



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

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## **Release Note**

**For version 2.0.3.1**

<p><b>Version : 1.0</b> <b>Document ID : PhIS_CPS/ReleaseNote/Refinement/19022019</b></p>
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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	19/02/2019	Zainura	Chew Ming Ping	First Version

### Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
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### Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
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	:	2.0.3.1
Client Name	:	Ministry of Health
Release ID	:	RL19/004
Release Date	:	19/02/2019

### 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 2.0.3.1.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS049217219S	Bahagian Perkhidmatan Farmasi (BPF)	IWP	15/1/19	KPK Special Drug Approval (IWP) : Error occur to open transaction (character)	Miss Coleen reported error occur to open transaction KPK Special Drug Approval. "Too Many character are entered At most 100 characters are allowed" Facility Request No: HPP0005/2019 PPF Registration No: C1536/2019 Drug Name: Injection Inotuzumab Ozogamicin 0.9 mg Powder for IV Soln	While displaying strength Column in Screen used Big decimal Conversion, which gives more than 2 decimal point values, Hence gets more than 100 chars in Create New Drug field which leads to error.	7/2/19	
2	I-PhIS049031119S	Klinik Kesihatan Jeruas	Outpatient Pharmacy	10/1/19	Single stage dispensing - Unable to find patient - negative waiting time	User report at dispensing screen can't proceed prepare for drug felodipine is status Acknowledge even already click prepare. and he check at Single dispensing screen show error "Please contact administrator" MRN patient KKE06004800082376 Zaiton bt ibrahim,	Waiting time became negative due to queue start date time overrides with latest date time during acknowledge after queue end date time was captured.	11/2/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
3	I-PhIS049647219S	Hospital Queen Elizabeth	Procurement - RPL/RFQ/Quotation/Contract	25/1/19	Quotation - Manufacturer name cannot more than 50 character	Miss Tee reported unable to proceed for quotation due to appear message when select column manufacturer. Refer attachment. Email from user : I can't proceed the key of Quotation for the below item due to the selection manufacturer error in system(too many character are....), please refer :	The error appear due to the size of Manufacture column in Quotation screen is 50. When value more than 50 is selected, the error message appear.	7/2/19	
4	I-PhIS049565319S	Klinik Kesihatan Air Itam	Issue - Online/Offline ,Replenish,Direct Issue	23/1/19	Stock Replenish - Item deducted even reject transaction(Concurrent)	Ms Wong reported she had reject the issue transaction but when check in item movement, all item involved were deducted from store. According to user, transaction have 6 items at first, then she delete 4 items. After that, user inform she had reject the whole transaction. Issue to OPD Issue no: F02PS001-0001188 ID: 831219055530	Concurrent validation not applied properly	8/2/19	
5	I-PhIS049447319S	Cawangan Farmasi Logistik Negeri Sabah	Pharmacy Inventory	21/1/19	Indent inter facility - Duplicate facility in Download Request excel file	User Mr Humam reported duplicated facility when user download request. Kindly refer file upload.	The duplicate record appear due to wrong query added in Download Request function.	8/2/19	
6	I-PhIS049688719S	Hospital Rompin	Stock Transfer	28/1/19	Stock transfer (Approve) - Error admin appear when save	Transaction number:T190000014 transfer from bekalan ward to substor. Error message"please contact administrator." after user click "YES" after allocate quantity.  Cik Atikah try to approve another	Validation lazy initialization and auto allocation approved quantity values not handled properly.	11/2/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						transaction transfer from substor to Bekalan ward no problem. Transaction number T190000016.			
7	I-PhIS049586419S	Hospital Mersing	General Module	24/1/19	Tasklist - Pop up error after click approve	User Ms Hidayah inform pop up "An error occurred" when user click button approve for receive intra-facility  Tasklist - click transaction - click approve. Indent no : K19000271 From FARMASI PESAKIT LUAR to SUBSTOR OPD FARMASI	Send for approval validation not handled properly so its allowing to create duplicate task list record.	8/2/19	
8	I-PhIS048801719S	Hospital Pakar Sultanah Fatimah	Inpatient Pharmacy	7/1/19	Drug Label - Wrong UOM appear when print label	Cik Aisyah reported UOM setting during alternate drug is 100 ml but when print label, the UOM appear as 100 vial. Refer user attachment as reference. MRN:HPSF00081622 Patient Name: OI TEW MIAN Drug Name: Human Albumin 20%, 50ml IV Soln	For alternate drug and show by qty was not handled properly to display dose if order uom is the same as strength UOM.	7/2/19	
9	I-PhIS049539119S	Klinik Kesihatan Kulim	Pharmacy Inventory	23/1/19	Request Order Authorization - Pop up error Insuffient Budget after approve LPO	Pn Ruwaida reported got pop up error Insuffient Budget after approve LPO Approve LPO - Insuffient Budget KK Kulim PO No : PO19000052 Total amount : RM5261.69  Votecode : 031401/030200/24501/01 Budget Balance : RM5261.63	During Budget validation,vote balance and order amount decimal gets differ due to decimal format placed in validation.hence if transaction amount and vote amount both same also prompt message.	13/2/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
10	I- PhIS049475319S	Hospital Raja Permaisuri Bainun	MAR - Web	22/1/19	MAR Recording - Record only show on the 1st day - Duration 1 week	Mr John call on behalf Ms Sarma (Nurse)unable to view patient in Ward 1D  HRPB913779 HRPB913898 HRPB911046 HRPB436002  Example for above patient record only show date until 19/1/2019, but the actual is on schedule must until 25th/1.	If user order for 1 week as duration with split dose then order normal dose frequency creating only for one day; which cause to creating MAR records also for 1 day only.	7/2/19	

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_V2.0.3.1.0.txt 2. PatchScripts_PhIS_V2.0.3.1.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.1.2(2.1_PhIS).txt	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/scripts">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/scripts</a>
2	Facility Application	iphis_v2.0.3.1.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/war</a>
3	Facility Application	PhISService_v2.0.3.1.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/war</a>
4	Facility Application	PhISSchedulers_v2.0.3.1.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/jar</a>
5	Mobile Application	iphismobile_user_v2.0.3.1.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/Mobile">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/Mobile</a>
6	HQ Script	1. PatchScripts2.0.3.1_IWP.txt 2. PatchScripts2.0.X_IWP.txt 3. PatchScripts2.1_IWP.txt	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/scripts">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/scripts</a>
7	HQ Application	phishq_v2.0.3.1.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/war</a>
8	HQ Application	masterRelease_v2.0.3.1.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/jar</a>
9	HQ Application	epservice.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/war</a>



## 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_V2.0.3.1.0.txt 2. PatchScripts_PhIS_V2.0.3.1.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.1.2(2.1_PhIS).txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/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_v2.0.3.1.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/war	Please rename the war file from iphis_v2.0.3.1.war to iphis.war then deploy.
3	Facility Application	PhISService_v2.0.3.1.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v2.0.3.1.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.



Step	Items	File Name	Source Path	Action
5	Mobile Application	iphismobile_user_v2.0.3.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/Mobile	Rename iphismobile_user_v2.0.3.1.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_v2.0.3.1.txt	https://10.1.2.0.2.22:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/scripts	Execute as Script
2	HQ Application	phishq_v2.0.3.1.war	https://10.1.2.0.2.22:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/war	Rename the war file from phishq_v2.0.3.1.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.0.3.1.jar	https://10.1.2.0.2:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/jar	Rename the jar file to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.2.0.2:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.1/iwp/war	Deploy using Glassfish Administration Console