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

Release Note

For version 2.5.1.1

Version : 1.1
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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	21/10/2021	Mohd Hilmi Mohamad	Zainura Said	First Version
1.1	26/10/2021	Mohd Hilmi Mohamad	Zainura Said	Additional ticket I-PhIS079242621S

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
1.1	Juridah (QA)	Additional ticket I-PhIS079242621S

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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	:	2.5.1.1
Client Name	:	Ministry of Health
Release ID	:	RL21/021
Release Date	:	21/10/2021

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

The following are the refinement that included in PhIS v2.5.1.1:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R210104	Patient Management	Sample Label – Amendment on Patient Name & Location	To amend on Sample Label by the following solution: 1. Reduce 2 font sizes for Location/Department name 2. Adjust Patient Name to be displayed in 2 rows.	210007163E	Hospital Pakar Sultanah Fatimah (A) (PSV)	Refer to #4.1

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.5.1.1.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS077666321S	Hospital Kota Marudu (A)	Report/Enquiry	24/08/2021	Budget Balance by Vote – Incorrect Liability Amount (eP Approved Excess)	Puan Adila reported incorrect liability amount Vote: 143601/080700/27401/99 Liability Amount: RM12602.70 Total Amount for LPO not proceed payment yet: RM3048.00 (LPO: C0210000000321369) User confirm already complete payment for other LPO	Issue happened due to concurrent user are accessing same Purchase Order No while doing approval process and impacted to duplicate budget balance at PO eP Approved Excess movement	15/9/2021
2.	I-PhIS078560221S	Hospital Miri (A)	Pharmacy Inventory	27/09/2021	Receive from Supplier (APPL) - DO No not appear	User reported could not receive this DO in PHIS because the LPO number did not appear in the system. PO No: PO21001068 LPO No: C021-491559 DO No: 529350125 & 529352949	Issue happened due to concurrent user are accessing same Purchase Order No while completing PO approval process and impacted to incorrect pending amount value, insufficient balance during eP Approved and wrong liability amount	14/10/2021
3.	I-PhIS078908821S	Pejabat Kesihatan Daerah Hulu Selangor (B)	IWP	09/10/2021	PKD Authorization - Approve function	Puan Hafizah informed that she able to access IWP however unable to make any approval for all transactions in PKD Authorization screen.	In v2.5.1, PKD Authorization screen had been added with new query related to Vote Code. This query has performance issue whereby it was occupying a lot of memory on the database level and locking all related	14/10/2021

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
							tables. Indirectly, this has impacted to approve function as well	
4.	I-PhIS078952321S	Klinik Kesihatan Greentown (A)	General Module	11/10/2021	Drug Master - Unable to edit Order Setting	Ms Sabrina reported through email, unable to change order setting at Drug Master.	System was unable to retrieve related values for PAC visit type when opening Order Setting in Drug Master	15/10/2021
5.	I-PhIS079001221S	Klinik Kesihatan Ampang (A)	Outpatient Pharmacy	13/10/2021	Record Prescription - Intervention - Confirm button not appear	User reported when do intervention from Medication Order screen, Confirm button is not appeared after saving reason.	Wrong condition was implemented whereby system will always hide the Confirm button in Intervention screen at Record Prescription	15/10/2021
6.	I-PhIS078368821S	Hospital Pakar Sultanah Fatimah (A) (PSV)	Outpatient Pharmacy	21/09/2021	SPUB Patient List - Patient not appear to SPUB out	Cik Hajar reported, in SPUB patient list, patient is not appeared to SPUB out. User inform status is partially dispensed. MRN: HPSF00325645 Name: Mohd Fazrai Rx No: WRD8850002695969	System was wrongly updating the SPUB related flag after do partial dispense and this have caused patient record cannot be displayed back at SPUB Patient List screen	21/10/2021
7.	I-PhIS079242621S	Hospital Miri (A)	Order Management - Web	22/10/2021	Medication Order – Drug Listing not tally between Web & Mobile	Email from user, medication list in iPad appeared to be not tally with those being prescribed in system. For example, fondaparinux is actually active when we view from desktop. However, we did not see fondaparinux as one of the active medications in iPad. We found this issue when we ordered the medication again and the popup	Backend flag was wrongly updated if prescribed from Web and this has impacted to Mobile side where it cannot view all prescriptions initiated from Web.	26/10/2021

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						appeared during ward round. This will cause confusion as we use iPad to view those active medications during ward round. Unit: Clinical Pharmacy		

4   Refinement List – Detail Changes

4.1   Patient Management – Sample Label

CR No	Module	Function	Description
R210104	Patient Management	Sample Label – Amendment on Patient Name & Location	To amend on Sample Label by the following solution: 1. Reduce 2 font sizes for Location/Department name 2. Adjust Patient Name to be displayed in 2 rows.

