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

Release Note

For version 2.0.2.3

© 2011-2019 Pharmaniaga Logistics Sdn Bhd (PLSB)

Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	05/01/2019	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	:	2.0.2.3
Client Name	:	Ministry of Health
Release ID	:	RL19/001
Release Date	:	05/01/2019

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

N/A

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.0.2.3.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS045942218S	Klinik Kesihatan Greentown	Order Management - Web	17/10/18	Screening & Verification -Rx cannot proceed to screening and dispensing - drug missing	Receive email from user : After transcribing the manual Rx into the system and click confirm no medicine can be seen at the screening page and an error msg pop up saying the Rx has been modified by someone else. The Rx also cannot be clicked to screen at the screening and varication screen. The whole dispensing process is jammed. MRN - KKE08004500153385	Issue happen when user order using record prescription with full based implementation, record error when confirm order.	17/12/18	
2	I-PhIS046055118S	Hospital Pakar Sultanah Fatimah	Order Management - Web	21/10/18	medication order - Status not change to discontinue	user reported at screen medication order - status appear as discontinue, user request to check if others doctor discontinue drug in system, how to find out which doctor discontinue the drug, detail as below MRN- hspf00008088	This problem happening in scheduler. If main visit discharge date and referral visit discharge date are not same.	18/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						drug: latanoprost & dorzolamide order date :16/8/2018-14/3/2019			
3	I-PhIS046401118S	Hospital Pakar Sultanah Fatimah	Order Management - Web	30/10/18	Medication order - Unable to confirm order	En Nizam reported unable to confirm the order, when click button confirm, appear processing and nothing happen. Happen for this patient only, other patient no issue when confirm order. User already log out and login back but still problem. MRN : 138854 ong kuan yeng step by user : medication order screen>fill all column mandatory>add drug>save and click confirm button>appear processing>no popup appear>still at same screen.	No alert if the ordered drug have active prescription and the expiry date is same as order start date. Now code is modified will check active in previous prescription by date time instead of date.	18/12/18	
4	I-PhIS046423218S	Hospital Kuala Lumpur	Outpatient Pharmacy	31/10/18	Dispensing - Unable to proceed dispensing - Acknowledged, aqueous, default dispense UOM no stock	Receive email from user inform unable to proceed dispensing for some unknown reason. MRN : HKL00065660 RX no : REHAB0000554828 Location : Jabatan Rehabilitasi	Validation missing to control allocation. This case happen if prescription having any dangerous drug authorization, and system unable to allocate. No validation takes place against drugs to control.	17/12/18	
5	I-PhIS046585718S	Institut Perubatan Respiratori	Special Drug Request	5/11/18	Special Drug Request - Recommended Column Capture wrong name in IWP	based on previous reported 18576688C, user inform same issue still persist even though user sent the SDR on 17/10/2018 after using ver 1823. User unable to provide screen shpt due to BPF did not sent the hardcopy report to user Ms.Khoo reported details name was changes to other name when	When user select user name bandbox at specialist panel, HOD panel, pharmacist panel, chief pharmacist panel and HD panel the value not set for textbox.	14/11/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						SDR sent to BPF. At her record still captured correct name. Some of the field appear blank. Example : IPR0132/2018 Kindly refer attachment for clear comparison. Ketua Jabatan Diisi oleh Farmasi IPR: Dr. Nurhayati Bt Mohd Marzuki Diterima oleh Bahagian Farmasi: Khoo Ming Yi Ketua Pegawai Farmasi Diisi oleh Farmasi IPR: Ahmad Fariz Ariffin Diterima oleh Bahagian Farmasi: Dr. Nurhayati Bt Mohd Marzuki Pengesahan Pengarah Hospital Diisi oleh Farmasi IPR: Dr. Nurhayati Bt Mohd Marzuki Diterima oleh Bahagian Farmasi: kosong			
6	I-PhIS046739318S	Hospital Bahagia Ulu Kinta	Order Management - Web	9/11/18	Medication Order - Unable to modify order (error popup when double click)	User reported she unable to modify quantity order from 35 tablet into 33 tablet due to error message "an error has occurred, please contact system administrator" appear. Kindly refer attachment for reference. Details as below: Dispensing Location : Farmasi Pesakit Dalam (IPD) MRN No : HBUK00002364 Item Name: Sodium Valproate 200 mg tablet Drug Code : N03AG01520T1001XX v1823	1. Due to indication is null when drug is ordered for the first time. 2. Later, indication is added to Drug Master for the ordered drug 3. when renew from old drug (before indication is added), system will give error since system expect the system should have indication value for old record but actually no indication value attached to it.	17/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
