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

Release Note

For version 2.0.1.3

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	05/11/2018	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	:	2.0.1.3
Client Name	:	Ministry of Health
Release ID	:	RL18/021
Release Date	:	05/11/2018

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 2.0.1.3.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
2	I-PhIS045079918S	Hospital Kuala Lumpur	MTAC	7/9/18	MTAC Reporting - Appear wrong name at Transcribe by	Ms.Chia reported when see view record MTAC that has been made to other Staff. Name at Transcribe appear his name instead of the created record.	transcribe by taken login user name	25/10/18	
3	I-PhIS045173718S	Klinik Kesihatan Greentown	Pharmacy Inventory	14/9/18	Indent (Intra Facility): Pending Receive Qty Displayed as 0 for CLOSED Indent	email: User reported they add drug item to indent to main store and after pressing save an error message pop up saying: cannot indent item since stock available + pending to receive is greater than or equal to max storage. There is currently no pending items to be received. All items are also issued our therefore available stock quantity in the inventory is currently 0. However system does not allow to indent. It happen to all drugs Example:	lazy initialization not handled properly.	24/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						A11AA03903T1001XX.01 - Pre/Post- Natal Vitamin and Mineral Tablet			
4	I-PhIS045235118S	Bahagian Perkhidmatan Farmasi (BPF)	Report/Enquiry	18/9/18	KKUPP - error in excel formula for "total cost per prescription"	Kindly check the formula for report KKUPP which is exported to excel for column "total cost per prescription" Kindly refer attachment.	Wrong column value mapping in report.	22/10/18	
5	I-PhIS045251818S	Hospital Permai	Ward Pharmacy	19/9/18	Ward Pharmacy (CP2) - Wrong transcribe name	Based on report 17226671C, the issue still happen at v1.7.1.6 which is the all patient record in Ward Pharmacy (CP2) has wrong Transcribe By. She informed the transcribed by still not being removed.	in pharmacy base the transcribe by fields code not remove on ward pharmacy cp2 screen	23/10/18	
6	I-PhIS045286218S	Klinik Kesihatan Merlimau	Report/Enquiry	21/9/18	KPI 4a - Stok Semasa and Kadar Pusingan Stok shows 0	Issue: Pn Azura reported 'Stok Semasa' and 'Kadar Pusingan Stok' shows 0 when she generate for Financial Year = 2017 and Financial Year = 2018.	Wrong formula & mapping of data	24/10/18	
7	I-PhIS045301318S	Bahagian Perkhidmatan Farmasi (BPF)	Report/Enquiry	21/9/18	KKUPP - Prescription appear not in sequence	Receive email from user Ms Norazimah : dalam laporan KKUPP yang dijana dalam bentuk PDF dan Excel menggunakan training server Hospital Kulim untuk tarikh 4 Jun 2018, didapati ada beberapa preskipsi dengan data yang tidak tepat iaitu: 2. No. Preskripsi KP20000403367, semua 4 item tidak berada pada row yang berdekatan (dihighlight dengan warna merah dalam excel). Sepatutnya item pada no preskripsi yang sama perlu berada pada row	PDF printing not based on order of listing value.	23/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						yang berdekatan bagi memudahkan semakan.			
8	I-PhIS045382018S	Hospital Dutchess of Kent	Drug Information & Consumer Education	26/9/18	DICE - Drug Information Request No. generate another no after edit Response details	Miss Lam reported Drug Information Request No. generate another number after edit response then click save. Her PRP did the enquiry Step Click Button Add new record 1. Enquirer Details : tick Autofill my profile Fill in Enquiry From 2. Patient Details : No detail for patient 3. Enquiry Details : Tick Purpose of Enquiry & fill in Enquiry Summary Details Click Save 4.Response Details : Tick Category of Enquiry & fill in response Click Save Close Screen Reopen Screen. Edit Response > Click Save > new number generated 1. DI1800001996 2.DI1800001998 user check in report Enquiry Registry - DI1800001998 not exist Enquiry Analysist - DI1800001998 exist	Wrong implementation of Cancel function. Previously system will directly save the new records when clicking on Cancel button and cause this duplicate issue. Suppose system need to clear the entered data only	23/10/18	
