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

Release Note

For version 2.6.1.11

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1.0	17/02/2023	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	:	2.6.1.11
Client Name	:	Ministry of Health
Release ID	:	RL23/005
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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 and CPS version 2.6.1.11:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R220132	Report Enquiry	Allergy Registry Report	Request to add Drug Allergy Card Registry report in IWP.	200000657E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.3 _Dashboard(Clinical)(PhIS) _1.0
2.	R220146	Report Enquiry	Allergy Registry Report	1. Rename the report 'DAC Registry' to 'Allergy Registry'. 2. Rearrange all the fields. 3. Reported Date From/To validation. a. For searching with 'Patient Name', the 'Reported Date From/To' will have no limit. b. For searching with 'Active Ingredient' date range will be limited to 2 years. c. For searching with combination of 'Patient Name' and 'Active Ingredient', the 'Reported Date From/To' will have no limit. 4. Add search filter by 'JKN/Institute'. 5. Rename the 'Status' to 'Allergy Status' at Search filter, Listing, PDF and Excel 6. Rename the 'Printed' to 'DAC Printed' at Search filter, Listing, PDF and Excel 7. Rename the 'MOH Drug' to 'Non MOH Drug' at Listing, PDF and Excel	230011237E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_1.3 _Dashboard(Clinical)(PhIS) _1.0.

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				8. Rename the 'Patient ID' to 'IC No/Other Identification'			

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.1.11.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS084361422APP	Pejabat Farmasi Bahagian Sibu (B)	Pharmacy Inventory	08/11/2022	Budget Adjustment (IWP) - Popup ERROR 500 when search LPO	Received email from Mr/Ms Law, Unable to perform budget adjustment in iwp. 'I am unable to perform budget adjustment in IWP for the LPO PO220000000182433 as the error message below appeared. Kindly advise and assist.'	System was not correctly handling query condition for LPO No bandbox if available LPO records are more than 1000	05/01/2023
2.	I-PhIS080482222APP	Bahagian Perkhidmatan Farmasi (HQ)	Pharmacy Inventory	22/08/2022	Contract HQ (IWP): Item details do not appear when double clicked - column Without Fi is blank	Email from user, Based on the attached video, I am unable to open up the item's detail after double clicking on the item in PhIS for contract KKM-1232020F(U) - Eltrombopaq 25mg Tablet. However, I tried to do it for another contract, and it did work and I am able to edit the item's information. Kindly ask for feedback on how to edit the item's information for contract KKM-1232020F(U).	Missing implementation to apply null validation for 'Contract Unit Price (PKU) (RM) (Without Fi)' fields during saving function in Contract HQ screen	18/10/2022
3.	I-PhIS076459722APP	Klinik Kesihatan Lahad Datu (A)	Pharmacy Inventory	23/05/2022	Payment IWP - Popup error 500 unknown exception	Ms Hellen reported that unable to proceed Payment in IWP due to upon key in any LPO No, following pop up appears. 'Error 500: Unknown Exception Java Lang' User ID: hellen	Wrong checking was applied in Payment screen whereby system needs to acquire facility name value first before can retrieve LPO No. Suppose system should allow user to directly search for LPO	19/07/2022

