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

Release Note

For version 2.0.3.4

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	09/04/2019	Zainura	Chew Ming Ping	First Version

Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Chew Ming Ping	Team Leader	Pharmaniaga Logistics Sdn Bhd	
Hoh Choon Seng	Project Manager	Pharmaniaga Logistics Sdn Bhd	

Name	Role/Designation	Organization	Signature & Date
		Bahagian Perkhidmatan Farmasi (BPF), 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

1   Introduction

1.1   Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.0.3.4
Client Name	:	Ministry of Health
Release ID	:	RL19/007
Release Date	:	09/04/2019

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 for PhIS & CPS Web Application

The following are the refinement that included in PhIS v2.0.3.4:

No	CR No	Module	Function	Solution	Ticket No	Facility	Reference
1	R190070	Pharmacy Inventory	Purchase Order	Improve and enhance PO by save Sequence Number and Description for eP NextGen columns (eP Vote / eP Project / eP Program / eP GL Account and eP Contract Info) when create and update PO. This is to handle duplicate code with different description from eP	I-PhIS048661219S	Klinik Kesihatan Bandar Jengka	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 2.0.3.4.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS049995619S	Hospital Sungai Bakap	Pharmacy Inventory	12/2/19	Item accumulative have sum of big integer value	User reported she has create stock replenish for Farmasi Pesakit Luar Filling but user claimed there is no approval button appear in this transaction. User claimed this transaction still appear in task list. Previously, user able to perform stock replenish and not appear in task list screen. Details as below: Transaction No: F02PGAL-0002250 F02PGAL-0002253 When open this	Error hitting because of data type not handled properly.	25/2/19	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						transaction, this status shows approved. User ID: 880816135580			
2	I-PhIS050438719S	Klinik Kesihatan Greentown	Outpatient Pharmacy	1/3/19	Screening & Verification - Unable to allocate - taper	Receive email from support Akmal reported user cannot allocate the drug. User need to allocate manually. MRN: KKE08004500046447	Issue happens due to lazy initialization for taper normal dose frequencies.	8/4/19	
3	I-PhIS050495219S	Klinik Kesihatan Gunung Semanggol	Pharmacy Inventory	5/3/19	Penalty - Status not update back to Facility	User: Cik Syakila reported the penalty transaction status not update as approved even user confirmed it has been approved by her pegawai. Refer user attachment as reference. Transaction Number = PE21-08040048-1920010 Penalty code= PS1 Pegawai approve : Rozanna binti Razali User	IWP unable to update current status at facility due to integration is based on facility code+PTJ code. Because PTJ code is changed, system does not recognize the correct facility that its need to send status	21/3/19	
4	I-PhIS050551219S	Hospital Permai	Outpatient Pharmacy	7/3/19	SPUB Form: Error occur after click button print	Miss Lim reported error "please contact admin" occur after click button print. Kindly refer attachment. MRN: HPJB00087363	Issue happens due to system not refresh SPUB R1 form record during click on print button	25/3/19	
5	I-PhIS050551919S	Klinik Kesihatan Kuala Pilah	Report/Enquiry	7/3/19	Enquiry Analysis - Interval time to verify shows different when print	Pn Aini reported Interval time to verify shows different when print report. User select Enquiry date from 1/2/2019 - 28/2/2019. For example reference no DI1900000016. Internal time during generate and during printing not same.	Error happened because system is retrieving wrong value when showing in PDF file	21/3/19	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
6	I-PhIS050625419S	Hospital Sri Aman	Pharmacy Inventory	11/3/19	Purchase Order (Contract) - Contract not appear	En Suja reported when he want to purchase contract item, contract not appear during searching. User informed contract number already exist in system with status Active. Facility status and HQ status for this item also Active. KKM no: KKM-2/2019/F(U) Item: Tenofovir Disoproxil Fumarate 300mg Tablet/Kapsul	Validation on contract start date is wrong and filters wrongly handled while retriving values.	20/3/19	
7	I-PhIS050647919S	Klinik Kesihatan Greentown	Outpatient Pharmacy	11/3/19	Drug Label - Quantity supply not correct - alternate insulin	Miss Sabrina reported quantity supply not correct. Insulatard 100 IU/mL Penfill Patient (Selvarajan A/L Palany - KKE08004500013725) Order : 12.3.2019 - 24.4.2019 Quantity supply ; 680penfill	Issue happens due to wrong calculation for alternate insulin.	5/4/19	
8	I-PhIS050725219S	Hospital Pitas	Pharmacy Inventory	14/3/19	Receive Item (Inter) - Unable to enter price in SKU/PKU_Too many characters are entered	User: Ms Aqilah reported unable to enter price in SKU during save transaction due to prompt message "Too many character. at most 10 character are allow". Price SKU - RM20,931.3000 item code: 07.0009.01 - Antivenene Serum Sea snake 1000 units Injection	unit price component validation not handled properly for SKU	22/3/19	
9	I-PhIS050841119S	Hospital Tengku Ampuan Afzan	Ward Pharmacy	19/3/19	CP2 - PCI - Intervention Date not tally	Encik Mohd Nasri reported date appear not tally for CPI. AT PCI Screen : Appear real date When print CP2 : Appear printed date MRN : 156011 User not sure issue happened for other patient or not. User will sent screenshot.	Print report CP2 shows only current date because wrong calling column in report	2/4/19	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
10	I-PhIS050983419S	Klinik Kesihatan Putatan	Report/Enquiry	25/3/19	DAC Registry report - Appear error search	Miss Wei reported, appear message error when user click button search. Already check no issue for other module. start date : 01/01/2019 until : 25/03/2019	issue happened because patient nationality got null value.while new patient registration screen there is not mandatory to select patient nationality because of that patient nationality in back end inserted as null.	2/4/19	
11	I-PhIS051055319S	Klinik Kesihatan Changkat Jering	General Module	27/3/19	Facility Information - Unable to save without fill in Hospital Director	Pn Fazilah reported she want to edit and changed Auto Topup from No to Yes, but user cannot proceed to save due to appear "This field cannot be empty or contain only spaces". User informed this column does not have compulsory.	Missing asterisk symbol (*) for Hospital Director field.	2/4/19	
12	I-PhIS051077719S	Klinik Kesihatan Bakri	Outpatient Pharmacy	28/3/19	Record prescription - unable to confirm order	Unable to confirm order show"please insert que number before confirm" Queue No not have star compulsory but user query why unable to enter confirm. Kindly to check if possible to hide this function to proceed confirm.	Alert to insert another queue no is displayed because there is Empty String value inside Queue No field (Cannot be seen in screen but at backend, system treat this Empty String as valid value). Thus alert is keep displayed whenever user confirm the order	3/4/19	
13	I-PhIS051135119S	Hospital Miri	Special Drug Request	30/3/19	Special Drug Request - Appear Error and Unable to approve/recommend	Please help to resolve the problem that the Hospital Director unable to approve/recommend the Special Drug Request. The error popped out as per attachment, and the list of application which the director unable to click 'recommend' are	Issue on IWP which sending column does not exists in the 1.8.2.3 as acknowledge/response.	3/4/19	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						also attached with this email for your references.			
14	I-PhIS051201219S	Hospital Rehabilitasi Cheras	Pharmacy Inventory	2/4/19	Budget Movement: Show eP Approve excess while payment has been made	Puan Nor Eillena reported budget movement shot eP approve excess while payment has been made. Kindly refer attachment user PO No.: PO19000098 LPO: PO190000000606580 Vote Code: 270501/022800/27401/01	Validation against Ep excess not handled.	3/4/19	

