Pharmacy Information System (PhIS)

Release Note

For version 2.6.3.22

Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	21/04/2025	Mohd Hilmi Mohamad	Zainura Said	First Version

Verified and Acknowledged by:

Name	Role/Designation	Organization	Signature & Date
Zainura Said	Team Leader	Pharmaniaga Logistics Sdn Bhd	
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Name	Role/Designation	Organization	Signature & Date
		Program Perkhidmatan Farmasi (PPF), KKM	
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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
Project Name	:	Pharmacy Information System
Version No	:	2.6.3.22
Client Name	:	Ministry of Health
Release ID	:	RL25/005
Release Date	:	21/04/2025

1.2 Objectives

No.	Objective	Reference
1.	Release PhIS 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 version 2.6.3.22.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS132701025APP	Klinik Kesihatan Bakri (B)	Pharmacy Inventory	13/03/2025	Inter Facility Indent (Sent) - An error admin appears when clicking on approved button - amount header and details do not tally	Ms Tan reported unable to approve indent due to popup "An error has occurred. pls contact admin". The transaction appeared at tasklist with status pending for approval. She tries to create new indent, but same issue persists. Indent no: R25000199 R25000201 Indent to KK Maharani	Incorrect condition was applied during approval process whereby not all amended values are stored into database when clicking on Approve button. System will only store the amended values only if Save button is clicked.	Execute data patch to update indent status as 'Open'.	Amend approval function by storing all amended values into database when clicking on Approve button.	03/04/2025
2.	I-PhIS133301125APP	Hospital Miri (A)	Pharmacy Inventory	25/03/2025	Inter Facility Indent (Received) - Indent no not available - Same issue number	Pn Mandy reported unable to receive inter facility indent. Facility: Hospital Bintulu Indent no: R25004086 Issue note no: N02PS001-0001006	System was wrongly considering different issue records with same 'Issue No' from multiple facilities as same record. Suppose system should treat it as different issue record even though the 'Issue No' from issuer is same.	N/A	Amend condition to differentiate issue record based on issue number together with indent number.	27/03/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Facility: Klinik Kesihatan Tudan Indent no: R25004319 Issue note no: N02PS001-0003492				
3.	I-PhIS132703325APP	Klinik Kesihatan Bakri (B)	Pharmacy Inventory	13/03/2025	Issue - Transaction not found at issue screen – closed check box	Ms. Tan reported transaction not found after approve issue. Ms. Tan wants to print KEWPS 7 From: KK Maharani external indent no.: R25000378 indent no.: R2501PS001-0000202 issue no.: E25PS001-0000045	Wrong condition was applied inside Issue screen whereby system was not displaying any issue record that is in Closed status. Suppose system should still display the record in Closed status, provided that issue quantity is still available.	Run data patches to update issue status as 'Approved'.	Amend condition inside Issue screen to display record in Closed status if issue quantity is still available.	28/03/2025
4.	I-PhIS133800225APP	Hospital Miri (A)	Pharmacy Inventory	04/04/2025	Issue - Error admin appear when search nondrug item group & item sub class	Ms. Ris reported unable to issue due to popup error "please contact admin"	Wrong query was applied during searching function based on 'Non-drug Item' and 'Item Sub Class' criteria.	N/A	Amend query to retrieve correct value during searching based on 'Non-drug Item' and 'Item Sub Class' criteria.	17/04/2025
5.	I-PhIS133238325APP	Hospital Miri (A)	Pharmacy Inventory	24/03/2025	Contract Facility - Nothing happen when retrieved - item subgroup	Received email from Madam Tan, Unable to retrieve contract. Madam Tan reported that unable to retrieve all contract in attachment due to upon	Issue happens due to missing mandatory checking on 'Delivery Lead Period' values during modifying Contract HQ record.	N/A	Apply correct mandatory checking on 'Delivery Lead Period' values during modifying Contract HQ record.	26/03/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						selecting all the contract and click Retrieve, system processing for a while and nothing happen afterwards. Those contracts still appear on that list. Kindly refer to attachment.				
6.	I-PhIS134071 825APP	Hospital Miri (A)	Pharmacy Inventory	09/04/2025	Requisition Order (Non Standard) - No respond when print - Non drug	Mr Willy reported unable to print from page request order authorization. When clicked button print, system will be processing then shows no response after that. Current status is pending for approval. User informed before this, user will print form to submit form before approval. User has tried to print using 3 different PC and different login ID, however issue still persists. Sample request No: RO25000775	Wrong condition was applied during printing function on Requisition Order report for non drug item.	N/A	Apply correct condition during printing function on Requisition Order report for non drug item.	11/04/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Unit: Emergency & Trauma Department				
7.	I-PhIS132894225APP	Hospital Miri (A)	Patient Management	17/03/2025	PhIS - Slow Processing Exceed Benchmark (To remove update for phisprod_arc.PH_MAR in patient update trigger function)	Ms Stephanie reported PhIS having slow processing issue at all modules.	Issue occurred due to new implementation in PhIS version 2.6.3.21. The update process was designed to synchronize patient information across pharmacy-related screens whenever updates were made in the Patient Registration module. However, this process consumed significant system memory, and in some cases, the system was unable to complete the update, especially when handling large tables like MAR, which currently holds 30GB of data.	N/A	Remove the patient update process. A new solution will be implemented to handle patient updates without impacting system performance.	07/04/2025
8.	I-PhIS133231525APP	Hospital Wanita & Kanak-kanak Sabah (A)	Special Approve Medicine	24/03/2025	Special Approval Medicine - Recommendation By column appear Blank	Received email from Pn Amira, Ralat pada keputusan UKK. 'Sejak 17/3/2025, kami mendapati terdapat beberapa keputusan dari Module Special Drug Request	Issue occurred due to missing function to save user value that have rejected the SAM record into database. Thus, record will be displayed as blank value.	Execute data patches for 'Recommendation By' value at IWP and impacted facilities.	Add function to save user value into database during rejecting SAM record.	21/04/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						mengalami ralat seperti rajah di bawah: Rajah 1: Paparan status Rejected by KPK/PKPF/Pengarah A&P hanya dengan tarikh dan TIADA NAMA. Rajah 2: Paparan PDF, status tidak lulus TANPA NAMA DAN TARIKH. Berikut merupakan semua permohonan yang terlibat: A0814/2025 A0745/2025 A0744/2025 A0710/2025 A0137/2025 A0083/2025 Mohon pihak tuan/puan meneliti hal ini dengan lebih terperinci.'				
9.	I-PhIS133431 625APP	Hospital Miri (A)	Outpatient Pharmacy	27/03/2025	Screening & Verification - Unable to alternate popup error message	Unable to alternate to designated drug Ms Chai reported unable to alternate to designated drugs despite stock being available in phis.	Unnecessary validation between main drug and alternate drug to check on 'Strength UOM' and 'Quantity UOM' matching values was applied during alternate calculation, and this has caused system unable to	N/A	Remove unnecessary validation to check on 'Strength UOM' and 'Quantity UOM' matching values during alternate function.	07/04/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						1) MRN: 379941 SKINC0002953051 Doctor ordered Betamethasone 17-Valerate 0.05% (1 in 2) Cream but cannot be alternate to the one with available stock in phis. MESSAGE ERROR: 113420	perform correct alternate function.			
10.	I-PhIS117839724APP	Klinik Kesihatan Taman Ehsan (A) (EXTD) - INT	Outpatient Pharmacy	12/06/2024	Dispensing - Unable to dispense nothing happen	Ms. Koh reported unable to dispense medication Details: Patient MRN and name: MRN: 13005626 Patient name: Chong Pien Neng: No error message but still appear in dispensing screen MRN: 15314210 Patient name: Mani Malin	Unnecessary checking on drug available stock was applied during dispense with zero quantity function. Suppose system should ignore checking function on drug available stock if user dispense with zero quantity.	N/A	Remove checking on drug available stock during dispense with zero quantity.	26/03/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Error" All active drug must be prepared before dispensing" MRN: 15191616 Patient name: Yau Ha Mooi Error: please enter value or uncheck POMs. user informed the checkbox is dimmed.				
11.	I-PhIS126662 224APP	Hospital Raub (B)	Manufact uring - Extempor aneous	25/11/2024	Extemporaneou s Worksheet - Incorrect volume/qty required for X-Temp	Ms Ong Yong Xin reported: There are some problems with the worksheet of Propranolol 2mg/ml. 1- When viewed in "Formulation", it remarked: [Packaging Bottle: HDPE Plastic Amber Bottle]; but this didn't show in the "worksheet" later. User are packing based on the worksheet. 2- In the worksheet, it showed "320mg Propranolol in 100ml X-temp". It will result in a	Wrong formula was applied to calculate 'Volume/Qty Required' value during printing Worksheet report. Suppose system should use same calculation as in Extemporaneous screen.	N/A	Apply same formula like in Extemporaneous screen to calculate 'Volume/Qty Required' value during printing Worksheet report.	16/04/2025

