



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

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## Release Note

For version 2.3.2.5

<p>Version : 1.0 Document ID : PhIS_CPS/ReleaseNote/Refinement/03092021</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	03/09/2021	Mohd Hilmi Mohamad	Zainura Said	First Version

### Verified and Acknowledged by:

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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	:	2.3.2.5
Client Name	:	Ministry of Health
Release ID	:	RL21/016
Release Date	:	03/09/2021

### 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 2.3.2.5:

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1	I-PhIS075466221S	Hospital Sultanah Aminah (A)	Outpatient Pharmacy	3/6/2021	Screening & Verification – Alternate Function	User reported when allocate Lopinavir 100mg Ritonavir 25mg tablet, alert message was pop up 'Allocated quantity is exceeding balance quantity. Please enter correct value'. The available quantity for the medication is still enough, suppose can allocate	Drug strength for the drug is 0 or null in Drug Master and this have caused error at backend calculation when do manual allocation, auto allocation and full supply functions	1/9/2021
2	I-PhIS075595121S	Hospital Tangkak (A)	Pharmacy Inventory	8/6/2021	Purchase Order (APPL: Requisition Order) – Error when Save	User reported popup appear "Please contact your system admin" when user click save button. Confirmed by user he able to select RO No. and item able to listed in item list. RO No.: RO21000129	System was unable to retrieve correct vote code value when selecting Requisition Order and this have caused error when saving the order	15/6/2021
3	I-PhIS076378421S	Klinik Kesihatan Chaah (B)	Outpatient Pharmacy	5/7/2021	SPUB Offline – Confirm Order in Record Prescription	User reported already register patient with visit offline SPUB. User already add drug at record prescription screen, but when user click confirm button, popup appear	Issue happened due to there was no checking for drug that have duplicate dispense UOM record with same UOM, conversion to primary SKU and status.	1/9/2021



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						"This order has been modified by someone else".	This have caused system unable to get the correct dispense UOM to be used in calculation and alert message is displayed	
4	I-PhIS077150621S	Klinik Kesihatan Lanang (A)	Pharmacy Inventory	5/8/2021	Return to Supplier APPL (Others) – No Integration with IWP and PIWP	User reported there was no integration with IWP and PIWP for return transaction.	Missing implementation to integrate all return transaction with IWP and PIWP	18/8/2021
5	I-PhIS077409221S	Klinik Kesihatan Air Kuning (B)	Pharmacy Inventory	16/8/2021	Purchase Order (RPL) - Unable to save	User reported error is displayed when user click on save button at Purchase Order screen.	System was unable to retrieve correct item details value and have caused error when saving the order	30/8/2021
6	I-PhIS077429921S	Hospital Rajah Charles Brooke Memorial (A)	Pharmacy Inventory	17/8/2021	Budget Adjustment – Reject Function	User reported unable to reject transaction. popup "unable to proceed! current balance (RM) amount should be more than allocate to deduct (RM) amount.". User informed this transaction need to be rejected due to new balance become negative balance. Transaction No.: BJ210000115	Validation was wrongly handled during reject transaction	30/8/2021
7	I-PhIS077656921S	Hospital Sultan Haji Ahmad Shah (B) (PSV)	Pharmacy Inventory	24/8/2021	Budget Adjustment – Save Function (Column Length Issue)	Pn Zurhanim reported that unable to save Budget Adjustment transaction due to no respond upon saving.	Column length was not enough to store PKU value in database	30/8/2021
8	I-PhIS077669921S	Hospital Kulim (A)	Report/Enquiry	24/8/2021	PF 6.7 – Search Function by Month	Mr Lim reported that upon generating PF 6.7, it shows no record found. However, upon checking at TDM Registry, there are entries/records available. Issue happens to the months prior to August. (July, June, May and so on).	Query was wrongly implemented for filtration by month inside report	1/9/2021



## 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_V2.3.2.5.txt 2. PatchScripts_PhIS_V2.3.2.5_Functions.txt	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/scripts">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/scripts</a>
2	Facility Application	iphis_v2.3.2.5.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war</a>
3	Facility Application	PhISService_v.2.3.2.5.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war</a>
4	Facility Application	PhISSchedulers_v.2.3.2.5.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
5	Facility Application	phis_Email_v2.3.2.5.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
6	Facility Application	phis_Cd_V2.3.2.5.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
7	Facility Application	phis_MyMaat_V2.3.2.5.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
8	Facility Application	phis_VitalSign_V2.3.2.5.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
9	Facility Application	phis_Dsmr_V2.3.2.5.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
10	Facility Application	phisIntegration.properties	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar</a>
11	Mobile Application	iphismobile_user_v2.3.2.5.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war</a>
12	Mobile Application	phisAPI_v2.3.2.5.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war</a>



No.	Items	Components	Path
13	Mobile Application	lpadhosp-2.3.2.5.0b05.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/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_V2.3.2.5.txt 2. PatchScripts_PhIS_V2.3.2.5_Functions.txt	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/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. For _Functions.txt, please ensure execute one by one blocks.
2	Facility Application	iphis_v2.3.2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.3.2.5.war	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.3.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and



Step	Items	File Name	Source Path	Action
				rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.3.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility.jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.3.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility.jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_V2.3.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility.jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phis_VitalSign_V2.3.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility.jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_VitalSign.jar. Then Restart crontab.
9	Facility Application	phis_Dsmr_V2.3.2.5.jar	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility.jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Dsmr.jar. Then Restart crontab.
10	Facility Application	phisIntegration.properties	https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility.jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
11	Mobile Application	iphismobile_user_v2.3.2.5.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war	Rename iphismobile_user_v2.3.2.5.war to iphismobile_user.war and deploy.



Step	Items	File Name	Source Path	Action
12	Mobile Application	phisAPI_v2.3.2.5.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/facility/war	Rename phisAPI_v2.3.2.5.war to phisAPI.war and deploy.
13	Mobile Application	lpadhosp-2.3.2.5.0b05.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.3.2.5/Mobile	Rename lpadhosp-2.3.2.5.0b05.war to lpadhosp.war and deploy. - Mobile Frontend: 2.3.2.5.0r10 - Mobile Backend: 2.3.2.5.0b05

### 5.3.2 Deployment at HQ - IWP

N/A