, lampiran q number does not appear to user proceed with purchase. Order Type: Lampiran Q	Wrong validation was applied between 'Remaining Purchase Quantity' and 'Order Quantity' values during saving function in PO	N/A	Update correct validation between 'Remaining Purchase Quantity' and 'Order Quantity' values during saving	01/02/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Request Type: Supplementary Lampiran Q Number: QU23000010 User inform, she already proceeds with PO - 2116, but the quantity is incorrect and user unable to edit, due to this issue user want to create new PO and cancel this PO	screen.		function.	
6.	I-PhIS109685 524APP	Hospital Temenggong Seri Maharaja Tun Ibrahim (A) (EXTD)	Pharmacy Inventory	08/01/2024	Purchase Order (APPL integration with eP): Able save order blank eP Contract Number and not set default new contract	Encik Safwan reported noticed that eP contract number in screen AP purchase order was blank. User informed when create PO user did not select eP contact number as usually field auto filled in but user able to proceed until approved even though field is mandatory. Order number: PO24000001 until PO24000013	Missing validation on mandatory checking for 'eP Contract No' value during saving function.	Data patch to update status as 'eP Rejected' for reported PO No and execute scheduler at facility to pull 'eP Rejected' status from IWP.	Add validation to check on mandatory value for 'eP Contract No' during saving function.	23/01/2024
7.	I-PhIS110087	Hospital Kuala Lumpur (A)	Pharmacy Inventory	15/01/2024	Purchase order (LP) - Lampiran	Received email from user as below:	Query refinement to improve performance	N/A	Query refinement to improve	30/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	524APP	(EXTD)			Q slow processing	Long processing time in LP purchase order for Lampiran Q. This issue happened in Lampiran Q order ONLY but not APPL, Contract or Direct Purchase. - Click on Lampiran Q to wait for drop down list takes 1 - 2 minutes - After the drop down list appears, the searching item process takes another 2 minutes. - To change item search, take another 2-3 minutes. This long processing time has reduced staff work efficiency. And this issue has existed since last year 2023, never improving since then. Kindly flag two problems above urgently.	for Lampiran Q popup at Purchase Order (LP) screen.		performance for Lampiran Q popup at Purchase Order (LP) screen.	
8.	I-PhIS105953 923APP	Hospital Sibu (A) (EXTD)	Pharmacy Inventory	03/11/2023	Penalty (PS 1) - Penalty transaction not created	Ms. Connie reported for late delivery incident and wrong quantity incident not captured by	There was conversion issue at 'Recommended Penalty Amount' when system is converting a	N/A	Update correct conversion method for 'Recommended Penalty Amount'	29/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						phis. LPO involved are as below: 1. CO23-572914: PS4 IS NOT CAPTURED 2. CO23-516203: PS4 AND PS21 NOT CAPTURED Please refer to the attachment for details	string value to a numeric value for value that is RM 1000 and above. This has caused system unable to create PS1 record.		value.	
9.	I-PhIS110467 424APP	Hospital Sentosa (A) (EXTD)	Pharmacy Inventory	22/01/2024	Notification - No latest notification received	Miss Chai reported notification does not appear for 18 - 22.2.2024. Email: Since notifications cannot be received unless manual push is conducted by the PhIS team, then we have no choice but to close this ticket. - notifications for 16/1/2024 only appear after ticket opened on 16/1/2024 which is this ticket 241538815B - notifications for	Issue happens due to data volume at IWP whereby there are many facilities notification with the 'Open' status, and it has caused jobs hang and data are not able to be pushed to facilities. Synchronization method for notification has been updated to make sure system is able to cope with huge volume of notification data.	Implement manual push for notification record to reported facility.	Modify synchronization method to ensure that system able to handle transaction of huge volume of data.	01/03/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						17/1/2024 only appear after ticket opened on 17/1/2024 which is this ticket 241541246B

2. No more notifications were received after that (18 Jan 2024 onwards till today, 22 Jan 2024) because no ticket was opened for these dates.

3. We hope your team can solve this problem soonest and so that notifications can appear live on the PhIS homepage (as they should) and not pushed manually after receiving a ticket from the end user. | | | | |
| 10. | I-PhIS111006024APP | Pejabat Kesihatan Daerah Langkawi (C) | Pharmacy Inventory | 01/02/2024 | RIQ Inter - Indent become close after partial issue and tick close - concurrent user | Pn Wahida reported that for following indent, user did close for item Item Code: T1660550002.00 Mask, Surgical Disposable, 3 ply, Ear Loop and wants to issue for item G1250460023 Paper Cup, Disposable, 100ml. | Wrong condition was handled for drug status. When the drug status is in force closed, indent status was wrongly updated to closed even though have drugs with 'Partially Supplied' or 'Open' status. | Data patch to open back the indent record. | Amend code to update indent status based on the drug status. | 15/02/2024 |

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						However, user is not able to find this item in RIQ screen for user to issue. External Indent No: R24000042 KK Padang Matsirat				

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_V2.6.3.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/scripts
2	Facility Script	PatchScripts_PhIS_V2.6.3.11_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/scripts
3	Facility Script	PFSummary_StoreProcedure_Scripts_V2.6.3.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/scripts
4	Facility Application	iphis_v2.6.3.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/war
5	Facility Application	PhISSchedulers_v.2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar
6	Facility Application	pfreports_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar
7	Facility Application	phispfsummary_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar
8	Facility Application	PhISMessaging_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar
9	HQ Script	PatchScripts_IWP_V2.6.3.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/iwp/scripts
10	HQ Application	phishq_v2.6.3.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/iwp/war
11	HQ Application	PhISMessaging_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/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_V2.6.3.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/scripts	Please ensure all the scripts are executed before iphis.war is deployed. Please ensure the script is executed in sequence. Script files highlight and execute.
2	Facility Script	PatchScripts_PhIS_V2.6.3.11_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/scripts	For _Functions.txt, please ensure execute one by one blocks.
3	Facility Script	PFSummary_StoreProcedure_Scripts_V2.6.3.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/scripts	Please ensure all the scripts are executed, may execute after the above steps are completed (takes long time to execute). Please ensure the script is executed in sequence. Script files highlight and execute.
4	Facility Application	iphis_v2.6.3.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/war	Please rename the war file to iphis.war then deploy.
5	Facility Application	PhISSchedulers_v.2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.

Ste p	Items	File Name	Source Path	Action
				Then Restart crontab.
6	Facility Application	pfreports_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to pfreports.jar. Then Restart crontab.
7	Facility Application	phispfsummary_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phispfsummary.jar. Then Restart crontab.
8	Facility Application	PhISMessaging_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/facility/jar	Backup jar file from /home/phisesb/phisjars/FACqueue and copy downloaded jar and rename to PhISMessaging.jar

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	PatchScripts_IWP_V2.6.3.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/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.
2	HQ Application	phishq_v2.6.3.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/iwp/war	Rename the war file from phishq_V2.6.3.11.war to phishq.war then Deploy.
3	HQ Application	PhISMessaging_V2.6.3.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.11/iwp/jar	Rename the jar file from PhISMessaging_V2.6.3.11.jar to PhISMessaging.jar and replace the existing .jar in these 2 directories: 1. /home/phisesb/phisjars/IWPImagequeue 2. /home/phisesb/phisjars/IWPqueue