9	I-PhIS045397118S	Klinik Kesihatan Greentown	MTAC	26/9/18	Unable to CANCEL MTAC order (no edit button)	Receive email from user : We are unable to cancel MTAC order as there is no edit button MTAC no : MTA180008298	button edit not proper set for status schedule	22/10/18	
10	I-PhIS045423118S	Hospital Tawau	Pharmacy Inventory	27/9/18	Item Batch: System not handle properly if entered backdated expiry date	Receive email from Nurena Hamir on behalf user Mr Fitri : Tarikh luput di PhIS tidak sama dengan DO. LPO 229120 item 02.1202.02	Validation not checking properly when click close button with save option.	22/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
11	I-PhIS045437118S	Hospital Miri	Ward Pharmacy	28/9/18	Ward Pharmacy - PCI - No changes after edit in interventions	Encik Faizul reported no changes after edit in PCI- Interventions Step : -User fill in detail for 'other issue' than click 'add/update' -The detail updated in 'intervention' -Double click on the detail -Edit data -Click Save -No changes -User need to key in new entry. MRN : HMIRI00215864	code for update existing value not proper setting	25/10/18	
12	I-PhIS045451518S	Klinik Kesihatan Chemor	Medication Counseling	28/9/18	Medication Counselling Reporting - System not captured pharmacist note details	User reported system not captured complete pharmacist note details. Confirmed by user issue happen for 4 medication counselling no. Step: -User add medication counselling reporting -User fill in all the field and user enter some details at pharmacist note column. -User click save. -After a while, user edit that reporting to enter more details in pharmacist note and click confirmed button. -When user open again the reporting, at pharmacist note appear some details that already key in at the first time only and status order become conformed. -For the complete details that has been entered for the 2nd time was not captured by system. MRN: 88925 Counselling No.: MC1800003365 Created date: 24/9/2018 User ID: 870918015222 V1823	on confirm event if new added without click save button will not save on DB	22/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
13	I-PhIS045468018S	Klinik Kesihatan Kalumpang	Drug Information & Consumer Education	30/9/18	Enquiry Analysis - Category of Enquiry not appear as user filter	Encik Omar reported Category of Enquiry not appear as user filter. For example user filter as Pharmaceutical Compatibility but appear in list is different.	Category of Enquiry not fully shown if have multiple Category of Enquiry in one record when print report.	22/10/18	
14	I-PhIS045481418S	Klinik Kesihatan Serendah	Clinical Pharmacokinetic Services (CPS) & TDM	1/10/18	TDM Registry - Draft order appear in report	User reported failed to confirmed order for the 1st time order. After that she proceed to confirmed for the 2nd order. But when user check again in TDM registry, both order was appear. User informed for the 1st order she couldn't find order at any stage but she can find for the 2nd order only. Confirmed by user, she want to cancel for the 1st order due want to proceed with the 2nd order. MRN: KKE10006100086497 TDM No.: 1st order no. = TDM0000000001 (cancel) 2nd order no. = TDM0000000002 (remain) User ID: 810611015848 V1716	Current registry query includes all data when generating TDM registry report, included Draft orders too in the query selection	23/10/18	
15	I-PhIS045510318S	Hospital Umum Sarawak	Pharmacy Inventory	2/10/18	Inter Facility Indent - Remarks not save accordingly.	Mdm Choo reported she received indent from external - Hospital Simunjan, inside this indent user from Hospital Simunjan put some remark on indent. Previously Mdm Choo informed remark will appear but today after upgrade version, remark from external not appear.

