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

Release Note

For version 1.6.1.8

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	20/10/2017	Zainura	Chew Ming Ping	First Version

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Peer Review

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1.0	Michelle Foo (QA)	Initial document

1 INTRODUCTION 1

1.1 PROJECT INFORMATION 1
1.2 OBJECTIVES 1

2 PURPOSE 2

3 SUMMARY – REFINEMENT AND DEFECT LIST 3

3.1 REFINEMENT LIST 3
3.2 RESOLVED DEFECT LIST 3

4 REFINEMENT LIST – DETAIL CHANGES 11

5 DEPLOYMENT - PROCEDURES 12

5.1 LIST OF ITEMS TO BE DEPLOYED 12
5.2 BACKUP PROCEDURE BEFORE DEPLOY 12
5.2.1 Backup Procedure 12
5.3 DEPLOYMENT/INSTALLATION GUIDELINES 13
5.3.1 Deployment at Facility 13
5.3.2 Deployment at HQ - IWP 13

1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	1.6.1.8
Client Name	:	Ministry of Health
Release ID	:	RL17/016
Release Date	:	20/10/2017

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

N/A

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 1.6.1.8.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS020693517S	Hospital Queen Elizabeth II	Clinical Pharmacokinetic Services (CPS) & TDM	27/9/17	TDM - Unable to save	Pn.Noraniza reported she had notification for External TDM Result Received , however when click save button system prompt error message An error has occur. Patient Details : HQE20081951 HBST0092795	Issue happens because allowing to make changes in external TDM registration screen. Scenario : 1.Send order from facility A to facility B, 2. Facility B receives the order and user change facility A to facility C in external TDM registration screen. 3. Once confirm order, it will go to facility C instead of facility A.	13/10/17	
2	I-PhIS020608817S	Hospital Queen Elizabeth	Clinical Pharmacokinetic Services (CPS) & TDM	19/9/17	TDM - Unable to send to external facility	User reported unable to send to external facility after user already receive and register TDM patient. When user click confirm, PhIS seems not responding Steps: Click External TDM Request Received (External Notification) > register(save) > external TDM > save > confirm.	IWP keep sending order to destination facility until When insert data at facility, same record from IWP and no duplicate checking while saving in db. So due to this duplicate records will create.	6/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
3	I-PhIS020765717S	Hospital Tanah Merah	General Module	3/10/17	Item Product Buffer Level - This field may not be empty or contain only spaces.	User reported unable to add item for Item Product Buffer Level . Step : 1. Click create new record 2.Fill in all related details 3. Leave blank for Item Purchase Type & Item Default (forget to select) 4.Click Save. pop up message : This fill may not be empty or contain spaces 5.Select item Purchase Type > Able to select. 6.Click at seach for Item Default > pop up message : This fill may not be empty or contain spaces. 7.Save 8.Close screen then reopen. Able to select Item Default and save. 9. Check at listing page. item not available. 10. Try to create again but pop up message : This item already exist when click at drug non drug search. Drug Code : D06BB03000G1001XX	Due to constraint error is appear in front search button thus user unable to click search button.	6/10/17	
4	I-PhIS020763517S	Hospital Tanah Merah	Inpatient Pharmacy	3/10/17	Fill list - Error when save fill list - stock have been modified	User inform when she wants to save the generated fill list, error 'Stock has been modified'. But she inform the error show the drug that has not yet make any changes	In fill list save event validation checking only for stock modification. if stock update takes place during fill list prepare and save. if stock have been modified system is aborting save function	11/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
5	I-PhIS020726717S	Hospital Tawau	Inpatient Pharmacy	29/9/17	Screening & Verification - Unable to find patient - Visit = OP, Dispense Location = IP, DM=No	User reported that she unable to find patient at Screening and Verification screen. User inform when she check on Clinical Summary, status patient is Ordered. MRN No: HTWU00085789	1. Dispensing transaction table (Queue Ordered) recorded with visit type 'Out Patient' from patient visit type value. 2. Inpatient Listing screen try to search visit type 'In patient' only , but due to visit type recorded 'out patient' system fail to show that record in listing.	9/10/17	
