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

Release Note

For version 2.6.3.16

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	22/07/2024	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	
Hoh Choon Seng	Project Manager	Pharmaniaga Logistics Sdn Bhd	

Name	Role/Designation	Organization	Signature & Date
		Program Perkhidmatan Farmasi (PPF), KKM	
		Bahagian Pengurusan Maklumat (BPM), KKM	

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	:	2.6.3.16
Client Name	:	Ministry of Health
Release ID	:	RL24/014
Release Date	:	22/07/2024

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 v2.6.3.16:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R240005	Outpatient Pharmacy	Allergy	**Allergy** 1. User shall be used 'Inactive Record' button to update record from Active to Inactive. Allergy record shall not be removed from table and active_flag shall be updated to 'Inactive' 2. To add Record Status column in Patient Allergy List, capture data from database ph_patient_allergies.active_flag 3. To rename the current 'Status' column to 'Allergy Status' **DAC Registry** 1. To add search filter for 'Record Status' at DAC Registry screen 2. To add 'Record Status' column in DAC Registry listing, capture data from database ph_patient_allergies.active_flag. Changes is also applied to PDF and Excel. 3. To rename the 'Status' search filter and column to 'Allergy Status'	I-PhIS108100423APP	Hospital Kuala Lumpur (A)	PhIS_CPS_Quick_Guide_2.6.3.16_OP_Allergy_v1.0

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
				IWP Allergy Registry 1. To add search filter for 'Record Status' at IWP Allergy Registry screen 2. To add Record Status column in IWP Allergy Registry, capture data from database ph_patient_allergies.active_flag. Changes is also applied to PDF and Excel. 3. To add Updated Date column in IWP Allergy Registry, capture data from database ph_patient_allergies.updated_date. Changes is also applied to PDF and Excel.			
2.	R240006	Pharmacy Inventory	Product Quality: Quality Reporting of Registered Product Form (NPRA/435/2)	To update new complaint form to the latest NPRA/435/2 format.	230014028E	Program Perkhidmatan Farmasi, KKM	PhIS_CPS_Quick_Guide_2.6.3.16_INV_Product_Quality_v1.0

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.3.16.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS108733523APP	Hospital Raja Permaisuri Bainun (A)	General Module	22/12/2023	User Profile - Processing issue	Puan Jamilah reported User Profile processing for 40s before page appear after click menu Edit/Save also processing. Issue starts on 21.12.2023 Issue happened to all ID	Repetitive search method was applied during opening User Profile screen, and this has impacted to performance issue.	N/A	Remove repetitive search method during opening User Profile screen.	11/01/2024
2.	I-PhIS109533824APP	Klinik Kesihatan Pertang (A)	General Module	05/01/2024	Vote Code - Wrong popup message appear when click on save, add item button	Email: Vote code PhIS - Ubat APPL 2024 Tidak dapat menambah ubat-ubatan dan simpan. Muncul " vote code already exist" Rujuk lampiran untuk detail ubat dan mesej	Wrong validation was applied whereby system was not allowing user to add new vote code if same drug/non drug items are already exist in other vote codes. Suppose system should ignore this validation.	N/A	Remove incorrect validation during saving vote code function when the newly entered drug/non drug are already exist in other vote codes.	11/01/2024
3.	I-PhIS108352223APP	Klinik Kesihatan Keroh (A)	Pharmacy Inventory	17/12/2023	Inventory transaction appear error when retrieve / save / receive transaction	Pn Shafina reported unable to use inventory module as of today as appear error 'Please contact admin'. She informed able to use phis to transcribe (clinical module) as usual.	Wrong condition was applied inside yearly scheduler whereby system will run unnecessary reset sequence job to all related tables for KEWPS report on 15th December every year.	Run global patch to reset back all the related table sequences to maximum value.	Update condition to remove unnecessary reset sequence job for al KEWPS report tables on 15th December each year.	29/12/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Same issue when user want to use receive item/indent module.				
4.	I-PhIS109458 824APP	Pejabat Kesihatan Daerah Larut, Matang & Selama (A)	Pharmacy Inventory	04/01/2024	Budget Allocation: Balance become double	Encik Shahrizam reported that current balance in allocation screen (IWP) appear same amount as new balance. The balance seems show double. Allocation no.: BA24000386 Status: Approved Financial Year: 2024	No concurrent validation was implemented when multiple users are accessing same budget allocation transaction record to do approval process.	N/A	Implement concurrent user validation during save and approval process.	09/01/2024
5.	I-PhIS098751 023APP	Pejabat Kesihatan Titiwangsa (A)	Pharmacy Inventory	12/07/2023	Purchase Order (Lampiran Q) - Remaining purchase quantity inaccurate	Received email from user as below:

Hi. I wanted to add multiple items from the same Lampiran Q when creating a Purchase Order but was unable to because the item does not appear when trying to add an item in Purchase Order. Only 2 out of 5 items appear on the option. Kindly advise. | Wrong query was applied for showing quotation item at PO search item bandbox whereby it was only displaying the item which its payment process is completed. Suppose system should also be able to show the item if payment process is not yet completed. | N/A | Update condition to show item for Lampiran Q even if payment is not yet completed. | 06/11/2023 |
| 6. | I-PhIS115744 | Hospital Seri Manjung (A) | Pharmacy Inventory | 06/05/2024 | Purchase Order (Lampiran Q): | Email from user: Purchase Order: | 'Remaining Purchase Quantity' was not | N/A | Update 'Remaining Purchase Quantity' | 21/06/2024 |

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	624APP				Wrong remaining quantity display	PO24001540 tidak dapat diluluskan (seperti dilampirkan).	correctly updated due to wrong formula after payment with credit note for same item. Correct formula for 'Remaining Purchase Quantity' should be 'eP Approve Quantity' – 'Receive Quantity'		with correct formula.	
7.	I-PhIS114821 024APP	Hospital Dutchess of Kent (A)	Pharmacy Inventory	17/04/2024	Purchase Order (Contract Item): Backdated LPO refer to old delivery lead period	Ms Sia reported that for new KKM Contract, Delivery Lead Period for the first month is usually 30 days and for the subsequent months, Delivery Lead Period will be 21 days. However, user notices that there are a few contract/items where the Delivery Lead Period is 21 days eventhough it still within the first month. This causes system PhIS to create Penalty transaction. Sample for checking: Code Contract: KKM-243/2023/F(U) Drug Code: N03AX14000T1002XX.0 1 Levetiracetam 500 mg	1. 'Delivery Lead Period' value was wrongly displayed whereby it will compare with current date when retrieved. Suppose system should retrieve the value based on specified contract date. 2. Wrong calculation was implemented for 'Delivery Due Date'. Previously system calculated based on 'Ordered Date' and 'Delivery Lead Period'. Suppose system should calculate based on 'LPO Approval Date'	N/A	1. Amend code to retrieve 'Delivery Lead Period' based on specified contract date. 2. Update correct formula to calculate 'Delivery Due Date' value.	23/05/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					Tablet		and 'Delivery Lead Period'.			
8.	I-PhIS083282122APP	Hospital Changkat Melintang (A)	Pharmacy Inventory	19/10/2022	Recommended Purchase List: Wrong display Average Unit Price (SKU)	Pn. Shahriza reported total amount (RM) in her RPL is not tally with EPO generated. She notices for PO22000770 before approve total is RM13961.60. However, in when staff proceed to purchase order Total amount = RM10049.58 same as checked in IWP. User query is there any price changes for item below: 01.3003.19: Paracetamol 01.0607.04: Diphenhydramine	System was retrieving 'Average Unit Price (SKU)' value from wrong source for LP order when the drug has more than 1 item. Suppose system should retrieve the value from 'Drug Average Price (SKU)' field at Item Master instead of 'Item Average Price (SKU)' field.	N/A	Update query to get the correct 'Average Unit Price (SKU)' value when the drug has multiple items.	15/02/2023
9.	I-PhIS083333922APP	Hospital Wanita & Kanak-kanak Sabah (A)	Pharmacy Inventory	20/10/2022	Direct Issue - Unable to print KEWPS 7 due to popup error	Ms Voon reported that she is unable to print KEWPS 7 for following transaction due to pop up error. Issue No: D02PS001-0002581 Unit: Farmasi Logistik	System was not correctly handling scenarios when 'Request Quantity' or 'Approve Quantity' values are null. Suppose system should allow to print even the values are not available.	N/A	Update condition to ignore Request Quantity' or 'Approve Quantity' values if not available during printing KEWPS7 report.	06/01/2023
10.	I-	Hospital Jitra	Pharmacy	03/11/2022	RPL (Contract) -	Use reported he want to	Error is displayed when	N/A	Modify code to take	22/12/2022