External indent n : R18001928 | Remarks values not setting properly | 24/10/18 | |

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
16	I-PhIS045537218S	Klinik Kesihatan Gombak Utara (Batu 8)	Patient Management	3/10/18	Patient Registration - Able to save future date on date of birth.	Pn Ashura reported patient age shows wrong when she want to register. She inform patient year of birth is 2018 but in system it appear as 99 years old. Confirmed by user, she already update the patient Date of Birth at patient demographic screen but problem still persist. Patient IC no.: 181115140507	Constraint not setting properly for Date of Birth component.	22/10/18	
17	I-PhIS045539218S	Klinik Kesihatan Seksyen 7 Shah Alam	Medication Counseling	3/10/18	Medication Counseling : Error when closed CP1	User reported whenever she Save or Close the reporting after add Drug at CP1 system prompt error message "An error has occurred" Patient MRN : KKE10006300082026.	Error is displayed due to patient have no visit and error is handled by prompt alert message to open patient visit page	22/10/18	
18	I-PhIS045543918S	Hospital Umum Sarawak	Special Drug Request	3/10/18	Special Drug Request - Error occur to save patient details	Miss Sherly reported error occur to save patient details. (Kindly refer attachment user for error occur) Steps: Add patient details - save - double click patient - delete due to wrong patient - add new patient details - save - error Facility Request no.: HUS0567/2018 Status: New Request	Delete function not working properly due to lazy initialization exception.	23/10/18	
19	I-PhIS045564718S	Hospital Tawau	Pharmacy Inventory	4/10/18	Item Movement : Double transaction created for receive inter facility(manual)	Puan Young reported at item movement system captured double receiving transaction. Therefore their stock was added 2 times. User only performed receiving on 13/Sep but there was record for	validation message not implemented properly	23/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						receiving also on 14/Sep. Receipt Number : P180002221			
20	I-PhIS045569818S	Klinik Kesihatan Kalumpang	Report/Enquiry	4/10/18	Enquiry Analysis - Category of Enquiry not tally	User En Izzat from PKD Hulu Selangor reported on behalf user at KK Kalumpang. He informed Category of Enquiry in Enquiry Analysis report not tally with Category of Enquiry in Drug Information screen. Kindly refer File Upload. Example Category: 1) Drug: appear in drug information screen but not appear in enquiry analysis report. 2) Interaction: Appear in enquiry analysis report but not appear in drug information screen. V1716	Wrong label issue. Label mismatch between Drug Information and Enquiry Analysis report screens. Label 'Drug' for Category of Enquiry inside Drug Information dialog screen is not renamed to 'Interaction'	23/10/18	
21	I-PhIS045571418S	Klinik Kesihatan Buntong	Patient Management	4/10/18	Patient Registration - Age wrongly appear	User Pn Nabila reported patient's age wrongly appear when she register new patient. User informed date of birth for patient is 25/7/1913. Age appear as 5 years instead of 105 years. IC No. Patient: 130725085087	Issue happened due to validation in code, during save, there is a validation to check key in ID is valid or not, if the ID is valid, resetting the Patient DOB again and recalculating age in Full registration.	22/10/18	
22	I-PhIS045599218S	Klinik Kesihatan Balakong	Pharmacy Inventory	5/10/18	RPL - Unable to add item	User reported she unable to add item (Appl) due to when she insert drug code number, no record found appear. If user click generate RPL, drug code reported appear in list. Details as below: M04AA01000T1001XX 02.0004.06	in RPL screen,while add item back order quantity conditions not handled properly.	24/10/18	
23	I-PhIS045719418S	Hospital Umum Sarawak	Manufacturing -	10/10/18	Radiopharmaceuticals - Unable to find	Miss Lau reported unable to proceed preparation for MRN HUS00337662 due no record. User	Dispensing Location field in RP Appointment was directly display the value	29/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
			Radiopharmaceutical		patient - location dispensing inactive	already search at module Verification , Preparation and Dispensing. Unit : Nuclear pharmacy MRN : HUS00337662	from Default RP Outsource Location in Facility Info. And when confirming RP order, Dispense location was taking directly from facility info instead of selected dispense location while confirming order. Due to this system unable to trace the RP order at dispensing stages		
24	I-PhIS045737618S	Klinik Kesihatan Kalumpang	Drug Information & Consumer Education	10/10/18	Drug Info - Time taken to respond not reasonable	En Omar reported time taken to respond is not reasonable due to the transaction verified on 30/7/2018 and responded today 10/10/2018 but the time taken to respond shows 3 days 4 hours. User informed it should be already 2 months more. Drug Info Request no.: DI1800000017 User ID: 680207106331	code not proper setting for Day/time calculation	23/10/18	
25	I-PhIS045798318S	Hospital Raja Permaisuri Bainun	Clinical Pharmacokinetic Services (CPS) & TDM	12/10/18	TDM Verification - Patient not found - draft status blank	Pn Aisyah reported user from Klinik Pakar Neufro sent TDM to TDM Pharmacy but user informed she already search ID patient but not found. They sent on 4/10/2018. ID patient: 481022105576 880213235451	Record not found in TDM Verification due to order is draft status. Issue has been raised by user due to TDM records are still displayed inside Clinical Summary even status is in draft and user thought this record should appear in TDM Verification screen. Suppose draft record should not appear in Clinical Summary	23/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
26	I-PhIS045815118S	Hospital Kuala Lumpur	Report/Enquiry	12/10/18	Clinical Pharmacy Registry - No of intervention not tally with no of intervention accepted - v1823	Inappropriate Regimen -2.2 Dose - intervention accepted recorded wrongly Note that the number of intervention is 5 BUT "number of intervention accepted" recorded as Zero, which actually should be 5. (refer attachment). User's colleagues and he very sure that have pressed "accepted" button when doing the PCI (Intervention 2.2 - Dose). Attached example another from another ward.	for PCI dose accepted not display in report because wrongly set field for dose inappropriate in jasper report	24/10/18	
27	I-PhIS045955518S	Cawangan Farmasi Logistik Negeri Sabah	Pharmacy Inventory	17/10/18	RIQ interfacility - Listing page not remain after issue out	User Mr Human inform in version 1.7 , page will remain the same page after user issue out for transaction. In version 1.8.2.3 page been auto back to main page.	List value refresh not handled properly	23/10/18	
28	I-PhIS044487618S	Hospital Seri Manjung	Pharmacy Inventory	8/8/18	Stock Transfer v1716 - request Stock Transfer under Stock transfer not Issue	Pn Zuraidah inform currently for new v1716 Stock Transfer is under Inventory> Inventory Management>Distribution>Issue> Stock Transfer. This is will make confuse especially user Ward due to user only notice Stock Transfer and not Issue module. Therefore she request Module Stock Transfer have their own module same like previous version.	Menu not inline due to common design style	30/10/18	
29	I-PhIS046379418S	Klinik Kesihatan Rantau Panjang	General Module	30/10/18	Drug Master - Able to delete dispense UOM if dispense UOM conversion factor equal to 1	Puan Zanariah reported unable to edit dispense UOM Status due to pop up message : Selected record has conversion factor equal to 1. Drug Code : A02BA02110T1001XX Ranitidine 150 mg Tablet UOM :	Currently system allow to delete dispense UOM even the conversion factor is 1 due to there is no checking on conversion factor.	31/10/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Tablet Conversion factor = 1 User wants to change status from inactive to active.			