Verified and Acknowledged By:
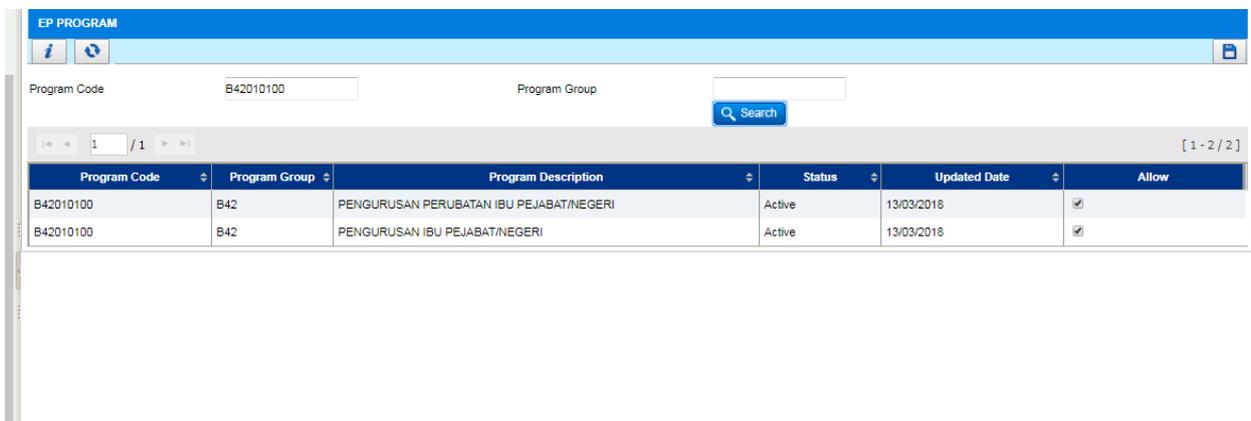

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Signature: _____   Name: _____