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	PhIS084088 222APP	(A)	Inventory		Unable to select Contract no	create RPL for contract item but when select this contract code, error message "an error has occurred, please contact your system administrator" appear. User claimed he has check there is latest contract code for revised no 4 updated in contract screen. Details as below: KKM-259/2019/F(U) Drug Code: A07CA00905F2101XX	contract has multiple active revisions in system. Suppose system should only take the latest revision contract from the list during selecting contract for RPL.		latest revision during RPL creation.	
11.	I-PhIS110082 824APP	Klinik Kesihatan Stungkor (A)	Pharmacy Inventory	15/01/2024	Recommended Issue Quantity - Indent not exist - Inter Facility Indent (OFFLINE)	Menerima laporan daripada pengguna seperti berikut: Dalam phis, ada satu indent telah diwujudkan secara offline, tetapi tidak dapat dikeluarkan dari sistem sebab dia tidak muncul dekat recommended issue. Tarikh: 15/1/2024 Indent No.: R24000055	Previously system was only allowing user with same unit inside 'Manufacturing Issuing Unit' or 'SPUB Issuing Unit' in Facility Configuration to view RIQ record for indent offline. Suppose system should only allow the user under same creator unit to view the RIQ record for indent offline.	N/A	Amend condition to only allow user under same creator unit to view the RIQ record for indent offline.	22/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Fasiliti: KK STOH Rambungan Item: Tramadol 50mg/ml injection Memohon pihak tuan untuk membantu dalam isu ini.				
12.	I-PhIS0835 81922APP	Klinik Kesihatan Majidee (A)	Pharmacy Inventory	25/10/2022	Receive Intra - Batch number auto default lower case (Same batch number)	Pn Faizatul reported that for following item, Expiry Date in PhIS is incorrect. Kindly refer to report number 221168324B. Item Code: J07BX03000P3201.01 Batch No: 35559TB Expiry Date in PhIS: 31/01/2023 Actual Expiry Date: 31/10/2022 As for following batch, user requests to clear it as actually it does not exist. User may do incorrect offline receiving which has created this batch no in the system.	Previously, checking by case sensitive was not applied at Batch No value during retrieving item batch details. Thus, system was showing wrong details for item that have same Batch No but with different letter case.	Execute script to update batch number.	Apply checking on case sensitive at Batch No field during retrieving the item batch details.	20/12/2022