6	I-PhIS020616417S	Hospital Tawau	Manufacturing - CDR	19/9/17	CDR Preparation - Unable to allocate	User reported she unable to allocate for diluent due to the value in -ve and user informed she only able to allocate for the drug=cisplatin which is 3 Vial. After allocate the drug=cisplatin, user try to print label and prepare but pop up message please allocate batch qty for at least 1 drug . MRN: HTWU00165583 Prescription no.: L-EYE0000318597 Diluent = Sodium Chloride inj = -106 Cisplatin 50mg/50ml inj = 3	Issue happens when auto allocate other drug current stock getting based on login user location requester unit instead of drug dispense location requester unit. Due to this no stock available in other requester unit (user location requester unit).	11/10/17	
7	I-PhIS020728717S	Hospital Kuala Lumpur	Manufacturing - Radiopharmaceutical	29/9/17	Radiopharmaceuticals Appointment â€“ Date auto change	User reported when setting appointment for patient, when selected the date already, when setting the time, the appointment date auto changed. Everytime when changing the time, the date will change.	Wrong validation and convert today date as date appointment when click on Hour or Time	9/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
8	I-PhIS020631517S	Hospital Miri	Outpatient Pharmacy	20/9/17	Dispensing - Partial Supply medications turns ward stock - DM, reroute	Ms Kok reported after upgrade to v1.6, found rx no MSW0000565317 for drug Glyceryl Dinitrate turns to ward stock and unable to supply. She confirmed no issue with the first supply. Kindly refer attachment. MRN: HMIRI00143941	No validation on discharge medication for patient transfer. Due to this drug becomes ward stock.	13/10/17	
9	I-PhIS020632817S	Hospital Miri	Outpatient Pharmacy	20/9/17	Dispensing-Unable to dispense when ticked at complete checkbox	Ms Chuah reported unable to dispence when ticked at complete checkbox for prescription got that still have medication balance Quantity. Error message appear info 0522, this order has been prepared / modified by someone else. please select other patient .If user click dispense without ticked complete checkbox user able to dispense the medicine. Since using PHIS V1614, user has found 2 issue which happen to new Prescription and partial Partial supply prescription.It happened to different drug. Sample 2 patients affected: MRN 229973 drug affected is carbimazole MRN 203553 drug affected are ferus fumarate syrup and Folic acid syrup. User unticked back complete checkbox in order to dispense, although user should complete the prescription.	Concurrent user will be checked based on allocate qty, status and balance qty. For this issue, it happens due to concurrent user checking function. When select on Complete checkbox, system will compare the value of balance qty in database. If both values are different, then alert 'this order has been prepared / modified by someone else' will be displayed.	6/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
10	I-PhIS020603517S	Hospital Pekan	Pharmacy Inventory	18/9/17	Budget Movement - Budget deduct two times	User reported budget deduct two times at budget movement. One transaction show PO eP Approve and another one transaction is show PO eP Approve Excess. PO No.: PO17003940 Vote Code: 100401/030600/27499/99	Multiple time updating on detail level and concurrent issue on ep approval/Approval not handled, hence it leads to duplicate record on budget movement.	6/10/17	
11	I-PhIS020680717S	Klinik Kesihatan Sarikei	Pharmacy Inventory	26/9/17	Indent (SPUB) - Error popup when click Send For Approval & double click indent	Pn Linda report for indent no R17000757 & R17000757, when user click button Send For Approval appear pop out 'an error has occurred. Please contact your system administrator'. She inform want to send indent to Hospital Umum Sarawak.	Concurrent validation not handled on send for approval hence task list tries to insert again which lead as to DB exception.	12/10/17	
12	I-PhIS020664717S	Klinik Kesihatan Batu 2 1/2	Pharmacy Inventory	25/9/17	Indent SPUB/Manufact - Missing Retreive button	Puan Mawar reported she receive External Notification: Online Indent SPUB Received (1). However when click for the check box, and go to page indent, no new indent number was listed. Furthermore no Retrieve button provided. User ID : 820314115040	Retrieve button visibility not handled based on Spub/Manufacturing setup.	12/10/17	