7	I-PhIS047111118S	Pejabat Kesihatan Titiwangsa	Pharmacy Inventory	22/11/18	Budget Movement (IWP/Facility) - Liability transaction not update	User reported transaction in Liability not update even user has performed payment. User claimed this issue happened in KK Dato' Keramat. Details as below: PO18000073 (LPO amount: RM6,754.55) Vote Code: 270801/020500/27499 In this PO, there's 10 items. All were suppose to be ordered under budget type: Dasar Baru. KKDK ordered 9 items under Dasar Baru but accidentally left out Scalp Vein Disposable 21G x 19mm (RM146.16) and ordered as budget type-operating. User changed the item (RM146.16) in IWP to budget type: Dasar Baru during IWP approval stage. Kindly refer to KKDK budget movement pdf file no. 24 (PO eP approved RM6754.55) and no.28 (PO payment-only paid as RM 6608.39). Full payment have been made (PM18021141) but Scalp Vein Disposable 21G x 19mm (RM146.16) still being captured as budget type: Operating, despite me changing it to Dasar Baru during IWP approval stage. Full LPO amount of RM6754.55 for 10 items were being minus off from budget type-Dasar Baru but on RM6608.39	Budget Type not updated in PO detail after new votecode is selected.	26/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						was being transferred from liability amount to utilized amount, causing RM146.16 still being stuck at liability amount. Correct Liability amount should be= RM0 Correct Utilized amount should be= RM57,343.87 (Note: KKDK Non-Drug 27499-Budget type Operating was not affected and all liability, utilized and balance amount is correct)			
8	I-PhIS047335518S	Hospital Kuala Lumpur	Order Management - Web	28/11/18	Manage Prescription - Unable to cancelled transaction- PN	User Ms Rachel inform unable to cancelled transaction due pop up notification " An error occurred". MRN : 17625	Issue happened due to lazy initialization error, Data required from drug master not loaded to session as there is a changes in drug master and nondrug master removing all fetches.	18/12/18	
9	I-PhIS047335818S	Pejabat Kesihatan Daerah Langkawi	Pharmacy Inventory	28/11/18	Item Batch_Able to Change Expiry Date even though Batch already expired	User: Pn Fathiyah reported she unable to proceed condemn item due to when generate RCL, item not appear. Check in stock balance by item and item movement, item already expired and have bad stock. Item code: C08CA01000T1002XX.01	The expired date able to edit due to the condition wrongly applied	20/12/18	
10	I-PhIS047502118S	Klinik Kesihatan Felda Sahabat	Adverse Drug Reaction (ADR)	4/12/18	ADR Reporting - Pop up notification and unable to save -	User Mr Jacob reported pop up " An error occurred " when key in the adr detail, during the select suspected drug, error come out.	Address reporter exceeded to max 100 character	18/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
					Address max 100 chac	User inform when click button save pop up "No suspected drug selected in drug detail" Example : MRN : 82830			
11	I-PhIS047503418S	Hospital Tengku Ampuan Afzan	Ward Pharmacy	4/12/18	Ward Pharmacy (CP2) - Displayed incorrect data in CP2	En Nasri reported the data displayed in CP2 was wrong. Data in Reason for taking was changed with Balance/Comments• in CP2. The correct data is in CP1. Refer user attachment as reference. CP1:- Reason for taking=Untuk Jantung Balance/Comments=taken once a week but in CP2:- Reason for taking=taken once a week Balance/Comments=Untuk Jantung MRN: HTAA00001459 Patient Name: MOHAMED BIN OSMAN (1110531) Patient Visit Location: WAD ORKID 8B Support : Able to simulate at clone server (V1716 & V1823) and get same result.	column 'Reason for taking' and 'Balance/Comments' in CP2 Non Prescription Medication was switched each other	17/12/18	
12	I-PhIS047579118S	Hospital Bentong	Report/Enquiry	6/12/18	Item Movement - Opening balance quantity shows incorrect	User reported opening balance quantity shows incorrect in item movement. User claimed it happened to several items. User claimed good stock is tally with physical quantity but opening is not tally. Kindly refer attachment for reference. Details as below: 1) Item Code: 02.1204.05 Opening Balance Qty: 292 Good Stock Before: 409	Opening Balance shows wrong value due to the value is captured from 'good stock before' from previous year.	21/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						2) Item Code: 07.0407.05 Opening Balance Qty: 1,300 Good Stock Before: 400 3) Item Code: 03.1401.03 Opening Balance Qty: 1,600 Good Stock Before: 500 4) Item Code: 02.0809.04 Opening Balance Qty: 14 Good Stock Before: 2 5) Item Code: 02.3011.07 Opening Balance Qty: 24 Good Stock Before: 22 6) Item Code: 07.1203.01 Opening Balance Qty: 1 Good Stock Before: 2			
13	I-PhIS047716118S	Hospital Sibu	Pharmacy Inventory	12/12/18	RIQ - Recommend issue appear negative value	Receive email from user Mr Ting reported : We found that in indent no K18020282 at column Recommended Issue have negative value, in version 1.8.2.3	RIQ - Recommend issue appear negative value because for zero stock calculating issue Qty	20/12/18	
