



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

Release Note

For version 2.4.1.1 (IWP)

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Revision History

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1.0	05/09/2021	Mohd Hilmi Mohamad	Zainura Said	First Version

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Peer Review

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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	:	2.4.1.1
Client Name	:	Ministry of Health
Release ID	:	RL21/017
Release Date	:	05/09/2021

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 2.4.1.1 (IWP):

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1	R210087	IWP	Return to Supplier – Return Date/Time	New request to send return date/time and return SKU to IWP & PIWP when user did return to supplier.	I-PhIS055665219S	Bahagian Perkhidmatan Farmasi (HQ)	Refer to #4.1



3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.4.1.1 (IWP):

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1	I-PhIS077534321S	Pejabat Kesihatan Daerah Hilir Perak (B)	Pharmacy Inventory	19/8/2021	Budget Adjustment – Send for Approval	User reported there was an error at Budget Adjustment screen at IWP when sending for approval	Validation on current balance component was wrongly handled	30/8/2021
2	I-PhIS077288721	Bahagian Perkhidmatan Farmasi (HQ)	Pharmacy Inventory	11/8/2021	Contract - Contract Code Not Flow	User reported through email, Contract no 'KKM-1/2021/(RT) PIND 2' is not yet flow	Issue happened due to there are missing information/column in Contract transaction and this have caused data not sync to facility	30/8/2021
3	I-PhIS077492321S	Pejabat Kesihatan Daerah Sabak Bernam (B)	IWP	18/8/2021	Virement – Approval Function	Puan Aishah reported got pop up message after click approve Info 7883-Votocode being process by another transaction. Virement: BT21010437	Issue happened due to synchronized block implementation in code whereby system will not allow user to continue to do transaction for same item until another user finished the transaction. This have also caused system to completely down after reaching the timeout	30/8/2021
4	I-PhIS077428421S	Hospital Alor Gajah (A)	IWP	17/8/2021	Item Master – Item Not Appear	User reported item not appear when user search in item master IWP. But confirmed by user, item exist in item master in PhIS system. Item code: T2090550001.02 N1360580044.00	Issue happened due to system was unable to get the user that create the item in database. In user profile, system was wrongly deleting the username in database and this have caused error at item master screen.	30/8/2021



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
							Suppose when deleting user, system should inactive the status instead of deleting in database	
5	I- PHIS077398821S	Hospital Simunjan (A)	Pharmacy Inventory	16/8/2021	Virement – Save Function	User reported she unable to save virement due to popup message "ERR 0097: transfer amount RM should be less than or equal to the current amount" appear. User claimed her balance is RM 858.30 and she want to transfer all the amount to others vote. Details as below: Vote code: 9901/00/27404/99	Decimal value component for Current Balance (RM) was not correctly implemented while checking due to that message was prompted	23/8/2021
6	I- PHIS077306421S	Klinik Kesihatan Berapit (A)	Pharmacy Inventory	11/8/2021	Purchase Order (Without eP Integration) - Status not Updated	User reported IWP had done EP approved but status in facility still pending for ep approval. Ep Approve date:9/8/2021 PO number:PO21000060	Duplicate LPO checking condition was not handled properly at Request Order Authorization screen and this have caused LPO details are not able to be updated to facility level.	19/8/2021
7	I- PHIS077465021S	Bahagian Perkhidmatan Farmasi (HQ)	Special Drug Request	18/8/2021	Special Approval Medicine – Missing Drug Name	User reported drug name is not appeared at Special Approval Medicine screen for IWP	Issue was happened due to drug code at Drug Master was allowed to put space value and impacted at Special Approval Medicine screen whereby system unable to view drug name. Suppose drug code should not allow to insert space value	1/9/2021
8	I- PHIS077687821S	Pejabat Kesihatan Daerah Jempol (B)	Pharmacy Inventory	25/8/2021	Budget Adjustment (IWP) - Filter by Facility	Pn Azian reported that she put one clinic name in budget adjustment. When she wants to search the LPO,	Issue happened due to selection of LPO No was	1/9/2021



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						it appears LPO for all facility instead of LPO for one clinic that user select in clinic name	not loading according to selected Clinic Name	
9	I-PhIS077558321S	PKD Gombak (Stor Integrasi Rawang) (B)	IWP	20/8/2021	Budget Adjustment (IWP) – Wrong Ministry Value	User was having problem at Budget Adjustment screen at IWP. She has allocated the budget using P4242 code but when do adjustment, code B4242 is displayed	Ministry/Department value was not set properly during selection of To Vote Code	30/8/2021
10	I-PhIS077622321S	Klinik Kesihatan Lahad Datu (A)	IWP	23/8/2021	Budget Adjustment (IWP) – Saving Function	Pn Tang reported, unable to proceed with adjustment due to when user save nothing appear. When user close the screen, no transaction created.	Exception was wrongly handled at backend during save function	30/8/2021
11	I-PhIS077629721S	Pejabat Kesihatan Daerah Timur Laut (B)	IWP	23/8/2021	Budget Adjustment (IWP) - Adjustment Transaction not Updated	Pn Alia reported that user did Budget Adjustment to LPO No: PO21 10534 - PKD Timur Laut to change Vote from 0807 to 1023 under Budget Adjustment No: BJ21000540 However, when user open the LPO No, it still describes that the LPO is under 0807.	LPO bandbox condition was not handled correctly when LPO No is already available at Budget adjustment	30/8/2021



4 Refinement List – Detail Changes

4.1 Return to Supplier – Return Date/Time

CR No	Module	Function	Description
R210087	IWP	Return to Supplier – Return Date/Time	New request to send return date/time and return SKU to IWP & PIWP when user did return to supplier.

