



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

Release Note

For version 2.5.1.2

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Revision History

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1.0	15/11/2021	Mohd Hilmi Mohamad	Zainura Said	First Version

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Peer Review

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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	:	2.5.1.2
Client Name	:	Ministry of Health
Release ID	:	RL21/022
Release Date	:	15/11/2021

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 2.5.1.2.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS074354821S	Hospital Seri Manjung (A)	Report/Enquiry	16/04/2021	PF 6.4 – ‘Bilangan Sediaan’ value not tally with CDR Registry	User found ‘Bilangan Sediaan’ column shows as 422 in PF 6.4 report but shows as 131 inside CDR Registry. Based on report number 20848148C, issue has been solved but user informed issue not solved yet.	Previously system calculated the ‘Bilangan Sediaan’ value based on the number of generated worksheets. Suppose value should be calculated based on the number of preparations	10/11/2021
2.	I-PhIS077089921S	Hospital Seri Manjung (A)	Report/Enquiry	03/08/2021	PF6.4 - Incorrect value in Paediatric column	User reported that data in PF 6.4 is not giving correct value due to only showing number of cases and preparation for paediatric patient but user at Hospital Seri Manjung are only do preparation for adult.	Wrong query was implemented in report to differentiate between adult and paediatric patient	10/11/2021
3.	I-PhIS076819521S	Hospital Machang (A)	Report/Enquiry	22/07/2021	PF6.1 – Inconsistent Data of No. of Prescription Received (After Office Hour)	Puan Rosalsuniha reported that upon generating PF6.1 monthly and lump sum for January to June 2021, data for After Office Hour column - No. of Prescription Received - UoU is inconsistent.	Wrong query was implemented in report for After Office Hour - No. of Prescription Received - UOU column and improper function was applied for Refresh button	09/09/2021
4.	I-PhIS076956721S	Hospital Kuala Lipis (A) (PSV)	Report/Enquiry	28/07/2021	PF6.1 - Data on weekend recorded under column Office Hour	Mr Pricha reported that when he generates PF6.1 report, data on weekend was recorded/appeared under working hours section.	Previously system was not considering working and non-working day values when displaying data in report	07/10/2021



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
5.	I- PHIS076400421S	Hospital Raja Perempuan Zainab II (A)	Report/Enquiry	06/07/2021	PF6.3b - Data not tally when generate in different day - Jumlah Preskripsi Diterima	User reported when he generates PF6.3b report yesterday, total prescription is 10152. Today when he generates same report, total prescription appears as 9963.	Issue happened due to 'Jumlah Preskripsi Diterima' column did not consider drug with Expired status. Suppose system should include prescriptions that are in Expired or Discontinued status	17/09/2021
6.	I- PHIS077858521S	Hospital Sibul (A)	Report/Enquiry	02/09/2021	PF 6.5- 'Jenis Sediaan' column not accurate	User Mr/Ms Lau Yi Ling requests to clarify definition of Jenis Sediaan. 'Jenis sediaan' for IV admistura, ubat titis mata dan lain-lain sediaan aseptik are calculated based on number of transactions instead of types of preparation, which is not how it is counted in PF 6.5.	Wrong figure was shown because 'Jenis Sediaan' under 'IV Admikstura', 'Ubat Titis Mata' and 'Lain-lain Sediaan Aseptik' sections are calculated based on number of transactions instead of types of preparation	29/10/2021
7.	I- PHIS079458521S	Hospital Seberang Jaya (A) (PSV)	Pharmacy Inventory	01/11/2021	Purchase Order - Allow to approve even no budget	Puan Ang unable to proceed with Purchase Order due to alert message 'Insufficient Budget Balance' is appeared after she clicks on 'Approve' button. User verified below Vote Code has sufficient balance to purchase order below: Vote Code: 041501/000000/27499/99 PO: PO21004517	Validation was not handled properly on budget during approval.	15/11/2021
8.	I- PHIS077176321S	Hospital Tanah Merah (A)	Order Management - Mobile	05/08/2021	Medication Order (Mobile) - Unable to order for Unknown Patient	Miss Ezmiza reported unable to order drug for reported patient using IPAD due to detail not appear, example frequency, only appear	Issue happened due to previously system was unable to retrieve patient	02/11/2021



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						drug name. This issue happens for patient not register using IC number.	age value for unknown patient.	
9.	I- PHIS079277221S	Hospital Miri (A)	Order Management - Mobile	25/10/2021	Medication Order (Mobile) - Unable to enter Admin Time	Puan Wong Siew Siew reported that she unable to change serving time. We encounter issue that serving time cannot be changed at iPad interface since last week (after desktop version upgraded to 2.5.1).	Missing additional checking in backend application to support iOS14 and below	12/11/2021



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	PatchScripts_PHIS_V2.5.1.2.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/scripts
2	Facility Application	iphis_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war
3	Facility Application	PHISService_v.2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war
4	Facility Application	PHISSchedulers_v.2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/jar
5	Facility Application	phis_Email_v2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/jar
6	Facility Application	phis_Cd_V2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/jar
7	Facility Application	phis_MyMaat_v2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/jar
9	Mobile Application	iphismobile_user_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war
10	Mobile Application	phisAPI_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war
11	Mobile Application	lpadhosp-2.5.1.2.0b07.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/Mobile
12	HQ Script	PatchScripts2.5.1.2_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/iwp/scripts
13	HQ Application	phishq_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/iwp/war



No.	Items	Components	Path
14	HQ Application	masterRelease_v2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/iwp/jar
15	HQ Application	epservice_V2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/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_V2.5.1.2.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/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_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/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_v2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility.jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility.jar	Backup jar file from /home/phisb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility.jar	Backup jar file from /home/phisb/phisjars/ 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_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility.jar	/home/phisb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war	Rename iphismobile_user_v2.5.1.2.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/facility/war	Rename phisAPI_v2.5.1.2.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.5.1.2.0b07.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/Mobile	Rename ipadhosp-2.5.1.2.0b07.war to ipadhosp.war and deploy. - Mobile Frontend: 2.5.1.2.0r11 - Mobile Backend: 2.5.1.2.0b07

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	PatchScripts2.5.1.2_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/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_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/iwp/war	Rename the war file from phishq_v2.5.1.2.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.5.1.2.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/iwp/jar	Rename the jar file from masterRelease_v2.5.1.2.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_v2.5.1.2.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.1.2/iwp/war	Rename the war file from epservice_v2.5.1.2.war to epservice.war then deploy.