



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

Release Note

For version 2.6.3.13

<p>Version : 1.0 Document ID : PhIS_CPS/ReleaseNote/Refinement/17042024</p>



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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	17/04/2024	Mohd Hilmi Mohamad	Zainura Said	First Version

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Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
1.0	Juridah (QA)	Initial document



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1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	2.6.3.13
Client Name	:	Ministry of Health
Release ID	:	RL24/009
Release Date	:	17/04/2024

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 v2.6.3.13:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1.	R240004	General Module	SystemOne Integration	<ol style="list-style-type: none"> 1. New integration point to update patient demographic (ADT_A08). To overwrite patient record based on patient MRN. PHIS to keep patient record before being overwritten by SystemOne into new table. A new screen required to view this information. 2. Change Prescriber designation from source instead of default to 'PP'. 	C2-INT007885524R	Program Perkhidmatan Farmasi, KKM	PHIS_CPS_Quick_Guide_2.6.3.13_Int_SystemOne_v1.0



3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.6.3.13.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS082415 822APP	Klinik Kesihatan Jalan Angsana (A)	Pharmacy Inventory	03/10/2022	Return to Supplier - Return quantity more than receive quantity (SKU)	<p>Puan Mira reported able to proceed return to supplier with return quantity more than receive quantity.</p> <p>Return to Supplier Item Code: 03.3007.05 Return No: T220000007 Return Quantity: 19 SKU LPO: CO22-53112 Max Return: 10 SKU DO: 475010802</p> <p>Receive From Supplier Receive No: P210000040 Item Code: 03.3007.05 Receive Quantity: 10 SKU Brand: Pharmaniaga Expiry: 30.11.2022 DO: 475010802</p>	Wrong validation was applied at Return to Supplier screen whereby system was not considering Loose Quantity value and allowing to return more than Max Return Quantity value. This has caused system to allow for approval process even Return Quantity is more than Max Return Quantity.	Execute patch script to clear negative stock balance.	Add validation to consider Loose Quantity and Return Quantity return more than Max Return Quantity value	14/12/2022
2.	I-PhIS077806 322APP	Klinik Kesihatan Majidee (A)	Pharmacy Inventory	26/06/2022	Return to Supplier: Wrong return	<p>Puan Justine reported stock in Kewps 6 not tally with item</p>	Wrong validation was applied at Return to Supplier screen whereby	Execute patch script to clear negative stock	Add validation to consider Loose Quantity and Return	09/09/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					quantity display	movement. Kewps 6 =174, Item movement= 114 Store: Store Pharmacy Item:01.1602.02- Ipratropium Bromide 0.025% Nebulising Soln (250 mcg/ml) UDV V2512	system was not considering Loose Quantity value and allowing to return more than Max Return Quantity value.	balance.	Quantity return more than Max Return Quantity value	
3.	I- PhIS081744 722APP	Hospital Betong (A) (EXTD)	Pharmacy Inventory	19/09/2022	Purchase Order (APPL): eP Approved not sync - LPO already exist with eP Cancelled status	Ms Wendy reported unable to receive item from supplier (APPL) as LPO number does not appear. User claimed when at received from supplier screen, for item purchase order when key in LPO number not appear. Order no: PO22000622. LPO no: CO22510251 DO: 701049724 & 701052493	Previously, while syncing LPO from IWP to facility, there was no checking whether the LPO No is cancelled or not. If LPO No is available, system would not sync LPO from IWP to facility even previous same LPO No record is already cancelled.	Data have been patched to previous LPO with ' _ '.	Update query to still allow to send same LPO No if similar LPO No that was sent earlier is cancelled.	23/12/2022
4.	I- PhIS113403 224APP	Klinik Kesihatan Putrajaya Presint 18 (A)	Pharmacy Inventory	19/03/2024	Purchase Order (APPL) - Unable to save	User reported when user perform PO (supplementary order) in PhIS appear error "ep contract no cannot be	Unnecessary validation was applied for 'eP Contract No' value during saving or approving the Purchase	N/A	Remove unnecessary validation on 'eP Contract No' value during saving or approving the	26/03/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						blank" when user save the transaction. User informs no selection list for user to select. User informs issue happen after deployment new version.	Order on APPL online for KK environment with 'eP NextGen = No' setting.		Purchase Order on APPL online for KK environment with 'eP NextGen = No' setting.	