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_V2.0.1.3.txt 2. PatchScripts_PhIS_V2.0.1.3_Functions.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/scripts
2	Facility Application	iphis_v2.0.1.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/war
3	Facility Application	PhISSchedulers_v.2.0.1.3.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/jar
4	Facility Application	PhISService_v.2.0.1.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/war
5	Mobile Application	iphismobile_user_v2.0.1.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/war
6	Mobile Application	ipadhosp-2.0.0b20.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/Mobile
7	HQ Script	PatchScripts_IWP_v2.0.1.3.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/iwp/scripts
8	HQ Application	phishq_v2.0.1.3.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/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_V2.0.1.3.txt 2. PatchScripts_PhIS_V2.0.1.3_Functions.txt	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/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_v2.0.1.3.war	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/war	Please rename the war file from iphis_v2.0.1.3.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.2.0.1.3.jar	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.
4	Facility Application	PhISService_v.2.0.1.3.war	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/facility/war	Please rename the war file from PhISService_v.2.0.1.3.war to PhISService.war then deploy.
5	Mobile Application	iphismobile_user_v2.0.1.3.war	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/Mobile	Rename iphismobile_user_v2.0.1.3.war to iphismobile_user.war and deploy.
6	Mobile Application	ipadhosp-2.0.0b20.war	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/Mobile	Rename ipadhosp-2.0.0b20.war to ipadhosp.war and deploy. - Mobile Frontend: 2.0.0r17 - Mobile Backend: 2.0.0b20

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_v2.0.1.3.txt	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/iwp/scripts	Execute as Script
2	HQ Application	phishq_v2.0.1.3.war	https://10.1.2.0.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.1.3/iwp/war	Rename the war file from phishq_v2.0.1.3.war to phishq.war then Deploy using Glassfish Administration Console