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

Release Note

For version 1.8.2.1

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	19/07/2018	Zainura	Chew Ming Ping	First Version

Verified and Acknowledged by:

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Peer Review

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1.0	Juridah (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 FOR PHIS & CPS WEB APPLICATION 3
3.2 RESOLVED DEFECT LIST 3

4 REFINEMENT LIST – DETAIL CHANGES 9

5 DEPLOYMENT - PROCEDURES 10

5.1 LIST OF ITEMS TO BE DEPLOYED 10
5.2 BACKUP PROCEDURE BEFORE DEPLOY 11
5.2.1 Backup Procedure 11
5.3 DEPLOYMENT/INSTALLATION GUIDELINES 11
5.3.1 Deployment at Facility 11
5.3.2 Deployment at HQ - IWP 12

1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	1.8.2.1
Client Name	:	Ministry of Health
Release ID	:	RL18/014
Release Date	:	19/07/2018

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 Web Application

N/A

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 1.8.2.1.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS035077218S	Hospital Pekan	Pharmacy Inventory	8/5/18	Return Suppying Unit - Disediakan Oleh appear wrong name	Pn Norhayati reported in document Return Supplying Unit appear wrong name. Before this Disediakan oleh should be appear name of approval but today appear name person who make transaction return. No receive note: RI18022797 Email from user: Berkenaan laporan aduan GOODS RECEIVED NOTE, return item di buat oleh En Abdul Rahman Jalil dari unit Sub Stor Farmasi Galenikal dan Prabungkus ke Unit Farmasi Logistik dan telah di terima oleh Pn Noorhayati bt Yakub. Tetapi pada Goods Received Note , disediakan oleh dipaparkan nama En. Abdul Rahman Jalil di mana sebelum ini bahagian tersebut akan di	"created by" column validation not handled properly because after receiver received the record only need to show created by value	22/5/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						paparkan nama pegawai stor yang menerima Return Item tersebut.			
2	I-PhIS039231118S	Hospital Sibu	Pharmacy Inventory	12/6/18	Indent (Intra Facility) - Drops down list is not same with the filter	Mr Ting reported When he want to do the indent, he filtered it with external prearation. After he saved the indent, but he want to add in some items before proceed to "send for approval", the list of drug drops down is not the external preparation	Item subgroup value not passing properly when do add item	6/7/18	
3	I-PhIS039773118S	Hospital Miri	Outpatient Pharmacy	19/6/18	Screening & Verification - Tapered dose rx missing	Ms Chua informed drug escitalopram (tapered up) dose is acknowledged but the rx cannot be found anywhere. Patient name: Sim Beng Hui, MRN: HMIRI00144578 Rx : PSYC0000823905 Drug name: Escitalopram 10 mg Tablet (tapered up) v1.8.1	Acknowledgement event fail to create queue acknowledge record which is required for Screening /Single stage listing. Reason is active drug checking [for drug expiry] carried out on only main drug during queue record creation takes place.	10/7/18	
4	I-PhIS040115118S	Hospital Raja Permaisuri Bainun	Report/Enquiry	21/6/18	Report Inquiry Pending List - Error when click print button at listing page	SIT Hisyam reported on behalf user Lew Pit Chin, informed that user unable to proceed print pending list report due to when print, print preview appear error HTTP. Refer user attachment as reference.	Groovy language was used to generate report but some servers does not support/have this language and hitting error.	6/7/18	
5	I-PhIS040689118S	Pejabat Kesihatan Daerah Seberang Perai Selatan	Pharmacy Inventory	26/6/18	Purchase Order - Unable to eP approve	Pn Hidayah reported unable to eP approve for PO from KK Bukit Panchor due to when click eP approve, popup appear 'LPO no is already exist'. However when user check at PO listing, there is no redundant LPO belong to other PO. PO no: PO18000269 (KK Bukit	Order status not set properly after Epapprove fails and LPONo validation having issue.	6/7/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Panchor) LPO no: CO180000000131043 ID: 870914015866			
6	I-PhIS041073118S	Bahagian Perkhidmatan Farmasi (BPF)	IWP	28/6/18	Item Master (IWP) - Unable to create drug/non drug name	Received email from user to report she able to add name of non drug in non drug screen but when come to item master screen, it not allow to create. Kindly refer attachment for reference. Non Drug Code: S2070550311	Field length of textbox in Item Master (100) is less than non drug name (200) in Non Drug screen, thus hit error if non drug name entered more than 100 char	6/7/18	
7	I-PhIS041133118S	Hospital Miri	Outpatient Pharmacy	29/6/18	Re-Dispensing - Error message appear when click re-dispense	User Ms Chua reported error message appear when click re-dispense for minor-ot848270 for the maxitrol Q2H MRN - HMIRI00128032	During validation for allocated qty system hit null pointer exception for drug not selected.	12/7/18	
8	I-PhIS041143118S	Klinik Kesihatan Menglembu	Report/Enquiry	29/6/18	Medication counselling reqistry - no record found	User reported,unable to trace and print out Medication Counselling Registry for 1st to 31st May 2018 - no records found!	Error is caused by not enough length for topic and subtopic values in Medication Counselling Registry. Thus error is happened at backend and system unable to get the search result	16/7/18	
9	I-PhIS041505118S	Hospital Seberang Jaya	Order Management - Web	3/7/18	Transcribe order - Set default dose to 2 decimal places only for syrup	Current situation : For Conjugated Oestrogens 0.625mg Tablet, the default dose is set as 0.625mg but when transcribe, it appears as 0.62mg. Problem : This creates an error when calculating quantity to dispense, and an error when generating instructions in the label.	Issue happen because system displayed decimal format in 2 decimal point only	16/7/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Request : We suspect this problem occurred because all default doses is set to 2 decimal places (probably for calculating syrup dose). Set default dose to 2 decimal places only for syrup medications.			
10	I-PhIS041649318S	Hospital Seri Manjung	Ward Pharmacy	3/7/18	Ward Pharmacy (CP1) - Order details in prescription medication shows blank	User reported order details in prescription medication shows blank when she preview in pdf. User claimed previously she has insert the order details but when she open again, it shows blank. This issue is affected to all patient. Kindly refer attachment for reference. Details as below: Example of MRN No: 158523 User ID: 870313065796	In jasper, the expression formula to display order detail not function properly.	11/7/18	
11	I-PhIS041997118S	Hospital Miri	Outpatient Pharmacy	5/7/18	Re-Dispensing - value appear wrongly - UOM in label	User Ms Chua reported value appear different between PhIS and Label.It happen to insulin, the total pen to be supplied says "IU" instead of "pen". Example: MRN : 159681 RX no : nonmohhd802970	If normal dispensing process using Alternate drug for dispensing, then when in re-dispensing process, system wrongly pointing Drug Quantity uom in label printing.	18/7/18	
12	I-PhIS042101218S	Klinik Kesihatan Menglembu	MTAC	6/7/18	Unable to edit CP1 in mtac reporting and all the keyed in medication lost	Receive email from user : When I first opened the mtac reporting for patient Mrn KKE08007000083606, i can see all the medications stated as UNCOLLECTED in past medication history. But when i clicked on CP1	Error happened due to prescription medication listing have certain criteria to show record. If comment is not entered/blank during adding prescription medication, then that	11/7/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						button on the top right hand side, there were only T. Gliclazide MR and T. Saxagliptin inside and it was uneditable. So, i keyed in all the medications needed one by one and saved. After that, duplicated medications appeared in Past Medication History (both as status Uncollected and Continue - as in first picture). I clicked on CP1 button on the top right hand side again, i can only see T. Gliclazide MR inside. All the medications i keyed in were LOST! (as in second picture) Also, MTAC visit date on the report was WRONG (supposed to be today's date - 6/7/2018, as in 3rd picture).	medication will not be displayed in that prescription medication listing		
13	I-PhIS042729118S	Hospital Sultanah Aminah	Pharmacy Inventory	11/7/18	Buffer Level Auto Calculation - Execute every night instead of selected period	I had change my stock (min, max, buffer etc) end of June. Early July during my routine indent, I found that most of the info already altered. Is it possible that the min, max and buffer level is automatically changed due to bugs? Please refer to attachment (some examples). Unit catalogue: Farmasi pesakit dalm substore Drug: Ranitidine 50mg previously changed max 3500, buffer 1500,	Scheduler running everyday instead of half-yearly.	12/7/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						min 750 Drug: Streptomycin Sulphate 1g inj previously changed max 300, buffer 100, min 50 Drug: Heparin Sodium 50 IU/5 ml previously changed max 40,000			