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						3.2mg/ml solution instead of 2mg/ml. This may cause overdose to the patient. Here attach with the formulation and the worksheet of Propranolol suspension 2mg/ml.				
12.	I-PhIS133807 825APP	Hospital Miri (A)	Report Enquiry	04/04/2025	BCP Report - Active Patient (Encountered) – No record appears	Email: BCP Contingency report error User found out that the BCP contingency report for Active Patient List and Active Prescription did not contain any data. Please check on this as this is being used in the ward/clinic during system downtime.	Issue happens due to 'Bed No' column inside report staging table is not having enough character length to generate report data from transaction table. Suppose Bed No column inside staging table should have same character length like in Visit Management screen which is having 50-character length.	N/A	Prepare script to extend character length for 'Bed No' column value inside report staging table from 15 to 50 characters.	17/04/2025

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_V2.6.3.22.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.22/facility/scripts
2	Facility Application	iphis_v2.6.3.22.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.22/facility/war
3	HQ Application	phishq_v2.6.3.22.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.22/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_V2.6.3.22.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.22/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_v2.6.3.22.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.22/facility/war	Please rename the war file to iphis.war then 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 Application	phishq_v2.6.3.22.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.22/iwp/war	Rename the war file from phishq_v2.6.3.22.war to phishq.war then Deploy using Glassfish Administration Console