5.	I-PhIS111250 224APP	Hospital Pontian (A) (EXTD)	Pharmacy Inventory	06/02/2024	Item Movement: Direct issue not created - 2-digit year	Ms Yong reported purchase order (Contract) did not auto issue out even though order has been set Yes for CAPD Home delivery. User informed previously got no issue as item auto issue out when received. LPO: CO24-35461 (5 item) Receipt no: P240000215	Issue happens due to direct issue number was not generated based on 2-digit year format. This has caused direct issue record cannot be generated at item movement.	Data patching to update issue number sequence to maximum value.	Update correct format for direct issue number during saving function.	05/03/2024
6.	I-PhIS111867 024APP	Hospital Pakar Sultanah Fatimah (A) (24H)	Pharmacy Inventory	18/02/2024	Direct Issue - Issuing not auto created after receiving	Received email from Ms Teo, Penerimaan stok yang tidak dapat proceed dengan direct issue out. 'Pembelian dilakukan melalui RO tetapi waktu stok diterima tiada issue out (direct issue)'. Kindly refer to	Condition in coding was not fully applied. If receiving record falls under penalty PS1 condition, system was unable to proceed with direct issue record generation.	N/A	Update code to allow system to proceed with direct issue record generation even if receiving record falls under penalty PS1 condition.	26/02/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						attachments.				
7.	I- PhIS082443 922APP	Pejabat Kesihatan Daerah Gua Musang (B)	Pharmacy Inventory	04/10/2022	Supply Status (Inter Facility) - Reject reason shows blank	User reported supply status (Inter) shows reject reason blank. User query why during reject, user does not enter the reason or system not mandatory this filed to put the reason. Details as below: Facility Name: KK Bandar Gua Musang Indent No: R2003PS001- 0000729 Rejected No: E02PS001- 0005174	Missing implementation to retrieve and display 'Reject Reason' value at 'Supply Status' screen even value is entered during reject function.	N/A	Amend code to retrieve and display reject reason at Supply Status screen for issuing record that is rejected during receiving.	11/11/2022
8.	I- PhIS079276 622APP	Klinik Kesihatan Kangar (A) (EXTD)	Pharmacy Inventory	27/07/2022	Notification - Still appear after withdrawn	Pn Tan reported disseminate notification still appear after user withdraw the notification. Notification no.: NO22000008, NO22000007 Status: withdraw notification	Wrong query was implemented in notification screen whereby system will still show the transactions even the disseminate status is in 'Withdraw Notification' status. Suppose system should not display notification with 'Withdraw Notification' status anymore.	Execute patch script to clear notification at both sender and receiver facilities.	Update query to remove notification record with 'Withdraw Notification' status.	26/09/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
9.	I- PhIS112475 324APP	Hospital Tengku Ampuan Rahimah (A) (EXTD)	Pharmacy Inventory	29/02/2024	Penalty Incident (Lampiran 9) - Disahkan Oleh: - Wrong display	Pn Rusdiah reported, in lampiran 9 (penalty incident) wrong appear for disahkan oleh. Currently appear same name for disahkan and disediakan. User request to check. Incident Transaction No.: PE11-10040013- 24202538 Disediakan: Rosdiah bt mohamad saad Disahkan: Che Ping Wun	System was wrongly displaying the 'Updated by' user to be shown inside 'Disahkan Oleh' section when printing Lampiran 9 report. Suppose system should display the 'Approved By' user.	N/A	Change code to display value from 'Approved By' user for all facility types.	08/03/2024
10.	I- PhIS082530 922APP	Pejabat Farmasi Bahagian Miri (B)	Pharmacy Inventory	05/10/2022	Stock Adjustment: Unable to cancel transaction - Stock has been deducted	Email from user, PFB Miri ingin memohon bantuan pihak tuan untuk "closed" status for stock adjustment in PFB Miri PhIS System. Listed is the stock adjustment no 1. SA21000070 2. SA21000037 3. SA19000125	Unnecessary checking on stock validation was implemented during 'Cancel Request' function in Stock Adjustment screen. Suppose no validation is required during this 'Cancel Request' function.	N/A	Remove stock validation during 'Cancel Request' function in Stock Adjustment screen.	24/11/2023
11.	I- PhIS108166	Hospital Sib (A) (EXTD)	Order Managem	13/12/2023	Medication Profile - Dose	Received email from user as below:	Incorrect decimal value conversion was applied	N/A	Apply correct decimal value	05/01/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	723APP		ent		show wrong value in previous medication after stop rx	<p>We would like to report on the incorrect dose of Folic Acid 1mg/ml Oral Suspension after re-ordering from the medication profile.</p> <p>The dose for Folic Acid 1mg/ml Oral Suspension is 0.5mg in medication profile but after re-ordered the dose became 0.05mg.</p> <p>Kindly refer to the attached clip for more info.</p>	during moving dosage with decimal value from transaction table into medication profile summary table.		conversion during medication profile summary generation.	