14	I-PhIS047903418S	Klinik Kesihatan Manong	Medication Counseling	18/12/18	Medication Counselling (Reporting) - After save, page default to section Assessment	1. Medication Counseling – Yang ni bug je kot. Versi 1.7 elok je. Masa dah fill up detail kaunseling (Gambar B). Bila klik save page ni naik ke atas semula (Gambar A). Kene skrol balik kebawah untuk klik confirm. Harap klik save page tu tak skrol keatas balik. Gambar A Medication counselling - save at	After Save MC reporting, system default to Assessment Section.	19/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						reporting - page appear back at assessment.			
15	I-PhIS047918118S	Hospital Bintulu	Pharmacy Inventory	18/12/18	Payment - Error when approve payment	Mr Michael reported he unable to approved payment due to pop up message "INFO7904: Liability amount is less than PO amount". Total 4 LPO is affected. kindly refer to the attachment for the affected LPO. LPO:- L162031 L0251152501151945 CO180000000373619 CO180000000074763	Concurrent validation on approve and send for approval portion not handled.	28/12/18	
16	I-PhIS048035418S	Hospital Seri Manjung	Pharmacy Inventory	21/12/18	Deduction - Message appear if deduction amount same as current balance amount	En Zahir reported he unable to make deduction to clear their budget due to after user enter amount to deduct, popup appear 'Deduction amount should be less than or equal to current amount'. User inform he want to clear the budget before YEP process. Issue happen to many vote code but user provide example as below for checking. Vote code: 050801/011000/27499/99 Current Balance(RM): 321990.67 Allocate To Deduct(RM): 321990.67	During Allocation, current balance has been saved as 4 decimal value in DB level,hence when do deduction, while comparing currrent balance (4 decimal value) and deduction value (2 decimal value) makes decimal level difference and shows wrong message.	26/12/18	
17	I-PhIS048237218S	Pejabat Kesihatan Daerah Temerloh	Pharmacy Inventory	26/12/18	(2.0.2.3)RIQ interfacility - Pop up error when click button save	User reported Ms Wahida reported pop up error " An error occured" when click button save. Ext Indent No.: R18000551 Indent no :	Lazy initialization exception as all relational data not refreshed properly	27/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						R1806PS001-0001962 Facility : KK Bandar Mentakab			
18	I-PhIS047733218S	Hospital Kuala Lumpur	Pharmacy Inventory	12/12/18	Receive from Supplier (AP/LP/Contract) - LPO not appear for partial receiving	Mr Mr Aw Wei Chun reported, he unable to do receiving from supplier show error when click at search LPO. Please refer screen-short given by user.	Coding issue, when partial receiving done against LPO, remaining not appear for receiving	4/1/19	
19	I-PhIS048471119S	Hospital Kota Marudu	Pharmacy Inventory	1/1/19	Hospital Payment - Unable to select Invoice Received Date for 2018	User Ms Adila reported unable to select Invoice Received Date for 2018.User inform all date dimmed except 1/1/2019. Confirm by user still not set for YEP.	Validation on Invoice received date field wrongly added.	4/1/19	
20	I-PhIS047991318S	Klinik Kesihatan Greentown	Pharmacy Inventory	20/12/18	Physical Checking - unable to scroll down and up to view item and cannot close	Receive email from Akmal on behalf Miss Sabrina, user inform unable to scroll down and up to view item and cannot close Step : Inventory -> inventory management -> Stock taking and management -> physical checking Example item : Acarbose 50 mg	Due to Design issue can't able to close	23/12/18	
21	I-PhIS047993718S	Klinik Kesihatan Greentown	Patient Management	20/12/18	Patient Management - My card reader cannot read - v2.0	Akmal (SIT/Technical) reported on behalf of user Miss Sabrina. User reported My card reader cannot read, - appear loading and page not responding. Happened to all PC & my card reader. As confirmed by Akmal, not related with hardware issue.	Because Java 8 have been added security constraints, execution file which was used to read the data from MyKad/MyKid had been prevented for being executed.	3/1/19	
22	I-PhIS048003618S	Klinik Kesihatan Greentown	Patient Management	20/12/18	Patient management - Address no space at label	Receive email from Akmal on behalf Miss Sabrina, There is no space between words. Example TamanMeru should be Taman Meru	Space is not considered when entering value in address fields and causing patient label to display	23/12/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
							address without space value		
23	I-PhIS048011218S	Klinik Kesihatan Greentown	Outpatient Pharmacy	20/12/18	Dispensing-allocate quantity different with quantity in drug label	This issue is bug in allocation calculation for drug with specific setting (prn, absolute qty and etc). FYI, this issue will not happen to normal setting V 2013.	Issue happened due to Order Setting (drug master) not implement on dispensing screen. Due to this, allocate quantity different with quantity in drug label.	3/1/19	
24	I-PhIS048217118S	Klinik Kesihatan Greentown	Outpatient Pharmacy	26/12/18	Dispensing Missing Drug Line	Missing line between drug list inside all Dispensing Screens	Cosmetic or Design Issue	26/12/18	

