



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

---

## Release Note

**For version 2.6.3.18**

<p><b>Version : 1.0</b> <b>Document ID : PhIS_CPS/ReleaseNote/Refinement/23102024</b></p>
---



© 2011-2024 Pharmaniaga Logistics Sdn Bhd (PLSB)

**CONFIDENTIAL COPYRIGHTED MATERIAL** – *The information includes all concepts, comments, recommendations, and material, contained herein shall remain the property of Pharmaniaga Logistics Sdn Bhd (PLSB). No portion of this document shall be disclosed, duplicated or used in whole or in part of any purpose other than the purpose of the Pharmacy Information System & Clinic Pharmacy System (PhIS& CPS) Project execution only.*



### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	23/10/2024	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



**TABLE OF CONTENT**

**1 INTRODUCTION ..... 1**

1.1 PROJECT INFORMATION ..... 1

1.2 OBJECTIVES..... 1

**2 PURPOSE ..... 2**

**3 SUMMARY – REFINEMENT AND DEFECT LIST ..... 3**

3.1 REFINEMENT LIST ..... 3

3.2 RESOLVED DEFECT LIST..... 4

**4 REFINEMENT LIST – DETAIL CHANGES..... 51**

4.1 MYSEJAHTERA INTEGRATION ..... 51

**5 DEPLOYMENT - PROCEDURES ..... 52**

5.1 LIST OF ITEMS TO BE DEPLOYED ..... 52

5.2 BACKUP PROCEDURE BEFORE DEPLOY..... 53

5.2.1 *Backup Procedure* ..... 53

5.3 DEPLOYMENT/INSTALLATION GUIDELINES..... 53

5.3.1 *Deployment at Facility*..... 53

5.3.2 *Deployment at HQ - IWP* ..... 55



## 1 Introduction

### 1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.6.3.18
Client Name	:	Ministry of Health
Release ID	:	RL24/022
Release Date	:	23/10/2024

### 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 v2.6.3.18:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R240009	Outpatient Pharmacy	MySejahtera Integration	To have new integration with MySejahtera to send patient dispensing information up to dispensed drug level when do dispense function at Dispensing and Single Stage Dispensing screens. This request is only valid for patient with Mykad/Mykid information (Malaysian citizen) and for Outpatient medication.	C2-INT00852462 4R	Bahagian Perkhidmatan Farmasi (HQ) (A)	Please refer to section #4.1