12.	I-PhIS114000 424APP	Hospital Dutchess of Kent (A)	Order Management	01/04/2024	Medication Profile - Unable to view profile - Indexing taper record	<p>Puan Aisyah reported unable to open patient's medication profile due to system processing until no result.</p> <p>Issue happened usually around 2.00pm until 5.00pm.</p> <p>Happened to all patients and all PC.</p> <p>Sample IC patient: 52021812XXXX Ali Omar Bin Tanaih</p>	Issue happens due to unoptimized query when system retrieve taper medication.	N/A	Add new indexes on both based tables and summary tables	16/04/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
13.	I- PHIS113620 524APP	Hospital Pakar Sultanah Fatimah (B)	Order Management	24/03/2024	PHIS - Slow Processing Exceed Benchmark - Medication Profile	Puan Faizah reported that PHIS is slow processing when Dr is doing Medication Order in PHIS. Issue happens in Klinik MOPC. User requests to check first as she will requests for Dr to record video of the slowness.	Issue happens when the prescription is expired on the current date, and this has impacted to system performance during opening Medication Profile screen.	N/A	Optimize query at medication profile for case that prescription is expired on the current date.	27/03/2024
14.	I- PHIS078293 822APP	Klinik Kesihatan Jerek (B)	Order Management	06/07/2022	PHIS Slow Processing - After select patient during record prescription	En Abd Halim reported phis slow processing especially when do transcribing. It takes more than 5 seconds to data appear when searching and every click when transcribe. He informs issue happen after facility using new version yesterday.	Issue happens due to there was unnecessary checking on vital sign integration during loading the patient banner. Thus, this has impacted to system performance.	N/A	Modify code to remove unnecessary checking on vital sign integration.	15/12/2023
15.	I- PHIS079621 922APP	Hospital Raja Permaisuri Bainun (A) (24H)	Outpatient Pharmacy	03/08/2022	Dispensing - Transaction appear at wrong dispensing location - transfer patient	Ms Tan reported that for following patient, unable to find patient at Dispensing Stage of Farmasi 24 Jam. Upon checking in Record Retrieval, patient is at Farmasi 24 Jam with status In-Progress. User informs that	'Next Collection Location' value was not correctly updated during patient transfer function.	Execute patch script to update dispense location to correct location.	Implement correct method to update 'Next Collection Location' value during patient transfer function.	11/01/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						patient can be found at incorrect location: Farmasi Satelit 4				
16.	I- PhIS105886 823APP	Hospital Rembau (A) (24H)	Outpatient Pharmacy	02/11/2023	Preparation- Unable to prepare prescription with POMs drug	<p>Ms Lee reported same issue as report 231478052B.</p> <p>Unable to prepare prescription with POM's drug.</p> <p>Appear info message: POMS Received quantity allocated with 0. Please enter value or unselect POM checkbox.</p> <p>Issue still persists even though after allocating POMs received quantity.</p> <p>MRN & patient name: HREM18345 Yusof Bin Alias</p> <p>User also query why problem persists after deploy version 2.6.3.4.</p>	Wrong validation was applied for POMS drug allocation during dispense function whereby system is still checking on POMS allocated drug even the drug has been fully dispensed.	N/A	Add code to remove validation on POMS drug allocation if drug is already dispensed.	07/11/2023
17.	I- PhIS076864 622APP	Hospital Kuala Lumpur (A) (EXTD)	Outpatient Pharmacy	02/06/2022	Dispensing - prompt No Stock pop during dispensing	<p>Pn Athirah reported when clearing at dispensing step there is pop up stated that "No stock available against the drug: Clonazepam 2mg tablet (2). Do you wish to dispense with '0' quantity for this drug?"</p>	Issue with the manual allocation whereby when allocated quantity was manually changed, the reserve quantity was not updated or deleted properly.	N/A	Add extra validation during manual allocation to check with exact allocated quantity and balance quantity from stock tables to make sure reserve quantity is updated or deleted	17/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>(as attached). Patient details are:</p> <p>a) Patient name: Ng Kian Seng IC NO: 53032010XXXX MRN: HKL00044712 Tablet Clonazepam 2mg allocated for patient: 30 tabs. RX NO: KNM0002293495 Original Prescription No: FR3008592</p> <p>b) Patient name: Murugan IC NO: 78092114XXXX MRN: HKL00186046 Tablet Clonazepam 2mg allocated for patient :8 tabs. RX NO: KPSY0002386922 Original Prescription No: FR3128997</p>			properly.	