a)   Sample Label – Preview Print
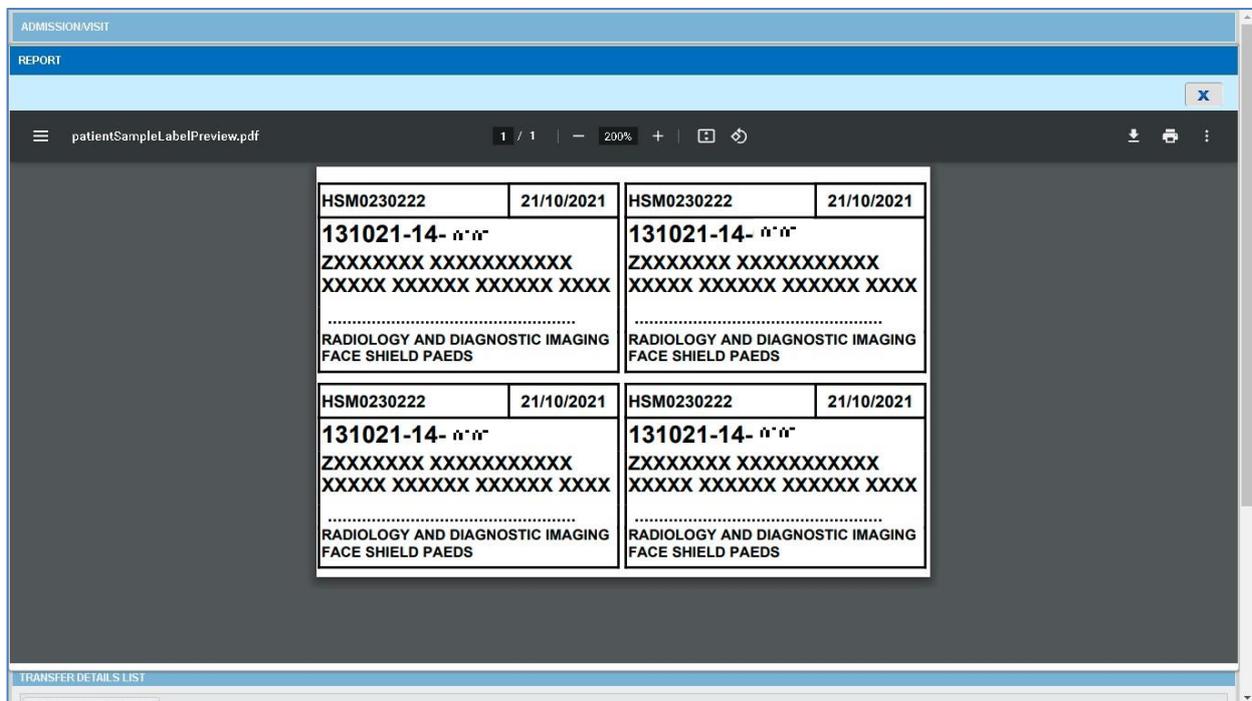
b) Sample Label – Direct Print

5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	PatchScripts_PhIS_V2.5.1.1.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/scripts
2	Facility Application	iphis_v2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/war
3	Facility Application	PhISService_v.2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/war
4	Facility Application	PhISSchedulers_v.2.5.1.1.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/jar
5	Facility Application	phis_Email_v2.5.1.1.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/jar
6	Facility Application	phis_Cd_V2.5.1.1.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1//facility/jar
7	Facility Application	phis_MyMaat_v2.5.1.1.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/jar
9	Mobile Application	iphismobile_user_v2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/war
10	Mobile Application	phisAPI_v2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/war
11	Mobile Application	Ipadhosp-2.5.1.1.0b07.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/Mobile
12	HQ Script	PatchScripts2.5.1.1_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/scripts
13	HQ Application	phishq_v2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/war

No.	Items	Components	Path
14	HQ Application	masterRelease_v2.5.1.1.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/jar
15	HQ Application	epservice_V2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/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	PatchScripts_PhIS_V2.5.1.1.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/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_v2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.5.1.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.5.1.1.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and

Ste p	Items	File Name	Source Path	Action
				rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.5.1.1.jar	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/facilit y/jar	Backup jar file from /home/phisesb/phisja rs/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.5.1.1.jar	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/facilit y/jar	Backup jar file from /home/phisesb/phisja rs/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.5.1.1.jar	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/facilit y/jar	Backup jar file from /home/phisesb/phisja rs/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phisIntegration.properties	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/facilit y/jar	/home/phisesb/phisba ckprops/ and copy downloaded phisIntegration.proper ties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.5.1.1. war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/facilit y/war	Rename iphismobile_user_v2.5 .1.1.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.5.1.1.war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/facilit y/war	Rename phisAPI_v2.5.1.1.war to phisAPI.war and deploy.
11	Mobile Application	Ipadhosp-2.5.1.1.0b07.war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_I mplementation/Applications /PHIS_ReleaseV2.5.1.1/Mobi le	Rename ipadhosp-2.5.1.1.0b07.war to ipadhosp.war and deploy. - Mobile Frontend: 2.5.1.1.0r10 - Mobile Backend: 2.5.1.1.0b07

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	PatchScripts2.5.1.1_IWP.txt	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/scripts	Please ensure all the script is execute before phishq.war deploy. Please ensure the script is executed in sequence.
2	HQ Application	phishq_v2.5.1.1.war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/war	Rename the war file from phishq_v2.5.1.1.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.5.1.1.jar	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/jar	Rename the jar file from masterRelease_v2.5.1.1.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.5.1.1.war	https://10.1.1.82:44330/svn/ Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.1/iwp/war	Rename the war file from epservice_V2.5.1.1.war to epservice.war then deploy.