### 3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.3.18.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS086259 022APP	Klinik Kesihatan Kangkong (A)	General Module	11/12/2022	User profile - Display error message when save	Pn Nik reported error 'please contact admin' to inactive user. May refer attachment user id: 71021903XXXX	Error message was displayed because system was not able to retrieve latest user active status during saving function.	N/A	Apply correct condition to retrieve latest user active status during saving function.	11/04/2023
2.	I-PhIS079338 622APP	Klinik Kesihatan Sungai Udang (A)	General Module	28/07/2022	User profile - Excel file does not display based on listing details.	User profile - Only 1 page appear when export to excel  User reported she want export to excel for all user id but only 1 page appear in excel. User query why this issue happened.	Wrong condition was applied during printing function whereby system only retrieved the listing for the first page only. Suppose system should retrieve the whole search result during printing report.	N/A	Apply correct condition to load all records inside search result during printing report.	28/02/2024
3.	I-PhIS097764 623APP	Klinik Kesihatan Seksyen 7 Shah Alam (A) - INT	General Module	26/06/2023	Stock Location - Error admin upon click on save button	Miss Tee reported, unable to save stock location due to appear error " please contact your system admin"  Unit Code: 001 Status: Active User edit location code > save > appear error	'Location Code' was not properly retrieved from backend during save and update functions.	N/A	Amend code to correctly retrieve and updating the 'Location Code' during save and update functions.	04/09/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
4.	I- PHIS088427 223APP	Hospital Sri Aman (B)	General Module	16/01/2023	Item Batch - Cannot edit batch	Mr Kiu reported unable to edit batch number and expired date for below item.  Item code: A02BC02000P3001XX.03 Pantoprazole 40mg Injection Item batch: DUMMY BATCH Change to batch: GLP05M05 Expired date: 31/10/2025 Change to Exp: 30/09/2024	Issue happens due to system not able to edit Item Batch number even though there is no transaction created against reported batch. Suppose system should allow user to modify Item Batch record if there is no approved record is created and no transaction is updated in Item Movement & Item Batch Movement.	Execute the script to change batch no from 'DUMMY BATCH' to 'GLP05M05' and expiry date from '31/10/2025' to '30/09/2024'.	Amend code to allow user to modify Item Batch record if no approved record is created.	10/04/2023
5.	I- PHIS122565 024APP	Hospital Tengku Ampuan Afzan (A)	General Module	10/09/2024	Unit Catalogue List - Unable to add drug - Drug/Non Drug Name length	Email: Seperti perkara di atas, pihak kami mengalami gangguan ketika cuba memasukkan item ke dalam Unit Catalogue List seperti lampiran.  Kod Item: B05ZB00997H3107 Nama item: Sodium Chloride 7.013g/L, Potassium Chloride	Previously 'Drug/Non Drug Name' field only allow up until 200 characters. Suppose the field length should be 250 characters as Drug Name field is allow up until 250 characters in Drug Master.	N/A	Extend character length from 200 to 250 for 'Drug/Non Drug Name' field.	11/09/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						0.314g/L, Magnesium Chloride Hexahydrate 3.05g/L, Sodium Hydrogen Carbonate 2.122g/L & Disodium Phosphate Dihydrate 0.187g/L Solution for Haemodialysis/ Haemofiltration  Error: Too many characters are entered. At most 200 items are allowed.				
6.	I- PHIS085665 722APP	Hospital Pakar Sultanah Fatimah (B)	General Module	01/12/2022	Quota Drug List - Remaining Balance appear negative value	Ms. Cheong reported appear negative value in quota drug list for column Remaining Balance.  She informs there are several drugs that appeared with negative value on Remaining balance.  User also notice that patient appear in internal list as inactive instead of external and active and appeared Remaining Balance (exclude External) = -1.  Details:	No validation was applied if 'Quota Quantity' value is more than 'Current Total Patient (exclude External)' value during save function. Suppose 'Current Total Patient (exclude External)' value cannot exceed 'Quota Quantity' value.	Data patch to update quota quantity based on the current internal and active patient count for the reported drug.	Add validation to restrict 'Current Total Patient (exclude External)' value to exceed 'Quota Quantity' value.	31/03/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Drug Code: S01XA20000D2003 Remaining Balance = -7 MRN: HPSF00020926 (inactive) and appear in internal instead of external				
7.	I- PHIS086294 322APP	Hospital Enche Besar Hajjah Kalsom, Kluang (A)	Pharmacy Inventory	12/12/2022	Receive Intra Facility - Allow to save single quote marks (')	Received email from Pn. Roshalina. Dilampirkan paparan yang muncul apabila menggunakan RECEIVED INTRA FACILITY untuk tindakan pihak tuan / puan. Terima kasih.	System was not correctly handling special characters at 'Manual Reference No' field during saving function.	Execute data patch to update issue number.	Amend code to handle special characters at 'Manual Reference No' field during saving function.	05/01/2023
8.	I- PHIS085970 322APP	Hospital Tapah (A)	Pharmacy Inventory	06/12/2022	Receive Item - Intra Facility – Record Not Appear	Ms Teresa reported that she is unable to find particular receiving transaction in Receive Intra screen. However, it can be found in Receive Item Report. R122004645 Kindly refer to attachment for further details.	Wrong condition was applied in report query for 'Receive Date To' search criteria. Suppose system should consider record up until 11:59pm for specified 'Receive Date To' value.	N/A	Amend condition in report query to consider record up until 11:59pm for specified 'Receive Date To' value.	03/01/2023
9.	I- PHIS084785 322APP	Klinik Kesihatan Kelana Jaya (A) - INT	Pharmacy Inventory	15/11/2022	Receive Inter Facility - Pop up message appear when proceed with	En Adam reported unable to received item due to appear message "Same batch no is not allowed to have 2	Wrong validation was applied for 'Batch No' value inside Receiving screen. Previously system has treated	N/A	Update correct validation for batch no value to be case sensitive.	09/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					receive (Vaccine/All Item)	different expiry date. Please create new batch no with new expiry date."  Item: J07BX03000P3201.01- Covid 19 mRNA Vaccine Batch:1K078A expiry date: 31/1/2023 Brand: COMIRNATY Quantity to receive: 100 vial	same 'Batch No' records but with different alphabet case as same record instead of different record.			
10.	I- PHIS084485 822APP	Klinik Kesihatan Bako (A)	Pharmacy Inventory	10/11/2022	Receive Interfacility (Online Indent): Not receive issue - Change unit name	Pn. Farah reported unable to receive (inter facility) due to transaction does not appear.  User inform has received item physically from MUSN, checked with user in inter facility screen still no records were found.  User did click retrieve button nut no record found.  Indent no: R22276, R22278, R22273	Issue happens due to unit name value had been changed at facility level. Due to this, system unable to trace the correct unit and unable to upload the issue note from IWP to facility.	Data patch to update issue table with correct unit.	Amend code by retrieving unit code instead of unit name when uploading issue note to facility.	31/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
11.	I- PHIS084904 422APP	Hospital Sultanah Aminah (A)	Pharmacy Inventory	17/11/2022	Indent Inter Facility (Received) - Duplicate transaction appear	Email from user: All SPUB indents from other facility become double up.	No validation was applied to check whether indent number is already used or not during approval process.	Data patch to change duplicate indent as 'Rejected' and leave only one record as 'Approved'.	Add validation to check on availability of indent number during approval process to prevent duplicate transaction.	06/01/2023
12.	I- PHIS098227 323APP	Klinik Kesihatan Jalan Putra (A)	Pharmacy Inventory	04/07/2023	Indent Inter (Sent): Pending Receive Quantity hyperlink shows transaction from others unit.	Puan Masyitah reported unable to send indent with pop up message more than max storage. Details: Unit name - Farmasi Logistik Code - 1. B05XA03100P6002f   Sodium Chloride 0.9% 1000mL Irrigation Soln 2. N01BB53974P3001XX   Mepivacaine HCl 2% with Adrenaline (1:100,000) Injection (2.2ml) 3. R02AA05137M2001XX   Chlorhexidine Gluconate 0.2% Mouthwash 4. G1010220001   Hyaluronic Acid, Gingival Gel (Sachet)	Previously 'Pending Receive Quantity' column inside Indent screen was wrongly shown as drug stock for whole units inside facility instead of showing based on specified unit.	N/A	Amend condition to show 'Pending Receive Quantity' based on specified unit inside Indent screen.	29/09/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						User confirms already clear pending receive and user also confirm with PKD already complete issuing. Item already exist in item product buffer level				
13.	I-PhIS087187822APP	Klinik Kesihatan Kelana Jaya (A) - INT	Pharmacy Inventory	27/12/2022	Item Movement - Good stock at section Item drug/non drug List show wrong value (UOM)	Email from user: Nilai pku pada item movement report  Mohon pameran nilai baki stok adalah mengikut kriteria yang dinyatakan PKU. Good stok 30000 dipamerkan mengikut PKU/SKU yang dipilih	Wrong condition was applied inside report query whereby system was not converting 'Good Stock Quantity' to correct value when UOM = PKU during filtering function.	N/A	Update correct condition inside report query to convert 'Good Stock Quantity' to correct PKU value during filtering function.	21/02/2023
14.	I-PhIS085675122APP	Klinik Kesihatan Permatang Badak (A)	Pharmacy Inventory	01/12/2022	Penalty - Popup message wrongly appear when click approved button (reject)	Pn Juliana reported that for following Penalty transaction, the status appears as Rejected. After referring to PKD Kuantan, they inform that the Penalty has been approved by PKD user.  Penalty No: PE21-06050262-221100104	Wrong tooltip message appeared during mouse over at Reject button in Penalty screen.	N/A	Amend correct tooltip message during mouse over at Reject button in Penalty screen.	10/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
15.	I- PHIS086865 222APP	Klinik Kesihatan Lekir (A)	Pharmacy Inventory	21/12/2022	Recalculate Buffer Level - Wrong calculation of Min Purposed and Max Storage Purposed	Ms. Ong reported that the recalculate buffer level done in her facility is illogical due to item are frequently use but purposed quantity is too small.  Issue happens to all her item in Main Store > APPL > for 60 days.  Item Example: item drug: C08CA01000T1001XX - 60 days  Min storage: 15 000   Buffer level: 30 000   Max Storage 45 000  Proposed Min Storage 667   Proposed buffer 60 000   Proposed Max Storage 3333	Wrong formula was applied to calculate 'Proposed Min Storage', 'Proposed Buffer Level Quantity' and 'Proposed Max Storage Quantity' values.	N/A	Modify formula to calculate 'Proposed Min Storage', 'Proposed Buffer Level Quantity' and 'Proposed Max Storage Quantity' values.	10/04/2023
16.	I- PHIS087390 822APP	Hospital Jasin (A)	Pharmacy Inventory	30/12/2022	Notification - Duplicate notification and error admin	En. Syamil reported unable to open notification in home screen due to error appear "Please contact your administrator".  User informs transaction number NO22007477 repeated with no title	No validation was applied at IWP on duplicate records for notification. Suppose system should not auto create new record if same 'Notification No' already exists in the system.	N/A	Apply validation to not create new notification record if same 'Notification No' already exists in the system.	13/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						from half page in page 1-4. Details: - Notification No: NO22007477 (Near expiration item) Title: -blank-				
17.	I-PhIS121508024APP	Hospital Kota Tinggi (A)	Pharmacy Inventory	21/08/2024	Notification – Blank unit list and error admin appear	Puan Hanani reported Unit list blank Unit: FPL Filling Counter Unit list blank. IC: 96102401XXXX Inventory > Inventory Management > Other > Notification > Add new record	Status was not correctly handled in system if notification is created by non-main store user.	N/A	Modify code to update notification unit list at all levels 2, 3 in sub store unit and ward unit.	30/08/2024
18.	I-PhIS088220423APP	Hospital Alor Gajah (A)	Pharmacy Inventory	12/01/2023	Item/Product Buffer Level - Item Purchase Type is incorrect	Miss Lai reported wrongly item purchase type at item product buffer level. User informs user try to edit but system does not allow to edit the item purchase type. User will provide list item affected thru email.  ----- M01AB05520P3001XX   Diclofenac Sodium 75mg/3 ml Injection	'Item Purchase Type' was wrongly set when drug is having multiple 'Item Purchase Type' either APPL, LP and Contract. Suppose system should set the value based on the 'Item Type' of 'Item Default' for the drug.	N/A	Amend condition to set 'Item Purchase Type' based on the 'Item Type' of 'Item Default' for the drug.	12/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						N01AX10000P9901XX   Propofol 1% Injection (200mg/20ml Vial) B05XA06170P3001XX   Potassium Dihydrogen Phosphate Injection V03AF03237P3002XX   Leucovorin Calcium 50mg/5ml Injection (Folinic acid) C07AG01110P3001XX   Labetalol HCl 25 mg/5 ml Injection B01AB05520P5001XX   Enoxaparin Sodium 20 mg Injection J02AC01000P9901XX   Fluconazole 100mg/50ml Injection N03AX14000T1002XX   Levetiracetam 500 mg Tablet N06AB08253T1002XX   Fluvoxamine 100 mg Tablet N05AH02000T1002XX   Clozapine 100 mg Tablet A04AA02110T1001XX   Granisetron HCl 1 mg Tablet				