18.	I- PHIS078956 322APP	Klinik Kesihatan Lawin (B)	Outpatient Pharmacy	20/07/2022	Dispensing - Unable to dispense - Multiple	Miss Teo reported, unable to dispense patient due to appear message " this order	System was not handling the condition when there are multiple 'Dispense UOM' with	Data patch to inactivate unnneeded 'Dispense	Modify code to retrieve the earliest 'Dispense UOM' in database if there are	18/12/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
					dispense UOM	already prepared but another else". Already try many times and use another ID but still same. 57112508XXXX Kamariah binti Osman	active status and Conversion Factor = 1.	UOM' with active status and Conversion Factor =1.	multiple 'Dispense UOM' with active status and Conversion Factor = 1.	
19.	I-PhIS079846122APP	Hospital Kuala Lumpur (A) (EXTD)	Outpatient Pharmacy	08/08/2022	Medication Return - Item movement not accurate	Ms Low reported having issue at item movement screen. She informs did medication return 1 time only with 36 tabs, but transaction appear as 37 tabs quantity. Refer attachment. Drug name: Methylphenidate 10mg	Issue with wrong batch record was created during saving function in medication return. Previous record was not deleted at batch level if 'Return Quantity' is keep changing multiple times during draft mode. Due to this, item movement was also updated multiple times when user confirm medication return.	N/A	Change code to save on same batch record when 'Return Quantity' is keep updating multiple times.	13/12/2023
20.	I-PhIS082664922APP	Hospital Bera (A) (24H)	Inpatient Pharmacy	07/10/2022	Drug Label - Print preview Patient's Name does not appear	En Shafie reported that for following patient, user click Print Preview for label, Patient's Name does not appear. Upon printing the label, Patient's name appears on printed label. IC No: 20062406XXXX	Cosmetic and design issue for patient name with long value at drug label.	N/A	Amend design and label width at drug label to make patient name with long value visible.	09/02/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						RX No: 71207B Issue persists when user uses both IE & Edge.				
21.	I- PHIS112472 824APP	Hospital Rembau (A) (24H)	Inpatient Pharmacy	29/02/2024	Inpatient Preparation - Popup alert message Next Collection Date not valid	Ms. Hong reported popup appears "next collection date not valid" when clicking prepare prescription. MRN: HREM30041 Patient name: Mohamad Shadaian Bin Mohamad Noh RX No.: 03L0000111898 Supply day: 1 start date: 26/2/2024. end date: 4/3/2024. Email: Attached below are the related images: - Hrem 30041 (Image 1): Image of the Prescription. Please be noted that some of the medications were ticked as 'not to dispense' as they are either floor stock or POMs from patient. Hrem 30041 (Image 2): When I want to click 'prepare', it says 'Next Collection Date not	Validation on 'Next Collection Date' was wrongly applied for inpatient prescription.	N/A	Remove validation on 'Next Collection Date' for inpatient prescription.	08/03/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						valid'.				
22.	I- PhIS078844 522APP	Klinik Kesihatan Kampung Pandan (A)	All Module	18/07/2022	Item Movement: Deduction quantity shows not tally with dispense transaction	Ms Loh reported item movement data inaccurate. Transaction shown deduct 1 tablet while, drug usage by patient, dispense quantity is 2 tablets. Unit: Pharmacy counter Item Code: 02.0005.02 Prescription Number: opdc0000371981 IC Patient: 20010614XXXX Patient Name: Hannani	Issue happens due to the dispense quantity lock was not correctly released after deallocate and reallocate functions.	N/A	Improve code to fully release the dispense quantity lock after each allocation.	17/11/2023
23.	I- PhIS086487 222APP	Hospital Dutchess of Kent (A) (EXTD)	Manufact uring - CDR	15/12/2022	CDR Preparation - Wrong Total Dose appear in Drug Label & Worksheet (Intervention)	Encik Ashraf reported label & worksheet appear incorrect details. Example: Rozni Binti Majid HDOK00178112 GYNAE0001146489 Gemcitabine 1gm/m2 Day 1, Day 8, Day 15 Proceed until preparation. User will prepare daily. Correct Dose: 1800mg	Missing implementation to update dosage value into CDR frequency schedule table during intervention and this has caused dosage does not appear the updated one during printing label or worksheet.	N/A	Amend code to save the dosage value with updated one during intervention.	16/11/2023



