



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

Release Note

For version 2.0.3.6

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**Revision History**

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1.0	03/05/2019	Zainura	Chew Ming Ping	First Version

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Peer Review

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1.0	Juridah (QA)	Initial document



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1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.0.3.6
Client Name	:	Ministry of Health
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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 2.0.3.6.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS051419119S	Klinik Kesihatan Bakri	Outpatient Pharmacy	10/4/19	Labelling - Different Start Date appear	Puan Ain reported when she want to print label, the date appear wrongly IC patient: 510422015334 Name: Rosminah Buang	Issue happens due to on tick PROCEED TO PREPARATION calling old allocation function taking wrong supply start date. So due to this showing different supply start date when on tick PROCEED TO PREPARATION and on Click Auto Allocation.	2/5/19	
2	I-PhIS051431619S	Klinik Kesihatan Bandar Maharani	Order Management - Web	10/4/19	Medication Order - Error message appear - add drug from favorite	User reported she unable to add drug from favourite list due to error message "an error has occurred, please contact your system administrator" appear. User claimed it happened to 1 patient by this morning. Details as below: IC No: 060511040245 Drug: Metoclopramide 10 mg tablet & Oral Dehydration Salt User ID: 830424105432	Issue happen for drug setup as Split Dose Applicable = false, Fractional Dosage = True, Dosage Round Up = False, Strength = No null. When add from favourites, hit error for drug strength uom not initialized.	30/4/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
3	I-PhIS051629419S	Hospital Raja Perempuan Zainab II	Outpatient Pharmacy	17/4/19	SPUB R1 Form - Drug not tally	Pn Amira Balqis reported drug not tally in SPUB R1 Form. MRN : HRPZ451589 (Rabiatul Adawiyah) Please refer attachment (issue no 4) for further details	SPUB record with tapered drug was not included and causing qty not tally on SPUB R1 Form	30/4/19	
4	I-PhIS051653119S	Klinik Kesihatan Bandar Maharani	Pharmacy Inventory	18/4/19	Adjustment - Batch no not appear	User Ms Angelis reported 1 batch no not appear when do adjustment. User inform she check in item batch have 6 batch no but appear only 5 batch. Item code :03.3603.05 Batch no not appear : P310A255	Due to height attribute batch no bandbox not showing entire listed values.	26/4/19	
5	I-PhIS051741119S	Hospital Seri Manjung	Pharmacy Inventory	22/4/19	RIQ (Intra) - Max Storage_Buffer Qty_Info pulled from wrong Catalogue	User: Pn Nurul reported wrong info of Indenter information shows in RIQ intra facility. She inform issue happen after facility upgrade new version. Issue also happen at other indent. She provide example as below for checking. Indent no: K19002265 Item: Sterile water Max storage (RIQ screen): 2000 Max storage (Unit catalogue): 200 Unit catalogue: OT	In Query always taking issuer request unit When retrieve max storage qty and buffer level qty	26/4/19	
6	I-PhIS051742719S	Hospital Seri Manjung	Inpatient Pharmacy	22/4/19	Screening & verification - Button fully supply not functioning - IP	User reported unable to fully dispense due to when user click on fully dispense button nothing happen. User informed she need manual allocate drug before she can proceed to dispense prescription. Confirmed by user issue happen after deploy V2.0.3.4. MRN: 163781 Step:	Issue happens due to bug in coding, duration getting from wrong control name.	29/4/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						<ul style="list-style-type: none"> - Doctor prescribe drug for patient - At screening & verification screen, user click on full supply button but nothing happen. - User informed system not auto allocate. 			
7	I-PhIS051745519S	Hospital Seri Manjung	Outpatient Pharmacy	22/4/19	Screening & Verification - Supply duration change to default - alternate partial supply	User reported before this default item Gliclazide 60mg Modified Release Tablet and user changed to 30mg due to user used alternate, and user informed usually supply duration is 30 days, but now default turn to 15 days. Facility status is inactive. MRN - HSM00054428 Item Name: Gliclazide 30mg Modified Release Tablet Item Code: A10BB09000T5002XX.02	Issue happens due to when alternate drug qty per dose greater than 1 not considering in quantity calculation (Total dose / original drug strength). Due to this wrongly allocating.	30/4/19	
8	I-PhIS051745819S	Hospital Seri Manjung	Inpatient Pharmacy	22/4/19	Fill List - Unable to generate fill list - error click button fill list-interval frequency	User reported she unable to generate fill list for Ward 3A due to error message "an error has occurred, please contact your system administrator" appear. User claimed it only happened to this unit. Details as below: User ID: 800831085232	Issue happens because of strength UOM in drug master changed after order created.	30/4/19	
9	I-PhIS051783119S	Hospital Seri Manjung	Clinical Pharmacokinetic Services (CPS) & TDM	23/4/19	TDM Reporting - Pop up error contact admin	Puan Hanisah reported got pop up error contact admin after click print. Step : TDM Reporting > Double click patient details > Click Print > Pop up error (MRN : 198556) B/O Khairul Akmam (MRN:213989	Issue happened due to no initialization of drug dosage form	29/4/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
10	I-PhIS051805119S	Hospital Seri Manjung	Outpatient Pharmacy	24/4/19	Screening & Verification - System wrongly allocate - Interval Frequency	User reported system wrongly allocate at screening & verification screen. Situation 1: For MRN: HSM00095864 Mefenamic acid & tranexamic acid dose 500mg tds 7 days/ month = 42 tabs per month but system auto allocate 6 tablets/ month. Situation 2: For MRN: HSM00189968 Medroxyprogesterone 10mg bd for 5days system should supply 20tabs/ month instead of 2 tabs only.	Issue happens not due to interval frequency which is not handled in auto allocation.	2/5/19	
11	I-PhIS051809319S	Klinik Kesihatan Buntong	MTAC	24/4/19	MTAC Reporting - Number of MTAC Visit wrongly captured	En Surendran reported number of MTAC visit is wrongly captured when view the reporting. As confirm by user, supposedly it become 4 but in report it shows 1. User not sure if issue hapen to other patient since he just try this patient today. User concern this issue because of they need to fill up again all the patient details because if MTAC visit 1, all the patient details become empty. MRN: KKE08038300093287 No of MTAC visit: 1	Wrong query of searching previous visit number of MTAC order	26/4/19	
12	I-PhIS051816019S	Klinik Kesihatan Greentown	Pharmacy Inventory	25/4/19	PO Received Quantity updated even though failed to Approve Receiving	Encik Firdaus reported unable to approve receiving due to Pop up error fully receive please check the item code" Receipt no: P190000463 LPO No.: CO190000000619114 02.3001.01 Paracetamol 500 mg	Code placed wrongly to update receiving po details when click approve	2/5/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Tablet Status : pending approval Previous Report : 19648339C user request urgent and request check all item since previous report for different item.			
13	I-PhIS051883219S	Klinik Kesihatan Bandar Maharani	Order Management - Web	28/4/19	TDM Order - Unable to insert drug administration date/time	User reported she unable to insert drug administration date/time due to popup message "drug administration date/time should be between 23/04-21/05" appear. User query why system not allow due to she insert on 27/04/2019. Details as below: Sampling Type: Pre User insert 27/04/2019, 10:00 PM MRN No: KKE01003200056173	Date constraint not working , added validation for administration date	2/5/19	