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						H03AA01152T1003XX   Levothyroxine Sodium 25 mcg Tablet  L01BA01000T1001XX   Methotrexate 2.5 mg Tablet  C10AA03520T1001XX   Pravastatin Sodium 20 mg Tablet  J05AF07138T1001XX   Tenofovir Disoproxil Fumarate 300 mg Tablet  N06AB10124T1001XX   Escitalopram 10 mg Tablet				
19.	I- PHIS089060 723APP	Hospital Muadzam Shah (B)	Pharmacy Inventory	27/01/2023	Purchase Order - Receiving Status shown OPEN instead FULLY RECEIVED	Pn Multazimah reported that she is unable to proceed full payment for following LPO No due to receiving status is not updated. She informs that already proceed with full received under P230000031  LPO No: CO23 36626 V2616	Error happens due to system was not able to retrieve correct user ID during updating task list, and this has caused Purchase Order record was unable to be updated with the latest receiving information.	Data patch to update Purchase Order receiving information as completed.	Amend code to retrieve correct user ID during updating receiving process.	11/04/2023
20.	I- PHIS088070 523APP	Hospital Pakar Sultanah Fatimah (B)	Pharmacy Inventory	10/01/2023	Purchase Order (LP-Requisition Order): RO number not	Miss Teoh reported RO does not appear during purchase order  RO No: RO23000021	Wrong condition was applied to show Requisition Order number inside Purchase	N/A	Apply correct condition to show Requisition Order number inside	24/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					appear against Direct Purchase		Order screen if amount is more than RM 500000. Suppose there should be no limit on order amount when proceeding with Direct Purchase and Lampiran Q. Requisition Order number should appear at both Direct Purchase & Lampiran Q order type.		Purchase Order screen when amount is more than RM 500000.	
21.	I-PhIS087999 923APP	Klinik Kesihatan Kahang Batu 22 (B)	Pharmacy Inventory	09/01/2023	Request Order Authorization - Available Quantity column refer to stock from others unit	User reported has generate EPO and sent for approval to Stor Logistik PKD.  When logistik received the PO, balance stock quantity appeared for Unit Counter instead of store.  Purchase order no.: PO23000001 PO23000002 PO23000003  All item drug appeared incorrect stock quantity.	Missing condition to show 'Available Quantity' column based on specified unit in Request Order Authorization screen.	N/A	Amend condition to show 'Available Quantity' column based on specified unit in Request Order Authorization screen.	10/04/2023
22.	I-PhIS085145 322APP	Hospital Labuan (C)	Pharmacy Inventory	22/11/2022	Prepacking: Stock Available (SKU) & Stock Available (PKU)	Puan Nur Amalina reported stock not available for item prepack after	Cosmetic issue. System was showing 'Stock Available (SKU)' and 'Stock Available (PKU)'	N/A	Amend code to display 'Stock Available (SKU)' and 'Stock Available	10/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					column shows blank.	<p>completing the prepacking. User unable to find item to issue to end user.</p> <p>Unit: Galenikal &amp; Prepacking</p> <p>Issue to: Counter Outpatient</p> <p>Prepacking ID: PR22001053 - PR22001055</p> <p>Status: Completed</p>	columns as blank value when stock is not available. Suppose should display as 0.		(PKU)' columns as 0 instead of blank value at search result if stock is not available.	
23.	I-PhIS086290422APP	Pejabat Kesihatan Daerah Mersing (B)	Pharmacy Inventory	12/12/2022	Penalty: Approve button display at PKD level	<p>Puan Salwa query on step penalty for PKD user</p> <p>Penalty PhIS PKD Mersing   PE91-01050006-221100161</p> <p>User able to send for approval then approve in PhIS PKD Mersing.</p> <p>User needs to verify this penalty in PhIS or IWP</p> <p>User informs previously user did for Penalty Klinik Kesihatan Tenglu, only able to send for approval then need to approve in IWP</p>	Wrong condition was applied whereby system was allowing approval process for penalty at PKD level. Suppose approval process should be restricted at PKD level.	N/A	Update condition to now allow penalty approval process at PKD level.	26/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
24.	I- PHIS084424 022APP	Pejabat Kesihatan Daerah Hulu Selangor (A)	Pharmacy Inventory	09/11/2022	Indent Inter: Indent status does not update to Closed (PO Indent - Payment with Credit Note)	<p>Puan Hafizah inform wrongly proceed payment for PO</p> <p>Indent Inter from KK Serendah - Purchase Order at PhIS PKD Hulu Selangor - Payment with CN in IWP</p> <p>Indent No: R22000391 (KK Serendah)</p> <p>Purchase Order: PO22000708</p> <p>Payment: PM22069903</p> <p>Puan Hafizah inform KK already receive physical item, and query about receiving in PhIS</p> <p>Indent Status KK Serendah: Open</p> <p>Purchase Order   Receiving Status: Open</p> <p>User requests advise on status indent in KK Serendah and Purchase Order   Receiving Status in PKD Hulu Selangor.</p>	Wrong condition applied in code whereby system was not correctly updating 'Indent Inter Status' to 'Closed' if user proceed payment with credit note for purchase order Indent.	Execute script to update indent status to Closed.	Amend code to update 'Indent Inter Status' to 'Closed' if user proceed payment with credit note for purchase order Indent.	19/12/2022
25.	I- PHIS123292 224APP	Pejabat Kesihatan Kawasan Kunak (B)	Pharmacy Inventory	25/09/2024	IWP-Payment: Details do not display	Encik Asyraf requests advise on payment for PO below since got item with stop delivery situation at eP. User	System cannot load facility details properly during opening Payment screen when payment is earlier created and	Implement class file release at IWP.	Amend code to correctly load all facility details value during opening Payment screen.	06/10/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>concern to complete PO status and budget flow back to facility.</p> <p>Date: 14.1.2024</p> <p>PO No: PO24000465   Amount: RM3073.32</p> <p>Total: 6 items</p> <p>1 Item Code inactive: 01.0413.02</p> <p>LPO No: CO24000000073099</p> <p>Stop Delivery for 1 item in eP</p> <p>Pharmaniaga Invoice: CSB342568   Amount: RM1033.52</p> <p>Date: March 2024 (Can't remember the exact date)</p> <p>Payment: User unable to find the payment no, no record found. When user try to re-do payment, pop up message payment already made with status open/pending for approval</p> <p>-----</p> <p>Date: 17.1.2024</p>	closed, with Open and Pending for Approval status.			