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						Wrongly set dose: 1810mg Proceed intervention- Dose 1800-Click Save Details allocation change to correct dose 1800mg. But when user print label & worksheet- Day 8 & Day 15 still showing 1810mg				
24.	I- PhIS082084 822APP	Klinik Kesihatan Kempas (A)	MTAC	26/09/2022	MTAC Reporting – Missing PCI Data	Puan Siti Aisyah reported data in PCI>Interventions keep on missing after visit 6 onwards. Appointment Type: Follow Up Type of MTAC: Diabetes Mellitus Status: Completed IC: 77081510XXXX Name: Rokiah Binti Arsyad MTA220000139 Pharmaceutical Care Issue Number of MTAC Visit: 9 9 reporting- every report pharmacist will	Wrong value was used and passed when printing function is called.	N/A	Change passed value from 'visit sequence no' to 'patient sequence no' during printing function.	03/01/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>update different 'Other Issue'.</p> <p>All data key in at other issues will add in Section Intervention</p> <p>Data in Section Interventions missing in next visit, as for this patient, start visit 6 onwards data is missing from 1st visit until 5th visit.</p> <p>User needs to key in back all data from visit 1-5 and repeated until visit 9</p>				
25.	I-PhIS094162 923APP	Hospital Selayang (A) (EXTD)	IWP	27/04/2023	Allergy Registry (IWP) - Patient data do not exist	<p>User informs was complete patient allergy history at PhIS but when user checked at IWP for module allergic registry some data do not flow, user confirm all status confirm.</p> <p>Example patient: IC: 99051114XXXX (Nor Amalina)</p>	Incorrect query was implemented inside DAC Registry scheduler, and this has caused scheduler cannot be run correctly.	Rerun DAC Registry scheduler in IWP to patch back all missing data.	Update correct query in DAC Registry scheduler to ensure all records can be generated.	25/03/2024
26.	I-PhIS113760	Hospital Tengku	Report Enquiry	27/03/2024	SPUB Record - Error when	Unable to export SPUB record for the date of	System was not handling null checking	N/A	Modify code to check null value	29/03/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
	924APP	Ampuan Rahimah (A)			user search data	25/3/24 to excel form. Other dates are fine. Except this one date. A pop up of 'error' occurred since yesterday.	value at SPUB integration table during report generation, and this has caused error when filtration.		from SPUB integration table during report generation.	
27.	I-PhIS113043 724APP	Klinik Kesihatan Jalan Angsana (A)	Report Enquiry	11/03/2024	Prescription Management OP - Patient age appears wrong in PDF and Excel	Email from user: Dear Sir/ Madam, Attached the data generated from Prescription Management OP (Feb 2024) where the of age of patients are incorrect. Kindly do the needful.	Incorrect age format has been implemented at listing screen, PDF and excel reports.	N/A	Implement same age format at listing screen, PDF and excel reports.	13/03/2024
28.	I-PhIS081289 122APP	Klinik Kesihatan Tanglin (A)	Report Enquiry	08/09/2022	Methadone record in PF 5.7(c) not tally with Medication Counselling report	Salam, Asilah here from KK Tanglin. I have a question regarding the data for our Methadone Counselling. Data extracted from PhIS for PF5.7(c) (PF Reports > Pharmacy > PF5.7(c)) is different from the ones extracted using the Medication Counselling Registry	Wrong query was applied at PF 5.7c whereby data for same patient with different counselling number is considered as one record. This has caused both reports to become not tally.	N/A	Update query to count same patient as multiple records when that patient has different counselling number.	09/01/2024