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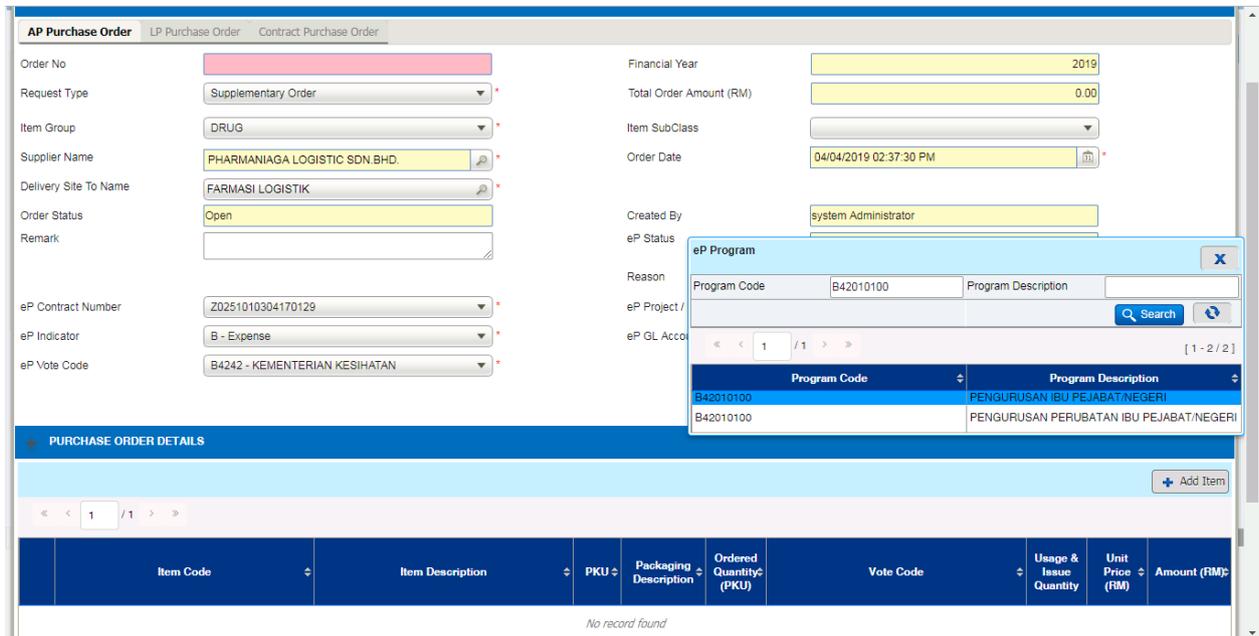
4   Refinement List – Detail Changes

4.1   Pharmacy Inventory – Purchase Order

CR No	Module	Function	Description
R190070	Pharmacy Inventory	Purchase Order	Improve and enhance PO by save Sequence Number and Description for eP NextGen columns (eP Vote / eP Project / eP Program / eP GL Account and eP Contract Info) when create and update PO. This is to handle duplicate code with different description from eP

5   Deployment - Procedures

5.1   List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	1. PatchScripts_PhIS_V2.0.3.4.0.txt 2. PatchScripts_PhIS_V2.0.3.4.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.4.2(2.1_PhIS).txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/scripts
2	Facility Application	iphis_v2.0.3.4.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/war
3	Facility Application	PhISSchedulers_v.2.0.3.4.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/jar
4	Facility Application	PhISService_v.2.0.3.4.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/war
5	Mobile Application	iphismobile_user_v2.0.3.4.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/war
6	HQ Script	1. PatchScripts2.0.3.4_IWP.txt 2. PatchScripts2.1_IWP.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/scripts
7	HQ Application	phishq_v2.0.3.4.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/war
8	HQ Application	masterRelease_v2.0.3.4.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/jar
9	HQ Application	epservice.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/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	PhIS Integration Application
		/opt/phisesb	PhIS Core Application
		/usr/share/fonts/truetype	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	1. PatchScripts_PhIS_V2.0.3.4.0.txt 2. PatchScripts_PhIS_V2.0.3.4.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.4.2(2.1_PhIS).txt	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script file 1 Execute as pgScript and Script file 2 execute by high lighting one by one
2	Facility Application	iphis_v2.0.3.4.war	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/war	Please rename the war file from iphis_v2.0.3.4.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.2.0.3.4.jar	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.
4	Facility Application	PhISService_v.2.0.3.4.war	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/facility/war	Please rename the war file from PhISService_v.2.0.3.4.war to PhISService.war then deploy.
5	Mobile Application	iphismobile_user_v2.0.3.4.war	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/Mobile	Rename iphismobile_user_v2.0.3.4.war to iphismobile_user.war and deploy.

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	1. PatchScripts2.0.3.4_IWP.txt 2. PatchScripts2.0.X_IWP.txt 3. PatchScripts2.1_IWP.txt	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/scripts	Execute as Script
2	HQ Application	phishq_v2.0.3.4.war	https://10.1.2.0.3.42:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/war	Rename the war file from phishq_v2.0.3.4.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.0.3.4.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/jar	Rename the jar file from masterRelease_v2.0.3.4.1.jar to masterRelease.jar and copy to directoty '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.4/iwp/war	To ensure (War) downloaded from SVN same in size (in bytes) and no corruption