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Item Code: J07BX03000P3201.01 Batch No: 35559tb Expiry Date: 30/10/2022				
13.	I-PhIS083695 222APP	Klinik Kesihatan Kempas (A)	Pharmacy Inventory	27/10/2022	Receive Inter Facility - Good Receive Note button does not exist	User reported she unable to generate goods receive note due to this button does not appear after user click confirm. User claimed she has indent into KK Mahmoodiah and user receive the transaction when click online issue SPUB request received. When user want to check again after confirming, this transaction not appear. Details as below: Indent No: R22000482	Condition to show 'Goods Receive Note' button was not correctly implemented for user under level 2 and 3 units.	N/A	Implement correct condition to show 'Goods Receive Note' button for user under level 2 and 3 units.	08/12/2022
14.	I-PhIS113297 124APP	Klinik Kesihatan Padang Matsirat (C) (EXTD)	Pharmacy Inventory	17/03/2024	Receive from supplier (APPL)-Expiry date blank and allow to change batch number	User reported she unable to receive due to when user change into others brand, expiry date shows blank. User claimed physical brand that he received is not tally with phis system and usually user able to change into correct brand before	System was wrongly cleared the expiry date when user change Brand value. Suppose expiry date should be maintained when brand is changed.	N/A	Amend code to not update expiry date value when Brand value is changed.	28/06/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						proceeding with receiving but today user can't proceed to save. Details as below: Example of transaction LPO: C0240000000198584 DO: 1090581873 Item Code: 02.0403.05 brand change from Idaman into Noripharma As per informed by user, expiry date is same				
15.	I-PhIS101150123APP	Klinik Kesihatan Seremban 2 (A) - INT	Pharmacy Inventory	17/08/2023	Receive from supplier - Shelf Life and LOU wrongly update	Pn Erny queries on why LOU status for following item is Yes. She informs that LOU Status for the item should be No. Receive No: P230000592 Item Code: 07.4218.06 Diptheria-Tetanus-Pertussis-Inactivated Polio Virus-Hepatitis B-Haemophilus Influenza B (DTaP-IPV-HB-Hib) Vaccine 07.0004.02 Tetanus Toxoid Injection (10	Wrong formula was implemented to calculate the 'Manufactured Date' and 'Expiry Date' values if receiving details listing is having more than 1 item.	N/A	Update correct formula to calculate 'Manufactured Date' and 'Expiry Date' values if receiving details listing is having more than 1 item.	10/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						doses) LOU: Yes				
16.	I-PhIS118075924APP	Hospital Pakar Sultanah Fatimah (B)	Pharmacy Inventory	16/06/2024	Return To Supplier - Error contact admin popup - Save & confirm same screen	Mr/Ms Teo Chee Xuan reported unable to perform return to supplier due to popup appear "please contact your system admin" when click confirm button.	System was unable to fetch data completely if save and confirm functions had been done under the same user session.	N/A	Update condition to fetch data completely during save and confirm functions.	24/06/2024
17.	I-PhIS097010323APP	Hospital Pakar Sultanah Fatimah (B)	Pharmacy Inventory	14/06/2023	Stock Replenish - Unable to Approve - Record has been updated by another session	Puan Nadiah reported unable to approve stock replenish Unit: FKP Filling Station Transaction No: FKPFill-0090045 Stock Replenish > Farmasi Kecemasan During transaction > idle for a while > Continue send for approval > Click Approve > Record has been updated by another session. Tasklist: Pending for approval Click transaction > Click approve > Record has been updated by another session.	Incorrect concurrent access validation was applied, and this has caused approval function cannot be done if record is in 'Pending for Approval' status.	Run data patch script to change record status to 'Open'.	Update correct concurrent access validation method to avoid issue at approval function.	03/11/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						2621				
18.	I-PhIS114912124APP	Hospital Miri (A)	Order Management	19/04/2024	Medication Profile - Missing stopped drugs	Email: Issue with missing Rx in clinical summary Hi, We encountered a very serious bug that happens more and more frequently lately. When we are at the dispensing stage wanting to dispense medications to patients, we will click open medication summary to have a look on previous meds to double check. However, lately we realise some recent Rx will be missing at this part but can be found under record retrieval (we open up another tab to view it). But the weird part is that after we click dispense for the Rx, we go back to clinical summary to have a look, the missing Rx will then appear back again!! This	Medication profile summary generation was not correctly working during reorder function.	N/A	Amend code to directly insert stopped drugs into medication profile summary during reorder function.	24/06/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						is causing huge potential misleading information as we wouldn't know which Rx is unable to be shown during the dispensing stage! I did video record an example to be proof, but unfortunately unable to be sent thru email as the file is too big. Please contact me to liaise on how to get a copy of this video. Please investigate this matter seriously as this is causing us to miss out on a lot of old medications from the most recent Rx (from last visit). Sample: MRN211494				
19.	I-PhIS084056 422APP	Hospital Raja Permaisuri Bainun (A)	Order Managem ent	02/11/2022	Medication Profile: System display wrong pop-up message - Change button	Pn Quraisyah reported appear message " no drug have been selected to be stopped to changed" when user click on change button. Refer attachment and video from user.	Incorrect alert message has been applied when user want to do change function for previous medication.	N/A	Modify code to add proper validation message during change function.	14/12/2022