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						PO24000470   Amount: RM794.72 Total: 5 items 1 Item Code inactive: 02.2610.02 LPO No: CO240000000081431 Stop Delivery for 1 item in eP. Pharmaniaga Invoice: CSB343584   Amount: RM658.18 Payment: No payment yet since no credit note, user need confirmation how to proceed the payment.				
26.	I- PHIS124089 224APP	Pejabat Kesihatan Daerah Seberang Perai Tengah (A)	Pharmacy Inventory	10/10/2024	IWP - Penalty Incident: Details missing (column length - T_PENALTY_ITEM.ITEM_NAME only set 100)	Ms Ding reported penalty incident (PS21) amount became 0 in IWP. User informed during approval penalty amount still appear. Issue happened to 7 penalty incidents for same LPO. Details: LPO: CO240000000287374B   PKD Seberang Perai Tengah	Issue with character length for 'Item Name' column at 'Penalty Item' table at IWP which having 100 characters while in facility was having 200 characters. Due to this, penalty item and details were not able to be inserted into IWP database.	Execute patch script to extend character length at IWP.	Apply script at IWP to extend character length for 'Item name' column from 100 to 200.	17/10/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
27.	I- PHIS113349 824APP	Hospital Seri Manjung (A)	Patient Management	18/03/2024	Slow Processing – Corrupted patient photo data	Encik Amirul reported PHIS system keep loading and application become hang after that. Issue happened to all PC and all unit.  As confirm by CC, need checking by System Team	Issue with the table corruption. 2 tables related to patients and stock were corrupted and has caused database hang and occupied huge memory.	Perform data patch and vacuum to clean all the unnecessary data and corrupted chunks from database and restart back all the related processes.	Modify code to save the patient photo to different patient photo table and read from it while loading,	24/06/2024
28.	I- PHIS122932 924APP	Hospital Seri Manjung (A)	Patient Management	18/09/2024	PHIS - Slow Processing Exceed Benchmark: - Patient Photo	Pn Syahida reported PHIS system slow processing exceed benchmark. Details as below:  Module start from screening until dispensing Processing time more than 30 second user claimed affect to all PHIS pc in outpatient pharmacy since 12:50 PM	Issue happens due to no validation for image type and file size. Issue also happens due to table corruption. 2 tables related to patients and stock were corrupted and has caused database hang and occupied huge memory.	Serialize the patient image and reupload back to patient module.	Modify code to add validation to only allow GIF, JPEG and PNG image type and maximum 2mb image. And amend save patient photo function to different patient photo table and read from it during retrieving patient information.	16/10/2024
29.	I- PHIS122651 724APP	Klinik Kesihatan Chemor (A)	Patient Management	12/09/2024	PHIS - Slow Processing Exceed Benchmark	Mr Cheah reported that PHIS is slow processing, noticeably while doing	There was an error during reading Mykad reader due to character length for 'ID No' column. This has caused	Execute data patch to extend character length for 'ID No' column	Prepare script for data patch to extend character length for	26/09/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					(Mykad reader error)	transcribing. Kindly refer to attachment.	apps become hang and consume server resources which leads to slowness issue.	from 25 to 30 characters.	'ID No' column from 25 to 30 characters.	
30.	I- PHIS122132 224APP	Klinik Kesihatan Gersik (B) - INT	Patient Managem ent	02/09/2024	Medication Profile - No record found - Screen displays below	Pn Teong reported medication profile for patient missing but available in record retrieval.  example:  IC: 54080704XXXX Name: Siti Hawa bt Hassan	Issue with the timestamp format. This has affected to the integrated data if using timestamp format 'mm'.	Implement class file release for affected facilities.	Amend in code by changing timestamp format from 'mm' to 'mi'.	01/10/2024
31.	I- PHIS086759 622APP	Klinik Kesihatan Port Dickson (A) (EXTD)	Order Managem ent	19/12/2022	Quota Drug List - SPUB visit not allowed to add quota drug	Mr Tony reported Patient not auto include in Quota Drug List  Record Prescription Visit: SPUB Click Add - 08082 patient not in quota drug list Patient Details: 89082205XXXX   Tony Tok Drug: Vildagliptin 50 mg Tablet	Incorrect validation was applied on quota drug for patient with SPUB visit type. Suppose system should allow user to order quota drug for patient with SPUB visit type even patient is not recorded inside Quota Drug List screen.	N/A	Remove unnecessary validation to check on quota drug for patient with SPUB visit type.	06/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>Screenshot may refer to quick guide.</p> <p>User inform refer to Pharmacy Quota Drug list 2.6</p> <p>For Visit SPUB Walk In- no need to key in Quota Drug List (Page 8)</p>				
32.	I- PHIS087178 122APP	Hospital Raja Permaisuri Bainun (A) - INT	Order Management	27/12/2022	Declare allergy: Need to be assessed and No known allergy radio button are auto tick.	<p>Dr Nithiya reported system auto tick allergy for both option (No Known allergy and Need to Be Assessed). User informed she unable to untick one of the options.</p> <p>HRPB857236</p>	Previously wrong script was applied whereby system will always set 'Need to be accessed' checkbox as Y even though existing record already set 'No known allergy' checkbox as Y. Due to this script, both values were wrongly set as Y. Suppose there is only 1 value should be set as Y at one time.	Run data patch to update 'Need to be accessed' checkbox as Y and 'No known allergy' checkbox as N if both 'Need to be accessed' and 'No known allergy' checkboxes are set as Y.	Prepare data patch script to update 'Need to be accessed' checkbox as Y and 'No known allergy' checkbox as N if both 'Need to be accessed' and 'No known allergy' checkboxes are set as Y.	19/01/2023
33.	I- PHIS117955 224APP	Hospital Bera (B) - INT	Order Management	14/06/2024	Medication Profile - Renew Rx with proceed order show wrong date in medication order	<p>Puan Syahida reported start date does not appear accordingly.</p> <p>IC: 88072601XXXX   Mohd Hanif Bin Mohamed</p> <p>Proceed 1st order</p>	Wrong condition was applied during reorder function, whereby system will always start medication based on current date even though current medication is still active. Suppose start date	N/A	Amend code to set start date after end date for current medication is passed during reorder function.	06/09/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>Start Date: 13.6.2024(5.09AM)- 16.6.2024</p> <p>Rx No: ED0000024150</p> <p>Proceed 2nd order with same medication</p> <p>Start Date: 13.6.2024(4.15PM)- 16.6.2024</p> <p>Rx No: ED0000024203</p> <p>User clicks on proceed order but start date appear continue from current end date. (User did changes to correct date)</p>	should start after finishing active medication during reorder function.			
34.	I-PhIS084909322APP	Hospital Umum Sarawak (A)	Order Management	17/11/2022	Medication Order - Wrong start date when use function Re-Order with current end date	<p>Email from user: Issues with PhIS v2.6</p> <p>For "Record Prescription", start dates of newly ordered items do not begin with the end date of last supply although the user has selected "Re-order with current end date" from the Medication Profile page.</p>	<p>Incorrect condition was applied during 'Re-order with current end date' whereby system will set the start date for new order as current date. Suppose system should set the start date for new order based on the end date for previous order.</p>	N/A	Apply correct condition to set the start date for new order based on the end date for previous order during 'Re-order with current end date function'.	11/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
35.	I-PHIS089323 323APP	Klinik Kesihatan Rembia (A) - INT	Order Management	01/02/2023	Record Prescription - Unable to add drug - Quota Drug - Re-Order Rx / renew Rx	<p>Pn Syafinaz reported that she is unable to transcribe following drugs to patient due to pop up appears.</p> <p>Drug Code:            A10BH02000T1001XX            Vildagliptin 50 mg Tablet            P03AC04000L6001XX            Permethrin 5% w/v Lotion            A10AD05000P3001XX            Insulin aspart 30%/aspart protamine 70%(NovoMix-30) 100 IU/ml FlexPen            A10AE05000P5001XX            Insulin detemir (Levemir) 100 IU/ml FlexPen</p> <p>Pn Syafinaz reported that for following drugs, user did add as Quota Drug List in PhIS. However, user is not able to remove those drugs from the Quota Drug List. User already inactivated all patients</p>	Issue happens due to no validation was applied on active/inactive flag for quota drug during reorder function.	N/A	Apply validation on active/inactive flag for quota drug during reorder function.	24/08/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						(if any) for all these drugs, but issue persists. sample for checking. IC No: 46041004XXXX V2616				
36.	I-PINT12138 1124IPHIS	Hospital Sultan Ismail (A)	Order Management	19/08/2024	HIS@KKM - Patient allergy issue - Alert message to declare allergy appear	SIT Alif reported pop up declare allergy even patient already got history of allergy HSI4566	Missing implementation to set value for 'Need to be assessed' and 'No known allergy' columns in integration process for TPC and HISKKM.	N/A	Add condition to set 'Need to be assessed' and 'No known allergy' columns to 'N' when adding allergies via HL7 integration from TPC or HISKKM.	10/09/2024
37.	I-PINT12145 8524IPHIS	Hospital Sultan Ismail (A)	Order Management	20/08/2024	HIS@KKM - Hold status not sent to HIS@KKM for special order (CDR & PN)	Received email from Alif, HOSPITAL SULTAN ISMAIL, JOHOR: STAGING SERVER (INTEGRATION TESTING).  'Issue: Hold Order by Pharmacist  Pharmacist holds order (hold in Preparation) for PN and CDR, status not send back to HIS@KKM, for normal order; status sent.  Example patient: MRN: HSI8125 Example order CDR: WD8A0000036468	Missing implementation to send hold status for PN and CDR orders to HIS@KKM.	N/A	Implement function to send hold status message for PN and CDR orders to HIS@KKM.	10/09/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Example order PN: WD8A0000036467'				
38.	I- PHIS107628 923APP	Hospital Pakar Sultanah Fatimah (B)	MAR - Web	03/12/2023	MAR Recording - Drug does not display	Dr Lau reported prescription does not appear in MAR Recording. User confirms already proceed medication order  HPSF00188730   Azlinda Binti Atir  Time/Date Ordered: 3.12.2023   11.30AM  For today, only appear 1 drug  For tomorrow, all 4 drugs do not appear	System was unable to retrieve current drug status and drug information during creating MAR record after confirming order.	N/A	Modify code to retrieve full details of drug status and drug information during MAR record creation.	27/09/2024