Hospital:

IWP:

PO_HDR_SEQNO	PURCHASE_ORDER_NO	PURCHASE_ORDER_TYPE	FACILITY_CODE	ORDER_STATUS	LPO_NO	CREATED_DATE	UPDATED_DATE	RETURN_DATE_TIME
829676	T210000176	ROT	11-08080019	eP_APPROVED	CO000008068901	2021-09-02 11:55:45	2021-09-02 11:55:45	2021-09-02 11:54:51

PO_DTL_SEQNO	PO_HDR_SEQNO	ITEM_SEQNO	APPROVED_QTY	EP_APPROVED_QTY	RETURN_QTY_LOOSE_SKU	RETURN_SKU	CREATED_DATE	UPDATED_DATE
2981206	829676	19411	3	3	18 vial		2021-09-02 11:55:45	2021-09-02 11:55:45

PIWP:

PO_HDR_SEQNO	PURCHASE_ORDER_NO	PURCHASE_ORDER_TYPE	FACILITY_CODE	REF_PO_NO	LPO_NO	CREATED_DATE	UPDATED_DATE	RETURN_DATE_TIME
570419	PO21622293	ROT	11-08080019	T210000176	CO000008068901	2021-09-02 18:35:30	2021-09-02 18:35:30	2021-09-02 11:54:51

PO_DTL_SEQNO	PO_HDR_SEQNO	ITEM_CODE	EP_APPROVED_QTY	RETURN_QTY_LOOSE_SKU	RETURN_SKU	CREATED_DATE	UPDATED_DATE
1803824	570419	07.4208.08	3	18 vial		2021-09-02 18:35:30	2021-09-02 18:35:30



Klinik Kesihatan (KK):

RETURN TO SUPPLIER

RETURN TO SUPPLIER INFORMATION

Return No. T210000011
 Return Reason: Others
 Reason: Integration
 Supplier Name: PHARMANIAGA LOGISTIC SDN.BHD.
 Received No. P210000063
 LPO No. COKWAN00778134
 Notification Date and Time: 01/09/2021 11:59:41 AM

Return Date and Time: 02/09/2021 11:58:50 AM
 Expected Delivery Date and Time: 10/09/2021 12:00:00 AM

Status: Confirmed
 DO No. KWAN124
 Return Amount (RM): 18.55

ADD ITEM

Item Code	Item Description	Item Group	PKU	Packing Description	Batch No.	Expiry Date	Max. Return Quantity (PKU)	Return Quantity (PKU)	Loose Return Quantity (SKU)	Return Quantity (SKU)	Unit Price (RM) (SKU)	Amount (RM)
02.0011.02	Amlodipine 10 mg Tablet	DRUG	pck	pack of 100 tablet	KWAN.001	31/12/2022	10.00	5	67	567	0.0371	18.55

IWP:

PO_HDR_SEQNO	PURCHASE_ORDER_NO	PURCHASE_ORDER_TYPE	FACILITY_CODE	ORDER_STATUS	LPO_NO	CREATED_DATE	UPDATED_DATE	RETURN_DATE_TIME
829677	T210000011	ROT	21-08050045	eP_APPROVED	COKWAN00778134	2021-09-02 11:59:46	2021-09-02 11:59:46	2021-09-02 11:58:50

PO_DTL_SEQNO	PO_HDR_SEQNO	ITEM_SEQNO	APPROVED_QTY	EP_APPROVED_QTY	RETURN_QTY_LOOSE_SKU	RETURN_SKU	CREATED_DATE	UPDATED_DATE
2981207	829677	18709	5	5	67 tablet	567	2021-09-02 11:59:46	2021-09-02 11:59:46

PIWP:

PO_HDR_SEQNO	PURCHASE_ORDER_NO	PURCHASE_ORDER_TYPE	FACILITY_CODE	REF_PO_NO	LPO_NO	CREATED_DATE	UPDATED_DATE	RETURN_DATE_TIME
570421	PO21622295	ROT	21-08050045	T210000011	COKWAN00778134	2021-09-02 18:41:56	2021-09-02 18:41:56	2021-09-02 11:58:50

PO_DTL_SEQNO	PO_HDR_SEQNO	ITEM_CODE	EP_APPROVED_QTY	RETURN_QTY_LOOSE_SKU	RETURN_SKU	CREATED_DATE	UPDATED_DATE
1803827	570421	02.0011.02	5	67 tablet	567	2021-09-02 18:41:56	2021-09-02 18:41:56

5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	HQ Script	PatchScripts_V2.4.1.1_IWP_Function.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.4.1.1/iwp/scripts
2	HQ Application	phishq_v2.4.1.1.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.4.1.1/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

N/A

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_V2.4.1.1_IWP_Function.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.4.1.1/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_v2.4.1.1.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.4.1.1/iwp/war	Rename the war file from phishq_V2.4.1.1.war to phishq.war then Deploy.