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_V2.0.3.6.0.txt 2. PatchScripts_PhIS_V2.0.3.6.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.6.2(2.1_PhIS).txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/scripts
2	Facility Application	iphis_v2.0.3.6.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/war
3	Facility Application	PhISSchedulers_v.2.0.3.6.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/jar
4	Facility Application	PhISService_v.2.0.3.6.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/war
5	Mobile Application	iphismobile_user_v2.0.3.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/war
6	HQ Script	1. PatchScripts2.0.3.6_IWP.txt 2. PatchScripts2.1_IWP.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/iwp/scripts
7	HQ Application	phishq_v2.0.3.6.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/iwp/war
8	HQ Application	masterRelease_v2.0.3.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/iwp/jar
9	HQ Application	epservice.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/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_V2.0.3.6.0.txt 2. PatchScripts_PhIS_V2.0.3.6.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.6.2(2.1_PhIS).txt	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/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_v2.0.3.6.war	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/war	Please rename the war file from iphis_v2.0.3.6.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.2.0.3.6.jar	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.
4	Facility Application	PhISService_v.2.0.3.6.war	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/facility/war	Please rename the war file from PhISService_v.2.0.3.6.war to PhISService.war then deploy.
5	Mobile Application	iphismobile_user_v2.0.3.6.war	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/Mobile	Rename iphismobile_user_v2.0.3.6.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. PatchScripts2.0.3.6_IWP.txt 2. PatchScripts2.0.X_IWP.txt 3. PatchScripts2.1_IWP.txt	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/iwp/scripts	Execute as Script
2	HQ Application	phishq_v2.0.3.6.war	https://10.1.2.0.3.62:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/iwp/war	Rename the war file from phishq_v2.0.3.6.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.0.3.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.6/iwp/jar	Rename the jar file from masterRelease_v2.0.3.6.1.jar to masterRelease.jar and copy to directory '/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_ReleaseV2.0.3.6/iwp/war	To ensure (War) downloaded from SVN same in size (in bytes) and no corruption