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Patient name: Muhamad adam ariz MRN: HRPB1100048				
20.	I-PhIS110881 524APP	Hospital Rembau (A) - INT	Order Managem ent	30/01/2024	Unit Catalogue List - Reserve quantity not clear after cancel drug	Ms. Cavineswari insists to know why the reserve quantity is delayed becoming stock available even after the Doctor has cancelled the prescription. User done dispensing on 18/01/2024 05:07:51 PM recorded in phis is in 0 quantity. This report opens for further check from report number: 241543196B. HREM31824 Siti Maisarah Prescription no.: KPMOPD0000106825 status: cancelled Reserve quantity: 41 Drug name: Lamotrigine 50mg	Missing implementation to directly clear the reserve quantity once drug is stopped or cancelled.	N/A	Add function to directly clear reserve quantity once drug is stopped or cancelled.	07/02/2024
21.	I-PhIS082985 822APP	Hospital Miri (A)	Outpatient Pharmacy	13/10/2022	Dispensing - Unable to proceed with dispensing - alternate drug	Received email from Ms Stephanie, Unable to click dispense. 'RN 364173-	Issue happens due to system wrongly shows alternate allocated quantity as having stock even the drug has no	Execute script to revert drug status as 'Verified'.	Update code to show correct allocated quantity for alternate drug.	24/11/2022

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					0 allocation	MEDC0002122945, RN 162457- MEDC0002090353 Both Rx unable to click dispense. Please patch it. Thank you.'	available quantity.			
22.	I-PhIS114130724APP	Hospital Miri (A)	Outpatient Pharmacy	03/04/2024	Screening & Verification - All drug reserve quantity auto clear/deallocate after intervention	Email from user, Quantity changes after intervention on Rx After the recent update at Hosp Miri, we realised for ALL Rx, after we did quantity allocation, then we intervened a prescription by changing a dose of a drug etc, after editing the dose, the whole allocated quantity on the Rx reverts to Zero and causing us to re-allocate again. Please fix this as intervention on one drug shouldn't be causing the whole Rx quantity to revert to zero! All previous versions never had such	Incorrect condition was applied whereby system will deallocate the whole drugs inside prescription during intervention process. Suppose system shall deallocate drug that had been intervened only.	N/A	Amend code to deallocate drug that had been intervened only instead of whole drug inside prescription.	05/04/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						an issue before!				
23.	I-PhIS084190 822APP	Klinik Kesihatan Tawau (A)	Order Managem ent	04/11/2022	Screening & Verification - Wrong supply duration which does not follow balance days	Email: - Dear PhIS Help Desk Team, PhIS V2.6.1.4 NAME: CHONG VUI PHIN MYKAD: 58123012XXXX MRN: 9101894 RX NUMBER: OUTPATIENT000007296 1 Visit #1: 20/09/2022 - 20/10/2022 Visit #2: 20/09/2022 - 19/11/2022 Current Visit: 19/11/2022 - 13/12/2022 (24 days) On the previous version of PhIS, the supply duration will be adjusted to balance the days until the doctor's appointment (if less than default supply duration i.e..: 30 days) Kindly Advise.	Wrong calculation was applied to calculate supply duration value for partial dispense record.	N/A	Modify the code logic to fetch the right value of supply duration for partial dispense record.	27/04/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
24.	I-PhIS083696 622APP	Hospital Miri (A)	Inpatient Pharmacy	27/10/2022	Screening & Verification - Unable to Resume ward stock drug which status Hold	Email: - Pengguna Lau Yok Hie dapati Script rx untuk Ward Stock yang di click "hold" tidak dapat di"resume". Check box tidak boleh "tick" Nama pesakit: Dayana Batrisya MRN: HMIRI00186530	Missing validation to restrict hold and resume functions for wardstock drug.	N/A	Add validation to restrict hold and resume functions for wardstock drug.	08/12/2023
25.	I-PhIS083991 522APP	Hospital Miri (A)	Inpatient Pharmacy	01/11/2022	Fill List: Able to generate same supply date of previous dispensing	Email from user: I am sending this email to lodge a complaint on the "Fill List" Function on Phis. This issue was noted since the system upgrade was done on 28.10.2022. Normal Function of "Fill List": - After filling of medications in trolley, pharmacist assistant will use "Fill List" in Phis to update drug usage (8am to the next day 11am) in the system. - After "Fill List" is done, the status of the medication will	No validation was applied on same supply date during fill list generation, and this has caused system able to generate same dispensing record with same supply date multiple times.	N/A	Update proper validation on supply date value during fill list generation.	11/01/2024