39.	I- PHIS114432 324APP	Hospital Cyberjaya (A) - INT	MAR - Web	09/04/2024	View MAR - Drug status shows wrongly in Medication Order screen	En. Najmi reported that status drug in view mar is incorrect. It's show X/closed while drug is still active  MRN: HCJ50043  Patient name: Mohamad Irfan  Visit location: 7A Paediatric  Drug name: Metronidazole 500mg/100ml Injection	System was not correctly handling discontinue drugs when having intervened or modified drugs.	N/A	Amend code to handle discontinue drugs when having intervened or modified drugs.	14/10/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
40.	I-PhIS103624 923APP	Hospital Dutchess of Kent (A)	Outpatient Pharmacy	26/09/2023	Screening and Verification - Error contact admin appear when click direct print label	Email: Unable to print label appear error please contact your system admin, only problem for this patient, refer video from user  MRN: hdok00121628 Patient name: Awang Mohd Hasbullah Rx: FKPK0001289240	Issue happens due to wrong number formatting when the drug prices are more than 3 digits.	N/A	Modify code to remove comma at the drug price while sending to drug label printing job.	09/11/2023
41.	I-PhIS084777 522APP	Hospital Tuanku Fauziah (A)	Outpatient Pharmacy	15/11/2022	Medication Order: Frequency column shows in consistence	En. Omar reported unable to change frequency in medication order due to option unable to be click.  User wants to change frequency however when try to choose the option kept changing size and unable to be choose.  Kindly refer attachment. MRN: HTF 00014911 Name: Hasnah Binti Jaafar	Cosmetic issue at 'Frequency' dropdown value.	N/A	Fix cosmetic issue at 'Frequency' dropdown value.	19/12/2022
42.	I-PhIS085673 722APP	Hospital Raja Permaisuri Bainun (A) - INT	Outpatient Pharmacy	01/12/2022	Methadone Dispensing - Next Collection	user reported when user filter Next Collection Date from - Next Collection Date to 1/12/2022 at	Wrong query was applied for 'Next Collection Date From' and 'Next Collection	N/A	Apply correct query inside filtering function for 'Next Collection Date From' and 'Next	30/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					Date From/To filtering issue	Methadone Dispensing screen system will appear 100 records, and user already dispense in system for few patient, user inform when user refresh / search again the record still appear at same screen Methadone Dispensing. example detail: HRPB 82945 (Zulkarnain Idris) Next Collection Date From - Next Collection Date to 1/12/2022	Date To' search criteria at listing screen.		Collection Date To' search criteria.	
43.	I-PhIS088453 423APP	Klinik Kesihatan Nabawan (B)	Outpatient Pharmacy	16/01/2023	Drug Label - Popup error message when click direct print - lazy initialization	Encik Syarizal reported got error contact admin during print drug label Patient Details: Example: Name: Rafidah Landoh IC: 93052212XXXX User realizes issue only happened to this drug: Drug: Etonogestrel 68 mg Implant	System was unable to retrieve 'Dispense Quantity UOM' value at backend database during direct printing function.	N/A	Improve query to retrieve correct 'Dispense Quantity UOM' value during direct printing function.	30/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Click Direct Print Drug Label: Pop Up 2834: Error contact admin				
44.	I-PhIS087631 523APP	Hospital Tuanku Fauziah (A)	Outpatient Pharmacy	03/01/2023	Screening & Verification - Auto allocate popup message "System will overwrite current allocation for all drugs"	<p>En Omar reported, partial supply appears message 'system will overwrite current allocation for all drug, do you want to proceed with new allocation'. User informs he will proceed the transaction and cannot wait PhIS to check, kindly refer video and attachment from user</p> <p>The user asked why this popup appeared even though the reserve quantity was empty (0)</p> <p>Detail: MRN: HTP00005566 Patient name: Syafiee Ibrahim</p>	Wrong validation was applied to check on alternate allocation. Previously system was only checking on alternate drug flag even with no allocation. Suppose system should ignore validation if there is alternate flag with no allocation.	N/A	Modify condition to ignore validation if there is alternate flag with no allocation.	09/01/2023
45.	I-PhIS107450 023APP	Hospital Rembau (A) - INT	Outpatient Pharmacy	30/11/2023	Screening & Verification - Reserve quantity not clear at unit	Puan Farzana reported stock become 0 after intervention HREM20239   Sumah Binti Hamid	Missing implementation to clear reserve quantity at Unit Catalogue after intervention.	Execute data patch to clear reserve quantity.	Modify code to clear reserve quantity at Unit Catalogue after intervention process.	25/03/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					catalogue - Intervention	Code: S01ED01253D2002b Rx No: KPR0000099802 Screening & Varification - Click Allocate - Reserve Quantity: 2 Proceed Intervention > Order Quantity: 8 Click Allocate > Reserve Quantity: Become 0 Unit Catalogue: Kaunter Farmasi OPD Stock Available: 2 Reserve Quantity: 2 2634				
46.	I-PhIS088078 123APP	Hospital Raja Permaisuri Bainun (A) - INT	Outpatient Pharmacy	10/01/2023	Methadone Dispensing: Unable to Dispense Taper Drug	Pn Qurasyiah reported unable to dispense at methadone dispensing. error 'unable to dispense, please do allocation for all drug/hold the drug if no drug stock'. Refer attachment MRN: HRPB101617 - Khairi bin Ahmad	There was an error on calculating the stock allocation for tapered drug and this has caused issue during dispense function inside Methadone Dispensing screen.	N/A	Amend condition to get correct stock allocation during dispense function for tapered drug.	11/04/2023
47.	I-PhIS089207 023APP	Hospital Kuala Kubu Bharu (A)	Outpatient Pharmacy	30/01/2023	Methadone Dispensing - System auto	Ms. Dipisha reported patient medication allocated even though user has tick POM.	Incorrect condition was applied in code whereby system did auto allocation for POMS drug. Suppose system	N/A	Implement checking on POMS drug flag during auto allocation function.	11/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					allocate for POMS drug	User did check in record retrieval status open and ordered. User unable to open dispensing history. She informs did also check in medication history and drug status ordered.  MRN: hkkb00231746 - muhammad ihfan bin muda .	should disregard auto allocation function for POMS drug.			
48.	I-PhIS088643 223APP	Klinik Kesihatan Kelana Jaya (A) - INT	Outpatient Pharmacy	19/01/2023	Re-Dispensing - Error popup when print drug label - details blank	En Adam reported error label blank. Error 'please contact admin' May refer attachment user MRN: 12778225 Patient name: Wong Kiam	Issue happens due to missing null checking on 'Quantity per dose' value during generating drug label when the selected dispensing record consists of alternate drug.	N/A	Add null checking on 'Quantity per dose' value during generating drug label.	11/04/2023
49.	I-PhIS121121 424APP	Klinik Kesihatan Rantau Panjang (A)	Outpatient Pharmacy	14/08/2024	SPUB - Not receive external SPUB from other facility - SPUB stuck at IWP	Puan Liyana reported did not received any Online SPUB R1 from external facilities this week. Sample patient as below:  IC No & name: 15082203XXXX   Puteri Aisyah Nazihah Bt Hasbullah	Issue happens due to system could not handle huge data volume and SPUB keep hitting memory issue if prescription has alternate drug.	N/A	Change SPUB sending method to limit the data to 10 records per one time when sending message so that data would not be too big and hit errors.	11/09/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Facility: HRPZ				
50.	I-PhIS121847 124APP	Klinik Kesihatan Air Kuning (A)	Outpatient Pharmacy	28/08/2024	Methadone Dispensing - Direct print popup error message	User Ms Wan Chooi Xian reported unable to print label using direct print / print preview. Details: Appear message "Please contact your system admin". IC patient: 74020105XXXX	Incorrect condition was applied for direct print function if TA value is set more than 2.	N/A	Amend code to be able to handle direct print function if TA value is set more than 2.	06/09/2024
51.	I-PhIS119897 524APP	Hospital Rembau (A) - INT	Outpatient Pharmacy	20/07/2024	Dispensing - Transaction appear at wrong dispensing location - patient transfer	Pn Sarah reported that patient is actually an Outpatient patient. However, after reaching Dispensing stage, it somehow appears in Dispensing for Inpatient. IC No: 79062605XXXX	Dispense location value was wrongly set during transfer function if patient was transferred to same location with different bed number.	Data patch to update patient queue and dispensing tables for reported patient.	Amend code to set correct dispense location during patient transfer function.	08/10/2024
52.	I-PhIS123259 124APP	Klinik Kesihatan Kuala Lumpur (A) (EXTD) - INT	Outpatient Pharmacy	25/09/2024	PhIS - Slow Processing Exceed Benchmark (MySejahtera Integration - Unrecognized JSON Data Type for Old Postgres Version)	Emel: PhIS dispensing di KK Kuala Lumpur bermasalah, mengambil masa sangat lama untuk dispense. Details: - dispensing module	Issue happens due to system has contained casting process from any data type to JSON datatype during inserting record into JMS staging table for MySejahtera integration. But this JSON datatype is not supported by Postgres database below than	N/A	Remove casting process to JSON datatype during inserting dispensing record into JMS staging table.	26/09/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Refer attachment.	version 9.6. Due to this, error has occurred during inserting the dispensing record into staging table.			
53.	I-PhIS084837 222APP	Hospital Miri (A)	Manufacturing - CDR	16/11/2022	CDR Label: Infusion Rate / Infusion Over / Volume shows blank - Combination	User Ong reported Missing infusion data when combination function is selected. Infusion rate and infuse over is available when allocate normally However, when combination function is selected the Infusion rate and infuse over will be missing Please help to make sure Infusion rate and infuse over value is available after combination is selected.	System was unable to retrieve and display 'Infusion Rate', 'Infusion Over' and 'Volume' values in drug label if there is combination drug.	N/A	Implement correct query to retrieve and display 'Infusion Rate', 'Infusion Over' and 'Volume' values in drug label if there is combination drug.	06/01/2023
54.	I-PhIS086486 722APP	Hospital Dutchess of Kent (A)	Manufacturing - CDR	15/12/2022	CDR - Schedule Date wrongly update	CDR Order - Cycle Start Date issue Encik Ashraf reported Cycle Start Date not updated CDR Order CDR Regimen Details Early Preparation - 15.12.2022	Saving function for 'Schedule Date' field was not correctly applied during clicking on 'Update' button inside 'Dosage Schedule' screen.	N/A	Apply correct condition on saving function for 'Schedule Date' field inside 'Dosage Schedule' screen.	15/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Record in system 15.12.2022 Patient starts chemo 16.12.2022 (Day 1) Step Normally renew order Cycle Start Date change to 16.12.2022 Update medication details Click Confirm Cycle Day 1 become 15.12.2022 instead of 16.12.2022 Example: Liew Tung Kui 610812125369 HDOK00194515 Rx No: MSW0001147458  User found workaround Step Normally renew order Cycle Start Date change to 16.12.2022 Update medication details				



