



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

Release Note

For version 2.5.3.3

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Revision History

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1.0	29/04/2022	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	:	2.5.3.3
Client Name	:	Ministry of Health
Release ID	:	RL22/006
Release Date	:	29/04/2022

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 2.5.3.3.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS082154822S	Hospital Pakar Sultanah Fatimah (A) (PSV)	Patient Management	28/04/2022	Visit Management - Unable to register 2 visits	Pn Mazlin reported unable to register 2 patient visits simultaneously. For example, this patient has visit at klinik ENT and at the same time patient have visit at audio & speech. 1st create ENT, 2nd create audio & speech but then 1st visit will be missing. Issue happens starting today. No issue when user create 2 visits before. Example MRN: 00297480 (Nur Fathiya Alisya)	Wrong method was implemented during visit creation whereby system was replacing the existing visit location with new location	29/04/2022
2.	I-PhIS082155322S	Hospital Pakar Sultanah Fatimah (A) (PSV)	Order Management - Web	28/04/2022	Medication Order - Error – Re-order Rx with different duration (Drug Strength = 0)	Doctor reported he unable to renew different duration order due to error message "an error has occurred, please contact your system administrator" appear. User claimed this issue happened to 1 patient. Details as below: MRN No: 198377	System was not correctly implementing the 're-order' and 're-order with different duration' for scenario with drug strength value = 0	29/04/2022
3.	I-PhIS082155122S	Hospital Pakar Sultanah Fatimah (A) (PSV)	Order Management - Web	28/04/2022	Medication Order - Error – Re-order Rx with different duration (Round Up Dose)	Ms Ku Yee Kun reported want to select dosage for 1.5mg but system auto appear dosage as 3mg. MRN: 20295 Drug name: Warfarin 3mg	Dosage value was not retrieved properly when do 're-order' and 're-order with different duration'. Previously it was retrieved from drug strength value. Suppose it should take from dosage value of previous order	29/04/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
4.	I- PHIS082154122S	Hospital Pakar Sultanah Fatimah (A) (PSV)	Outpatient Pharmacy	28/04/2022	Drug Label - Split Dose Admin Time not Displayed in Sequence	Pn Nadia reported drug label inverted date format after print label. Refer attachment MRN: 219352 Azimah Bt Said MRN: 15509 Mohd Adib Haziq	Admin time was not displayed in correct sequence in Drug Label	29/04/2022
5.	I- PHIS082159122S	Hospital Pakar Sultanah Fatimah (A) (PSV)	Manufacturing - Extemporaneous	28/04/2022	Drug label issue - Extemporaneous drug	Pn Nadiyah reported already successfully alternate drug. But user informed when she prints label, drug wrongly appear in label MRN: 311761 Drug name: Phenobarbitone 30mg tablet alternate Phenobarbitone 10mg/ml (extemp) MRN: 111843 Drug name: Omeprazole 20mg Capsule alternate Omeprazole 2mg/ml oral liquid	Drug name inside Extemporaneous drug label was wrongly retrieved from normal drug. Suppose it should be retrieved from preparation name	29/04/2022



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_V2.5.3.3.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/scripts
2	Facility Application	iphis_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war
3	Facility Application	PHISService_v.2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war
4	Facility Application	PHISSchedulers_v.2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/jar
5	Facility Application	phis_Email_v2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/jar
6	Facility Application	phis_Cd_V2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/jar
7	Facility Application	phis_MyMaat_v2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/jar
9	Mobile Application	iphismobile_user_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war
10	Mobile Application	phisAPI_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war
11	Mobile Application	lpadhosp-2.5.3.3.0b08.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/Mobile
12	HQ Script	PatchScripts2.5.3.3_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/iwp/scripts
13	HQ Application	phishq_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/iwp/war



No.	Items	Components	Path
14	HQ Application	masterRelease_v2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/iwp/jar
15	HQ Application	epservice_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/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_V2.5.3.3.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/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_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to



Step	Items	File Name	Source Path	Action
				PHISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/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_V2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/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_v2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/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	phisIntegration.properties	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility.jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war	Rename iphismobile_user_v2.5.3.3.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/facility/war	Rename phisAPI_v2.5.3.3.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.5.3.3.0b08.war	https://10.1.1.82:44330/svn/Workspace_Dataaware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/Mobile	Rename ipadhosp-2.5.3.3.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.5.3.3.0r18 - Mobile Backend: 2.5.3.3.0b08



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	PatchScripts2.5.3.3_IWP.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/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_v2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/iwp/war	Rename the war file from phishq_v2.5.3.3.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.5.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/iwp/jar	Rename the jar file from masterRelease_v2.5.3.3.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.5.3.3.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.5.3.3/iwp/war	Rename the war file from epservice_V2.5.3.3.war to epservice.war then deploy.