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						automatically become "Prepared", then "Dispensed", and the date of "Next supply" will be updated to the next day. Issue noted with "Fill List": - After "Fill List" has been done, the date of "Next supply" has NOT been updated to the next day, instead remained at the same day as "fill list" was done. (It seems like "Fill List" was not successfully done despite multiple attempts) - However, the drug usage was captured when we checked the medication usage by clicking into the patient's profile. Example given: Patient's Name: Allexson Osen MRN: 379368				

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Prescription Number: FMW0002189472

Drug Name: Eltrombopag 50mg Tablet

Issue: "Fill List" was attempted 3 times on 1/11/2022, however the "Next Supply date" still showed 1/11/2022 (instead of 2/11/2022). Despite the "Fill List" failure, the drug usage was reflected in the patient's profile.

Screenshots are attached to this email for your reference. Please kindly look into this issue and I look forward to receiving a reply from you soon. | | | | |
| 26. | I-PhIS105116 323APP | Hospital Dutchess of Kent (A) | Manufact uring - Extempor aneous | 20/10/2023 | Extemporaneou s - Missing expiry date in drug label | User reported missing expiry date on the printed label for extemporaneous syrup. Kindly refer user attachment for reference. Details as below: | System was not correctly retrieving the expiry date value when printing extemporaneous drug label in Dispensing screen. | N/A | Update query to retrieve correct expiry date value when printing extemporaneous drug label in Dispensing screen. | 09/11/2023 |

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Example of MRN No: HDOK00194118				
27.	I-PhIS117951324APP	Pejabat Kesihatan Putrajaya (A)	Report Enquiry	14/06/2024	Pending List - 'State' Search Criteria do not appear	Pn Zulaikha informed when try to generate pending list for inter facility, system appear as intra facility which is has requester unit name (unit intra). Same selection/field appear either user search transaction type inter and intra facility. When try to search accordingly, appear no record found. Confirm by user, no issue when generate this report last year. Issue happens since last month.

Related report 241641907B | System was not properly handling when 'Indent Close Period (Inter Facility)' value is blank at Facility Configuration, and this has caused system unable to display the 'State' search field. | Data patch to update 'Indent Close Period (Inter facility)' value to 365 days. | Amend code to handle null value issue at 'Indent Close Period (Inter facility)' | 25/06/2024 |
| 28. | I-PhIS084151922APP | Hospital Queen Elizabeth (A) | Report Enquiry | 04/11/2022 | Purchase Order by Drug/Item - Data inaccurate when filter as 'All' & 'View By eP Approved Date' | User reported he has generated Purchase Order by Drug/Item for October, but report include for all date. User claimed phis system does not filter based on user filter. Kindly refer user attachment for | Wrong query was implemented on filter function at 'Date From' and 'Date To' search criteria when 'eP Approved Date' radio button is selected. | N/A | Update correct query at 'Date From' and 'Date To' search criteria when 'eP Approved Date' radio button is selected. | 08/12/2022 |