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Set Cycle Start Date to other date then change back to 16.12.2022 Click Confirm Cycle Day 1 become 16.12.2022				
55.	I-PhIS087842 823APP	Hospital Dutchess of Kent (A)	Manufacturing - Extemporaneous	06/01/2023	Extemporaneous - Unable to save popup error message	User reported unable to do extemporaneous.as appear error " please contact system admin " when user click on save button  Details: Drug code/name: N03AA02000T1002XX (Phenobarbitone 30 mg Tablet) Facility status: Active MRN and patient name: 20122112XXXX (Benver xaviar) Prescription number: CKKN1092848	Issue happens due to no null checking at system side when 'Duration end date' value is blank during allocation process.	N/A	Modify code to put proper validation when the 'Duration end date' is null during allocation process.	08/02/2023
56.	I-PhIS080071 922APP	Klinik Kesihatan Tawau (B) (EXTD)	Manufacturing - Extemporaneous	12/08/2022	Extemp Preparation - Storage condition wrong ± symbol	En Radin reported at storage column appear: Storage Room temperature 30?2 which is wrong symbol.	System was not correctly handling wrong symbols during synchronization from IWP to facility. This has caused unrecognized symbol once data is	N/A	Modify code to handle wrong symbols at the extemporaneous worksheet's storage, by using the Unicode symbols. This is to	05/03/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Worksheet ID: 22-08-0030  Please refer attachment.	received at facility from IWP.		prevent it from changing and causing the font issue.	
57.	I-PhIS085735322APP	Hospital Kuala Lumpur (A)	Adverse Drug Reaction (ADR)	02/12/2022	DAC Universal Serial No. Missing	Mr Victor reported already key in DAC Universal Serial No. during fill in allergy for patient. But when user close screen and re-open again, DAC Universal Serial No. was missing. Issue happens to all patients.	Saving function for 'DAC Universal Serial No' value was not correctly applied in Allergy screen.	N/A	Implement correct method for saving function on 'DAC Universal Serial No' value.	13/01/2023
58.	I-PhIS087570923APP	Hospital Sultanah Aminah (A)	Drug Information & Consumer Education	02/01/2023	Drug Information: Search Similar Enquiry Value appear not consistence.	Search similar enquiry for module drug information sometimes appear, sometimes not appear when key in the keyword. Kindly refer attachment.	System was considering unnecessary space value during searching function. This has caused system unable to show correct search result when searching.	N/A	Add auto trim in textbox search value so that system will ignore space value during searching function.	19/01/2023
59.	I-PhIS088691623APP	Klinik Kesihatan Seremban (A) (EXTD) - INT	Medication Counselling	20/01/2023	Medication Counselling Reporting - Appear Duplicate Counselling Topics in Counselling History	Pn. Salihaa reported appear 3 topics with status in-progress in her medication counselling. User step user add new record with Quit Smoking Clinic + Topic: Smoking Cessation and save > click proceed to reporting > edit again by open order details >	System was wrongly retrieving both active and inactive counselling topics. Suppose system should only retrieve active counselling topics.	N/A	Make changes in code to retrieve only active counselling topics.	23/02/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>change to Outpatient + topic: Smoking Cessation &gt; add/update &gt; user did delete previous topic and click confirmed.</p> <p>However, when check in Counselling history appear 3 topics with In-progress status. User request urgent feedback.</p> <p>MRN: 22754496- check thim dick</p>				
60.	I-PhIS123356824APP	Hospital Tanah Merah (A)	Medication Counselling	26/09/2024	Unable to access PhIS - Repetitive full GC - Patient Data issue	<p>From previous report number: 241714525B Puan Nor Hazlienda reported unable to access PhIS IP and FQDN due to appear loading page</p> <p>Power server - static Network connection (MyGovNet) - Yes CC checking - gateway &amp; server unreachable</p> <p>same with yesterday: 241713636B</p>	Issue happens due to unnecessary query was applied while retrieving patient information at patient banner. This has caused recursion processes at backend, occupied huge memory and crashed the server.	Implement class file release at affected facilities.	Modify query to remove unnecessary query at backend so that system able to process data faster.	16/10/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Need to log software ticket for further checking by developer.				
61.	I- PHIS088702 123APP	Klinik Kesihatan Kepala Batas (A)	MTAC	20/01/2023	MTAC Reporting - MyMaat not save properly	Pn. Safiah reported unable to add new MyMaat due to field turn to when save no record appear.  User informs unable to add new MyMaat after save. User able to answer but record not appear on MyMaat screen.  IC: 57082507XXXX - Ahmad Zakri	Issue happens due to character length issue at 'Patient Name' column. 'Patient Name' length has been changed to 130 characters, but MyMaat table was still using 100 characters.	Execute data patch to extend character length for 'Patient Name' column from 100 to 130 characters.	Prepare data patch script to extend character length for 'Patient Name' column from 100 to 130 characters.	12/05/2023
62.	I- PHIS088887 523APP	Hospital Kemaman (B)	Report Enquiry	24/01/2023	KEWPS 5: Wrong Year display in Report	Email: Dilampirkan laporan Kewps 5 tidak tally (print version vs generated version)  *tahun total purchase amount tidak tally.	Design issue in PDF report whereby wrong year was shown under "Jumlah Nilai Pembelian Bagi 2 Tahun Lepas" column.	N/A	Apply correct condition to show year value when printing PDF report.	03/05/2023
63.	I- PHIS084710 822APP	Hospital Tunku Azizah Kuala Lumpur (A)	Report Enquiry	14/11/2022	KEWPS 6 - Duplicate record with same LOU (Blank)	Email from user: Aduan/report: Laporan KEW.PS-6 tidak dijana dengan tepat (Duplicate item di dalam KEW.PS-6 report)	System was not correctly handling duplicate record inside report query during filtering function.	N/A	Implement 'Union' statement inside report query to avoid duplicate record during filtering function.	09/01/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>item: Antithymocyte Immunoglobulin (Horse) Inj (50mg/ml)</p> <p>item Antithymocyte Immunoglobulin (Horse) Inj (50mg/ml) dilaporkan sebanyak 2 kali didalam KEW.PS-6 yang dijana pada 14.11.2022 ( sila rujuk attachment KEW.PS-6 14.11.2022 : item no.33 &amp; no.34) . No.33 dijana dengan baki stok adalah 17 vial &amp; No.34 dijana dengan baki 17 vial. Tetapi stok semasa ( baki di item movement) hanya lah 17 vial, sila rujuk attachment ItemMovementReport (14.11.2022) &amp; stockbalancebyitem 14.11.2022.</p> <p>Laporan KEW.PS-6 tidak dijana dengan tepat.</p>				
64.	I-PhIS087483 423APP	Klinik Kesihatan	Report Enquiry	01/01/2023	KEWPS 14 - Wrong value Jumlah Nilai	Pn. Samsidah reported her facility KEWPS-14 is	Wrong condition was applied inside report query for 4 <sup>th</sup> quarter	N/A	Amend correct condition inside report query for 4 <sup>th</sup>	11/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
		Masai (A) - INT			Stok Semasa (Suku Tahun Keempat)	<p>not tally for baki dibawa ke hadapan.</p> <p>User did compare with her stock balance by drug/nondrug amount.</p> <p>user filter KEWPS 14 by year = 2023 &gt; item group = non drug &gt; search.</p> <p>stock balance by drug/non-drug by Item Group = non drug &gt; Item Purchase Type = all</p> <p>Baki di bawah ke hadapan - 1370.57</p> <p>In stock balance amount shown - 15627.46</p>	<p>data in KEWPS14 report. Previously system calculated the 4<sup>th</sup> quarter data for 'Jumlah Nilai Stok Semasa' column based on current stock for December the next year. Suppose system should calculate based on current stock for December on the same year.</p>		quarter data in KEWPS14 report.	
65.	I-PHIS088924 423APP	Hospital Jempol (A)	Report Enquiry	25/01/2023	Procurement Pricing Report - Incorrect Total Price (RM)	<p>User informed total price shows incorrect total price.</p> <p>Sample item C01EB10000P3001XX, Purchase price pku - 91.40</p> <p>quantity purchase - 5</p> <p>Total price should be = 457</p> <p>But on report appear as = 1290</p>	<p>Wrong formula was applied to calculate 'Total Price' whereby the value was calculated by summing all related items ordered under the same purchase order and this has caused system to show wrong value.</p>	N/A	Update correct formula to calculate 'Total Price' value.	28/03/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						User request to know how the data been calculated.				
66.	I- PHIS087685 523APP	Klinik Kesihatan Rantau (A)	Report Enquiry	04/01/2023	ABC Analysis - No data generated for DRUG (column width)	User reported when generate ABC analysis report, it shows inaccurate data.  Data generate only shows 2 items were informed by user it should show more than that.  User filter by: Report Type - By Usage Unit Name - store Item Group - Drug Item Purchase Type - All Date - 1/1/22 - 31/12/22	There was character length issue for 'Item Description' column inside report staging table. Issue is fixed by increasing the column length to 200 characters.	Data patch to increase the dose length.	Increase the length of 'Item Description' column to 200 characters inside report staging table.	17/01/2023
67.	I- PHIS085225 522APP	Hospital Sik (A)	Report Enquiry	23/11/2022	Laporan Simpanan Stok - Wrong calculation value	Encik Azrie reported issue for Laporan Simpanan Stock. Data inaccurate and not reasonable. Too much value appears. Referring to report no.: 21032738C. Issue still persist. May refer attachment user	Wrong formula was applied during calculating 'Nilai Simpanan Stok' at 'Laporan Simpanan Stok' report. Suppose the value should be identical with 'Simpanan Stok' value inside Laporan Bulanan Inventori Ubat dan Bukan Ubat' report.	N/A	Apply correct formula to calculate 'Nilai Simpanan Stok' at 'Laporan Simpanan Stok' report.	29/09/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
68.	I- PhIS077282 122APP	Hospital Teluk Intan (A)	Report Enquiry	13/06/2022	Item Movement: Rejected issue in previous year appear in current year.	Mr How request advise on rejected issue transaction.  HTI receive indent from HRPB and HTI issue out the item. After a year, receive rejected transaction appear at movement HTI, while HRPB take the physical item but not receive in PhIS during that time. Mr How seek for advice for this situation.  Transaction no.: E02PS001-0000406	Issue with the trigger function at IWP that has caused system to distribute all unnecessary rejected issue records for previous year to facilities.	N/A	Modify trigger function at IWP database to prevent rejected issue records on previous year been distributed to facilities.	07/08/2024
69.	I- PhIS085544 322APP	Hospital Sik (A)	Report Enquiry	29/11/2022	Count Sheet - Details at column Justification and Stock Condition blank in report	User reported he has put a remark in count sheet but when preview in PSS1/2021, remarks do not appear in justification & suggestion stock condition. Details as below:  Transaction No: CS22000005	Missing condition to display back 'Justification' value into 'Keadaan Stok' column when printing PSS1 report.	N/A	Apply condition to display 'Justification' value into 'Keadaan Stok' column when printing PSS1 report.	31/01/2023
70.	I- PhIS090853 323APP	Klinik Kesihatan Bandar IOI (B)	Report Enquiry	27/02/2023	Receiving - Transaction not created/not	Puan Azlina reported that for following transaction was not captured in Item	Issue was related to the 'Auto Topup' setting which has been set as 'Yes' inside Facility	N/A	Add checking if brand is set to null, system will retrieve from item master	16/08/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					listed in movement	<p>Movement. Hence, the stock for the item was not added into the system.</p> <p>Date: 26.2.2023</p> <p>Stock Replenish from store to unit farmasi pesakit luar</p> <p>Stock Replenish: F02PS001-0002386</p> <p>Code: 02.1204.05</p> <p>Stock not updated in Unit Farmasi Pesakit Luar</p>	Configuration. Movement record was not created due to system unable to retrieve brand information for stock.		and create new stock with the default brand or the brand which is in active status.	
71.	I-PhIS087627 923APP	Klinik Kesihatan Bagan Serai (A)	Report Enquiry	03/01/2023	Prescription Status: Display Wrong Data (Time)	User query on how to trace prescription that has been dispensing after office hour.	Incorrect date time format was applied in report query causing system to give wrong output result.	N/A	Update correct date and time format inside report query.	09/05/2023
72.	I-PhIS104485 723APP	Hospital Sik (A)	Report Enquiry	10/10/2023	QAP 1 - Duplicate unit/dispensing location in listing	<p>Mr Tan reported got repeated data for report</p> <p>Email: QAP1 in report/enquiry outpatient</p> <p>It shows repeated unit with different total number of prescriptions and etc. Which data should I take as an actual data to report?</p> <p>Most of the numbers</p>	There was no checking on duplicate output result inside report query during filtering function.	N/A	Implement checking on duplicate output result inside report query during filtering function.	27/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						are the same when i chose the following month.				
73.	I- PHIS086089 122APP	Klinik Kesihatan Jinjang (A) - INT	Report Enquiry	08/12/2022	Intervention Report: Prescriber name does not appear	Ms Ray queries regarding Intervention report. She informs that usually, if there is no Prescriber Name, user will select System Administration. However, in Intervention report it appears as blank in the Prescriber column. Kindly refer to attachment for further details. V2535	Issue with the prescriber selection query. When there was no name in either first name or last name at user profile, prescriber name value will show as blank value in report.	N/A	Modify query to show prescriber name even if there is no name in either first name or last name at user profile.	14/03/2023
74.	I- PHIS086140 822APP	Klinik Kesihatan Kepala Batas (A)	Report Enquiry	09/12/2022	Methadone Dispensing Report - No record found	Ms. Eng reported unable to find record for methadone dispensing report. She informs appear not record found when user filtered by Order Date From 9/12/2021 - 9/12/2022 > Dispensing Date From 9/12/2022 - 9/12/2022 > Dispensing Location = Bilik methadone.	Issue with the date filter conversion in report query. Previously the report query only returns date value whereas system expected to receive date with time value.	N/A	Amend condition in report query to make sure system able to read date with time value.	10/04/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>She informs has dispense 15 patients for the date however no patient appears.</p> <p>User also inform when search her name in dispense by no record were found.</p> <p>Name: Eng May May</p>				
75.	I-PHIS088149 223APP	Hospital Miri (A)	Report Enquiry	11/01/2023	Drug Usage by Patient - details patient not appear - missing order location, Mobile	<p>Received email from user Lau Yok Hie, DATA TIDAK BETUL UNTUK DRUG USAGE BY PATIENT DISEMBER 2022.</p> <p>'Pihak kami mendapati data untuk Drug Usage by Patient untuk Bulan Disember 2022 tidak memaparkan angka yang betul.</p> <p>Contoh: BABY OF ROZANA ASOK (TWIN 1), MRN HMIRI00385384, PN Soln 350ml 178.5kcal Preterm Standard Dext 10%</p> <p>Dispensed 1 bag pada 23.12.2022, tetapi tiada rekod ditemui pada Laporan Drug Usage by Patient.'</p>	Issue with the missing 'Order Location' when order was created and confirmed from mobile. Those orders come from mobile was having null 'Order Location' and because of this, it will not be appeared at Drug Usage by Patient report.	Data patch to update order with null 'Order Location' with 'Visit Location' value.	Amend report query to join with 'Visit Location' value in case 'Order Location' is null in medication order table.	31/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Kindly refer to attachments. V2616				
76.	I- PhIS098173 523APP	Hospital Beluran (B)	Report Enquiry	03/07/2023	Inpatient Prescription - Data is inconsistent	User reported data generate last month and today shows inconsistent.  Generated on 5/6/23 - No of prescription Generated shows 1678  Generated today - No of prescription Generated shows 2026	Issue with the duplicate queries. There were two inner queries to count 'Rx generated' and 'Rx dispensed' with verified and prepared date. Since there were two queries are running, data will be counted differently every time report is generated.	N/A	Amend the report query by combining the count to avoid incorrect search result.	17/11/2023
77.	I- PhIS087793 523APP	Hospital Sultanah Bahiyah (A)	Report Enquiry	05/01/2023	Enquiry Analysis - Record does not appear when search by Enquiry Received By	En. Zafri reported not generated once filter in Enquiry analysis.  User filter by date from 1/1/2022 - 31/12/2022, with Enquiry Received By Sarah I'zzati binti Ramli. However, no record generated.	Incorrect condition was applied during filtering function whereby system did not support special character value at 'Enquiry Received By' search criteria.	N/A	Improve query to recognize special characters for 'Enquiry Received By' value during filtering function.	16/02/2023
78.	I- PhIS084387 322APP	Hospital Tengku Ampuan Afzan (A)	Report Enquiry	08/11/2022	Enquiry Registry - No result appears when search using filter Enquiry Received By & Responded Received By -	user reported for inquiry registry when user try to generate data for Enquiry Registry, user generate all by date without enter name for fatin 'izati record for this user will appear but when user	Incorrect condition was applied during filtering function whereby system did not support special character value at 'Enquiry Received By' and 'Responded Received By' search criteria.	N/A	Improve query to recognize special characters for 'Enquiry Received By' and 'Responded Received By' values during filtering function.	16/02/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					special character username	try to filter specific by username. No record appears.  Enquiry Received By & Responded Received By- Fatin 'izati				
79.	I- PHIS113086 424APP	Klinik Kesihatan Mak Mandin (A)	Report Enquiry	12/03/2024	Patient hopping (IWP) - No record found	Salam sejahtera, Tuan/Puan, Pihak kami ingin membuat aduan bagi modul Patient Hoping dalam IWP kerana hasil carian tidak menunjukkan sebarang rekod walaupun rekod itu wujud dalam sistem PHIS fasiliti. Sila rujuk penerangan seperti di lampiran.	There was an issue at 'Join' statement inside report query which made system to search unnecessary value and has caused system unable to retrieve data correctly.	N/A	Amend query at 'Join' statement to remove unnecessary data retrieval.	18/10/2024
80.	I- PHIS087718 123APP	Hospital Sri Aman (B)	Report Enquiry	04/01/2023	PF 1 - Data generate not accurate for all column	Mr. Kiu reported the data in PF1 is not tally with his manual report and report in PHIS.  User query how the quarter year counted, since when user filter by Fourth Quarter system shown for column: -	Incorrect formula was applied inside report query for filtering function in PF1 report.	N/A	Amend query to show correct value in PF1 report.	15/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>A(1) - 608 compare with user manual record : 1449</p> <p>A(2) - 1480 compare with his record 3809</p> <p>C(1) - 3234 compared with user issue note report : 3550</p> <p>B(1) - 1820 compared with user DO received/create 1993</p> <p>C(2)- 15328 compared with user 17678</p> <p>B(2) - 4056 - compare receive item report 3234 .</p> <p>User also query regarding report spec PF3.3</p>				
81.	I-PhIS085719 822APP	Klinik Kesihatan Jalan Angsana (A)	Report Enquiry	02/12/2022	PF5.5(a) - Data do not tally with Medication Counselling Registry - Group Counselling	<p>Miss Yap reported no data generated for PF 5.5A when filter for Nov 2022</p> <p>User inform data available for group counseling in Medication Counseling &amp; Medication Counseling Registry on 30.11.2022</p>	Issue happens due to counselling location is null in the table. Due to that, the records were not counted in the PF 5.5a report summary.	N/A	Amend report summary to ignore counselling location during filtering function.	11/05/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Nov2022-Click Search- No record found ----- ----- User informs Perkhidmatan Kaunseling Berkumpulan showing no data Bilangan Topik Kaunseling & Bilangan Pesakit = 0				
82.	I- PhIS087632 623APP	Klinik Kesihatan Song (B) - INT	Report Enquiry	03/01/2023	PF5.5(a) - No data when filter ALL month	Ms Lilian reported, pf 5.5a no data generated when user search month = ALL but appear when user search by month, example jan / feb until dec.	Previously 'All months' value was not correctly defined and recognized in report query and has caused system unable to generate data.	N/A	Amend report query to correctly define and recognize 'All months' value during filtering function.	10/05/2023
83.	I- PhIS088016 623APP	Hospital Kuala Lumpur (A)	Report Enquiry	09/01/2023	PF 5.7(a) - Data Inaccurate - Bulan, Jumlah Pembelian (RM)	User reported for PF report 5.7a report not tally as Total Purchased (RM) no data for column purchase 100mls not appear. filter: July 2022  -----Additional info from Pn Azatul shima 17/1/2022:	1. Missing condition to sort the record by month. 2. Unnecessary round up function was applied during showing 'Jumlah Pembelian' value inside report.	N/A	1. Apply sorting based on month. 2. Remove round up function when showing 'Jumlah Pembelian' value inside report.	12/12/2023