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
							No without checking on facility name value	
4.	I-PhIS081240422APP	Klinik Kesihatan Labuan (B)	Pharmacy Inventory	07/09/2022	Payment IWP - Status becomes BLANK in listing screen	Email: Terdapat beberapa LPO APPL yang status "Approved" tidak dapat tunjuk di main page Payment/credit note (PKD). LPO yang terlibat ialah: CO220000000450448, CO220000000450455, CO220000000450460, CO220000000450482, CO220000000407300, CO220000000407289, CO220000000363325.	Wrong condition was applied during payment approval whereby system will wrongly update the Payment status as blank if liability amount is not enough	11/11/2022
5.	I-PhIS079916322APP	Pejabat Farmasi Bahagian Sri Aman (B)	Pharmacy Inventory	09/08/2022	Penalty IWP: Unable to print Lampiran 9 - Popup error 500 unknown exception (designation blank)	Received email from Ms May Ling, unable to print Lampiran 9 for all penalty incident in iwp. 'Kindly look into this problem and rectify it soonest possible as we need to print out and email the document to supplier for penalty claim.'	Previously system was checking on user designation value when do approval and printing Lampiran 9. Suppose system should be able to do both functions even designation value is null.	05/10/2022
6.	I-PhIS082084122APP	Klinik Kesihatan Jalan Angsana (B)	Pharmacy Inventory	26/09/2022	IWP eP Enquiry - eDO and Invoice Status	Email from user: Terdapat kesilapan di 'Received from supplier' apabila 2 DO nombor untuk item yang sama dalam 1 LPO (C0220000000504089) DO yang betul: 705584253 (telah received dalam sistem PHIS) DO yang salah: 699668329 (PENDING)	Previously no checking on the receiving flag and receiving quantity was applied during partial receiving function in Receive From Supplier screen. This has caused the delivery order quantity to become more than eP approved	26/01/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						Dilampirkan 2 DO berikut. Mohon pihak tuan/puan untuk urusan pembetulan.	quantity since there was no consideration of receiving quantity in calculation of delivery order quantity	
7.	I-PhIS075481022APP	Pejabat Kesihatan Daerah Seberang Perai Tengah (B)	Pharmacy Inventory	27/04/2022	Request Order Authorization (APPL without eP Integration) - Able to approve order concurrent user	User reported she unable to approve order Appl without eP integration at IWP due to error message "insufficient budget" appear. User claimed she has budget available for this vote. Details as below: PO: 22000232	Concurrent user validation was not properly handled inside Request Order Authorization screen	08/07/2022
8.	I-PhIS080494722APP	Klinik Kesihatan Tendong (B)	Pharmacy Inventory	22/08/2022	Request Order Authorization IWP (APPL): Item missing from list - concurrent user	Received email from user as below: Pn Maisarah of KK Tendong queried why Ethyl Chloride is not in LPO CO220000000415513. Referring to the PO image above, the eP Approved Quantity (PKU) is 0. As if it is not approved by PKD. I cross check with Pn Nabilah, the approver at PKD, she provides the Request Order Status Report. This report shows no Ethyl Chloride in the list. She didn't disapprove the Ethyl Chloride. Any explanation for this incident?	Missing concurrent user validation during approval function inside Purchase Order screen	26/10/2022

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_V2.6.1.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/scripts
2	Facility Application	iphis_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war
3	Facility Application	PhISService_v.2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war
4	Facility Application	PhISSchedulers_v.2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/jar
5	Facility Application	phis_Email_v2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/jar
6	Facility Application	phis_Cd_V2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/jar
7	Facility Application	phis_MyMaat_v2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/jar
9	Mobile Application	iphismobile_user_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war
10	Mobile Application	phisAPI_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war
11	Mobile Application	Ipadhosp-2.6.1.11.0b08.war	https://10.1.1.57:5522/svn/PhISWorkspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/Mobile

No.	Items	Components	Path
12	HQ Script	PatchScripts2.6.1.11_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/iwp/scripts
13	HQ Application	phishq_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/iwp/war
14	HQ Application	masterRelease_v2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/iwp/jar
15	HQ Application	epservice_V2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/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_V2.6.1.11.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/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_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applicati	Please rename the war file to

Step	Items	File Name	Source Path	Action
			ons/PHIS_ReleaseV2.6.1.11/facility/war	PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/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_V2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/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_v2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/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_ReleaseV2.6.1.11/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war	Rename iphismobile_user_v2.6.1.11.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/facility/war	Rename phisAPI_v2.6.1.11.war to phisAPI.war and deploy.
11	Mobile Application	Ipadhosp-2.6.1.11.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/3	Rename ipadhosp-2.6.1.11.0b08.war to

Step	Items	File Name	Source Path	Action
			1_Implementation/Applications/PHIS_ReleaseV2.6.1.11/Mobile	ipadhosp.war and deploy. - Mobile Frontend: 2.6.1.11.0r18 - Mobile Backend: 2.6.1.11.0b08

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	PatchScripts2.6.1.11_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/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_v2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/iwp/war	Rename the war file from phishq_v2.6.1.11.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.1.11.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/iwp/jar	Rename the jar file from masterRelease_v2.6.1.11.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.1.11.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.11/iwp/war	Rename the war file from epservice_V2.6.1.11.war to epservice.war then deploy.