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						reference. Details as below: Created Date: 1/10/2022 - 31/10/2022				
29.	I-PhIS115812824APP	Hospital Banting (A)	Report Enquiry	07/05/2024	Enquiry Registry - Appear duplicate transactions	Ms Te reported data in Enquiry Registry does not tally with PF 7 & Drug Information. Details: Month: Jan-Mac Enquiry registry - 233 Drug Information/PF 7 - 230	Wrong query was applied during filtering function whereby system will show multiple rows for same records if there are more than 1 user with same first name and last name exist in system.	N/A	Update query to remove duplicate data during filtering function.	27/05/2024
30.	I-PhIS117766724APP	Hospital Bukit Mertajam (A)	Report Enquiry	11/06/2024	DAC Registry - Click on the search button prompt error	Reported by user, when she tries to generate Drug allergy card registry -to print report appear message "an error has occurred, please contact system administrator."	Wrong query was applied whereby system is checking whether 'Nationality' value exists or not during filtering function. Suppose system should ignore 'Nationality' value as it is not mandatory for several ID types.	Run data patch to add the missing nationality.	Change query to ignore checking on null value for 'Nationality' during filtering function.	21/06/2024
31.	I-PhIS105245523APP	Klinik Kesihatan Permaisuri (A)	Report Enquiry	23/10/2023	PF 11 Value does not tally with DAC Registry - Allergen Type = Null	Puan Nabilah reported when generate report PF, data do not tally as below details: Month: All	Previously system counted the allergy record at DAC Registry report even its 'Allergen Type' is null. Suppose allergy record should only be counted if	N/A	Update query at DAC Registry report to ignore record with 'Allergen Type' = null.	16/11/2023

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Year 2023 Click Search Data only appear until March 2023 User inform suppose got data between April to September 2023 Example data for July: Rohani Adam| MRN: KKE11002000093773	'Allergen Type' = Drug.			
32.	I-PhIS083034 522APP	Klinik Kesihatan Seremban (A)	Integratio n - TPC-OCHIS	14/10/2022	PhIS - Slow Processing Exceed Benchmark - Connection Leak (TPC)	Puan Nabila reports that the slow processing of PhIS system exceeds the benchmark, for example from screening & verification to preparation and dispensing, sometimes the processing time is up to 30 seconds. Happen for all PC, user request to check	During integration with TPC, connection was established twice at the same time, caused connection leak and consume system resource.	N/A	Amend code to remove duplicate connection establishment during TPC integration.	30/11/2022

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_V2.6.3.16.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/scripts
2	Facility Application	iphis_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war
3	Facility Application	PhISService_v.2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war
4	Facility Application	PhISSchedulers_v.2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar
5	Facility Application	phis_Email_v2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar
6	Facility Application	phis_Cd_V2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar
7	Facility Application	phis_MyMaat_v2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar
9	Mobile Application	iphismobile_user_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war
10	Mobile Application	phisAPI_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war
11	Mobile Application	Ipadhosp-2.6.3.16.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/Mobile
12	HQ Script	PatchScripts2.6.3.16_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applic

No.	Items	Components	Path
			ations/PHIS_ReleaseV2.6.3.16/iwp/scripts
13	HQ Application	phishq_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/iwp/war
14	HQ Application	masterRelease_v2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/iwp/jar
15	HQ Application	epservice_V2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/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_V2.6.3.16.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/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_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war	Please rename the war file to PhISService.war then deploy.

Ste p	Items	File Name	Source Path	Action
4	Facility Application	PhISSchedulers_v.2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/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_V2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/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_v2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/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://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war	Rename iphismobile_user_v2.6.3.16.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/facility/war	Rename phisAPI_v2.6.3.16.war to phisAPI.war and deploy.
11	Mobile Application	Ipadhosp-2.6.3.16.0b08.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/	Rename ipadhosp-2.6.3.16.0b08.war to ipadhosp.war and deploy.

Ste p	Items	File Name	Source Path	Action
			Mobile	- Mobile Frontend: 2.6.3.16.0r18 - Mobile Backend: 2.6.3.16.0b08

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	PatchScripts2.6.3.16_IWP.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/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_v2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/iwp/war	Rename the war file from phishq_v2.6.3.16.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.16.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/iwp/jar	Rename the jar file from masterRelease_v2.6.3.16.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.3.16.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.16/iwp/war	Rename the war file from epservice_V2.6.3.16.war to epservice.war then deploy.