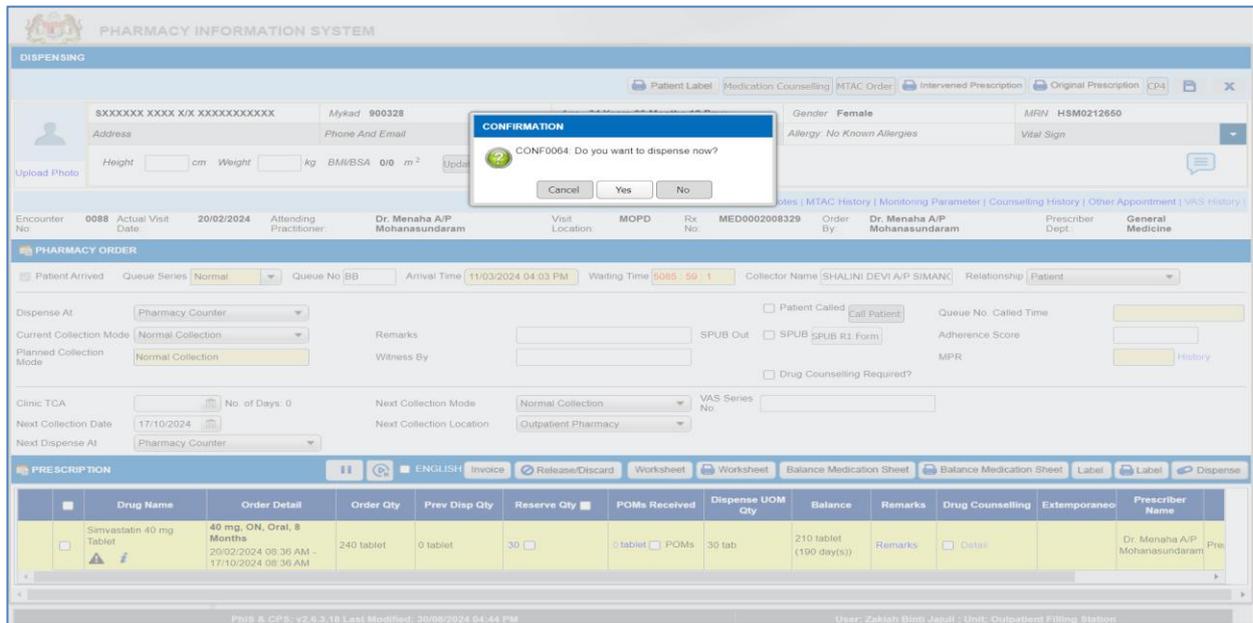
No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>According to Pn Azatul Shima, current PF5.7(a), show RM 2655(refer column Jumlah Pembelian). This amount belonged to purchasing item 100 ml but it supposed to appear under Month August not July. Pn Azatul informed, the purchasing created on 28/7/2022 and item received in August 2022. In manual report (Prepare manually) the figure (RM 2655) recorded for August.</p> <p>In report PF5.7(A) also no data for month August and September. However, user inform facility had make purchasing every month, suppose data for every month should appear.</p>				