13	I-PhIS020548917S	Makmal Ubat dan Stor Bahagian Sibu	Pharmacy Inventory	12/9/17	KEWPS 10 - Designation for 'Pegawai Pemesan' keep changing	User reported that designation for 'Pegawai Pemesan' is keep changing. User identify it happen for two facility. Both id are designation for Penolong Pegawai Perubatan but it appear as Pegawai Farmasi U41 KK Kuala Igan ID:860105525605 (MOHD FIRWAN)	Parameter not passed properly, hence showing wrong indenter details.	12/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						No Issue: (M02PS001-0010307) Klinik Ladang Sawit ID:860818134375 (Mike Robson) No Issue: (E02PS001-0010885)			
14	I-PhIS020586917S	Hospital Kuala Lumpur	Pharmacy Inventory	15/9/17	Receiving - Duplicate transaction by the same issue note	Ms Jessica reported she had issue as stock replenish from Substore farmasi satellit 1 to farmasi satellit 1. Then when she check at item movement screen, there were duplicate transaction of "RECEIVE ITEMS INTRAFACILITY" of 1000 tabs of T. Clonazepam 2mg and 300 tabs of T. Alprazolam 0.25mg with two different receipt number (RI17015276 and RI17015277). Then when traced back the record using the RI17015276 and RI17015277. It was noted that both of the receipt number shared the same note no. F02SSFS1-0005235. Then when clicked on the transaction for RI17015277, the receipt number for the chosen transaction appeared as RI17015276 on the printed KEW.PS-11. In short, there were two receipt number (RI17015276 and RI17015277) generated for the same note number. (F02SSFS1-0005235).	Receiving by Return to Supplying Unit & Receiving by Stock Replenish against a same issue note number was allowed to be done for multiple time.	9/10/17	
15	I-PhIS020716717S	Klinik Kesihatan Ampangan	Pharmacy Inventory	28/9/17	Unit catalog list - Cannot print report Non Drug	User reported unable to print report Non drug at Unit Catalog List for JPL (jabatan pesakit luar) due to after click on printer icon nothing	Currently user are able to edit item group field for existing item. When click print button, conflict	6/10/17	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						appear. User print Drug not problem. User already use other ID, and tried print from other PC but still not appear.	happen on find the correct item group.		
16	I-PhIS020718117S	Hospital Kuala Lumpur	Report/Enquiry	28/9/17	Clinical Pharmacy Registry - record not update	Mr Ang inform if he select Type of Intervention: Miscellaneous Description: Others in PCI and at Clinical Pharmacy Registry it will not updated. Refer attachment.	Missing report are caused by Miscellaneous by others column are yet created inside listing and also report	6/10/17	
17	I-PhIS020740017S	Hospital Mukah	Report/Enquiry	1/10/17	Enquiry Registry - appear pop up error	User reported have an an issue while printing and generate the report for enquiry registry September 2017. The pop out error showed ERROR 764 and please contact the administrator.	Error occur due to wrong enquiry status updated, only responded drug info will appear in enquiry registry	11/10/17	
18	I-PhIS020726817S	MUSN Kuching	Report/Enquiry	29/9/17	Issue Report - Transaction not captured	Mr Wong reported there has issuing of all APPL ship-to items is not captured in the Issue Report and Issue Quantity in Purchase Order. He also already check in item movement, transaction not capture for the item he issued. Kindly refer attachment. Examples item: 02.0003.05 (Acetyl salicylic 300mg Tab) 01.0804.01 (Ravin enema)	Approve date field value not set properly at tables files Issue Report	13/10/17	

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_V1.6.1.8_8.txt 2. PatchScripts_PhIS_V1.6.1.8_8_Functions.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/facility/scripts
2	Facility Application	iphis_v1.6.1.8.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/facility/war
3	Facility Application	PhISSchedulers_v.1.6.1.8.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/facility/jar
4	HQ Script	PatchScripts_IWP_v1.6.1.8.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/iwp/scripts
5	HQ Application	phishq_v1.6.1.8.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/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_V1.6.1.8_8.txt 2. PatchScripts_PhIS_V1.6.1.8_8_Functions.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/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_v1.6.1.8.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/facility/war	Please rename the war file from iphis_v1.6.1.8.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.1.6.1.8.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.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_v1.6.1.8.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.6.1.8.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.6.1.8/iwp/war	Rename the war file from phishq_v1.6.1.8.war to phishq.war then Deploy using Glassfish Administration Console