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_v1.8.2.1.txt 2. PatchScripts_PhIS_V1.8.2.1_FunctionAndViews.txt 3. Patch_Scripts_2.0_Release_In_1821.txt	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/scripts
2	Facility Application	iphis_v1.8.2.1.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/war
3	Facility Application	PhISService_v1.8.2.1.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/war
4	Facility Application	PhISSchedulers_v.1.8.2.1.jar	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/jar
5	HQ Script	PatchScripts_IWP_v1.8.2.1.txt	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/scripts
6	HQ Application	phishq_v1.8.2.1.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/war
7	HQ Application	masterRelease_v1.8.2.jar	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/jar
8	HQ Application	epservice.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/war
9	Mobile Application - Clinical	iphismobile_user_v1.8.2.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.2/Mobile

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_v1.8.2.1.txt 2. PatchScripts_PhIS_V1.8.2.1_FunctionAndViews.txt 3. Patch_Scripts_2.0_Release_In_1821.txt	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/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_v1.8.2.1.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/war	Please rename the war file from iphis_v1.8.2.1.war to iphis.war then deploy.
3	Facility Application	PhISService_v1.8.2.1.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.1.8.2.1.jar	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Mobile Application - Clinical	iphismobile_user_v1.8.2.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.2/Mobile	Rename iphismobile_user_v1.8.2.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_v1.8.2.1.txt	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.8.2.1.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/war	Rename the war file from phishq_v1.8.2.1.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v1.8.2.jar	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/jar	Rename the jar file from masterRelease_v1.8.2.1.jar to masterRelease.jar and copy to directoty '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.1.8.2.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.2.1/iwp/war	Deploy using Glassfish Administration Console