## 4 Refinement List – Detail Changes

### 4.1 MySejahtera Integration

CR No	Module	Function	Description
R240009	Outpatient Pharmacy	MySejahtera Integration	To have new integration with MySejahtera to send patient dispensing information up to dispensed drug level when do dispense function at Dispensing and Single Stage Dispensing screens. This request is only valid for patient with Mykad/Mykid information (Malaysian citizen) and for Outpatient medication.

*Prescription that has been dispensed from PhIS will be visible inside MySejahtera application.*



## User flow to get Medication Dispensed Record

1. Open MySejahtera app  
2. Click Health Records

3. Click Health Report

4. Click Medication Dispensed Report

5. Medication Dispensed Report showing one year record

## 5 Deployment - Procedures

### 5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	PatchScripts_PHIS_V2.6.3.18.txt	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/scri pts
2	Facility Script	PatchScripts_PHIS_V2.6.3.18_Functi ons.txt	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/scri pts
3	Facility Script	PFSummary_table_Create_Scripts_V 2.6.3.18.txt	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/scri pts
4	Facility Application	iphis_v2.6.3.18.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/wa r
5	Facility Application	PhISSchedulers_v.2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/jar
6	Facility Application	pfreports_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/jar
7	Facility Application	phispfsummary_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/jar
8	Facility Application	PhISMessaging_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/jar
9	Facility Application	PatientHoppingScheduler_V2.6.3.18 .jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/facility/jar
10	HQ Script	PatchScripts_IWP_V2.6.3.18.txt	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/iwp/scripts
11	HQ Application	phishq_v2.6.3.18.war	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/iwp/war
12	HQ Application	masterRelease_v2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.18/iwp/jar



No.	Items	Components	Path
13	HQ Application	epservice_V2.6.3.18.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/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_V2.6.3.18.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/scripts	Please ensure all the scripts are executed before iphis.war is deployed. Please ensure the script is executed in sequence. Script files highlight and execute. For _Functions.txt, please ensure execute one by one blocks.
2	Facility Script	PatchScripts_PhIS_V2.6.3.18_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/scripts	Please ensure all the scripts are executed before iphis.war is deployed. Please ensure the script is executed in sequence. Script files highlight and execute. For _Functions.txt, please ensure execute one by one blocks.
3	Facility Script	PFSummary_table_Create_Scripts_V2.6.3.18.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/scripts	Please ensure all the scripts are executed before iphis.war is deployed.



Step	Items	File Name	Source Path	Action
				Please ensure the script is executed in sequence. Script files highlight and execute. For _Functions.txt, please ensure execute one by one blocks.
4	Facility Application	iphis_v2.6.3.18.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/war	Please rename the war file to iphis.war then deploy.
5	Facility Application	PhISSchedulers_v.2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
6	Facility Application	pfreports_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to pfreports.jar. Then Restart crontab.
7	Facility Application	phispfsummary_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phispfsummary.jar. Then Restart crontab.
8	Facility Application	PhISMessaging_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/jar	Backup jar file from /home/phisesb/phisjars/FACqueue and copy downloaded jar and rename to PhISMessaging.jar Restart PROCESS_IMAGE, PROCESS_MSG
9	Facility Application	PatientHoppingScheduler_V2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to



Step	Items	File Name	Source Path	Action
				PatientHoppingScheduler.jar. Then Restart crontab.
10	Data synchronization service	/home/phisesb/phisjars/FAQueue/phISMessagingService.sh restart	N/A	Restart the facility data synchronization service through command prompt.
11	Version number update	psql -U ihisblank -d phisprod -c "UPDATE ph_facility_details SET fc_i_app_version='V2.6.3.18', updated_date=Now();"	N/A	Update facility version number in database.

### 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	PatchScripts2.6.3.18_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/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_v2.6.3.18.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/iwp/war	Rename the war file from phishq_v2.6.3.18.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.3.18.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/iwp/jar	Rename the jar file from masterRelease_v2.6.3.18.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_v2.6.3.18.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.18/iwp/war	Rename the war file from epservice_v2.6.3.18.war to epservice.war then deploy.