Verified and Acknowledged By:

Signature: _____   Name: _____
Date: _____   Designation: _____

Signature: _____   Name: _____
Date: _____   Designation: _____

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	1. PatchScripts_PhIS_V2.0.2.3.0.txt 2. PatchScripts_PhIS_V2.0.2.3.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.2.3.2(2.1_PhIS).txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/scripts
2	Facility Application	iphis_v2.0.2.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/war
3	Facility Application	PhISService_v2.0.2.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/war
4	Facility Application	PhISSchedulers_v2.0.2.3.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/jar
5	Mobile Application	ipadhosp-2.0.0b30.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/Mobile
6	Mobile Application	iphismobile_user_v2.0.2.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/Mobile
7	HQ Script	1. PatchScripts2.0.2.3_IWP.txt 2. PatchScripts2.0.X_IWP.txt 3. PatchScripts2.1_IWP.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/iwp/scripts
8	HQ Application	phishq_v2.0.2.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/iwp/war
9	HQ Application	masterRelease_v2.0.2.3.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/iwp/jar
10	HQ Application	epservice.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/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	1. PatchScripts_PhIS_V2.0.2.3.0.txt 2. PatchScripts_PhIS_V2.0.2.3.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.2.3.2(2.1_PhIS).txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/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_v2.0.2.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/war	Please rename the war file from iphis_v2.0.2.3.war to iphis.war then deploy.
3	Facility Application	PhISService_v2.0.2.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v2.0.2.3.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.2.3/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.

Ste p	Items	File Name	Source Path	Action
5	Mobile Application	ipadhosp-2.0.0b30.war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PhIS_ReleaseV2.0.2.3/Mobil e	Rename ipadhosp-2.0.0b30.war to ipadhosp.war and deploy. - Mobile Frontend: 2.0.0r30 - Mobile Backend: 2.0.0b30
6	Mobile Application	iphismobile_user_v2.0.2. 3.war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PhIS_ReleaseV2.0.2.3/Mobil e	Rename iphismobile_user_v2.0 .2.3.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	PatchScripts_IWP_v2.0 .2.3.txt	https://10.1.2.0.2.22:44330/sv n/Workspace_Dataware/31_I mplementation/Applications/ PhIS_ReleaseV2.0.2.3/iwp/scri pts	Execute as Script
2	HQ Application	phishq_v2.0.2.3.war	https://10.1.2.0.2.22:44330/sv n/Workspace_Dataware/31_I mplementation/Applications/ PhIS_ReleaseV2.0.2.3/iwp/war	Rename the war file from phishq_v2.0.2.3.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.0.2. 3.jar	https://10.1.2.02:44330/svn/ Workspace_Dataware/31_Imp lementation/Applications/PhIS _ReleaseV2.0.2.3/iwp/jar	Rename the jar file to masterRelease.jar and copy to directoty '/home/phisesb/phisja rs' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.2.02:44330/svn/ Workspace_Dataware/31_Imp lementation/Applications/PhIS _ReleaseV2.0.2.3/iwp/war	Deploy using Glassfish Administration Console