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
						<p>(Report/Enquiry > Pharmacy > Clinical > Medication Counselling Registry) report.</p> <p>As an example, for the month of August, the quantity recorded by PF5.7(c) is 25.</p> <p>However, if we extracted all the counselling details from the report, the total number was 44. Please refer to the attachment.</p>				



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_V2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/scri pts
2	Facility Script	PatchScripts_PhIS_V2.6.3.13_Functi ons.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/scri pts
3	Facility Script	PFSummary_table_Create_Scripts_V 2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/scri pts
4	Facility Script	PFSummary_StoreProcedure_Scripts _V2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/scri pts
5	Facility Application	iphis_v2.6.3.13.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/wa r
6	Facility Application	PHISSchedulers_v2.6.3.13.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/jar
7	Facility Application	pfreports_v2.6.3.13.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/jar
8	Facility Application	phispfsummary_V2.6.3.13.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/jar
9	Facility Application	PHISMessaging_V2.6.3.13.jar	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/facility/jar
10	HQ Script	PatchScripts_IWP_V2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/iwp/scri pts
11	HQ Application	phishq_v2.6.3.13.war	https://10.1.1.57:5522/svn/PhIS/Workspa ce_Dataware/31_Implementation/Applic ations/PHIS_ReleaseV2.6.3.13/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_V2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/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 Script	PatchScripts_PhIS_V2.6.3.13_Functions.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/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.
3	Facility Script	PFSummary_table_Create_Scripts_V2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/scripts	Please ensure all the scripts are executed, may execute after the above steps are completed (takes long time to execute). Please ensure the script is executed in sequence. Script files highlight and execute.
4	Facility Script	PFSummary_StoreProcedure_Scripts_V2.6.3.13.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/scripts	Please ensure all the scripts are executed, may execute after the above steps are completed (takes long time to execute). Please ensure the script is executed in



Step	Items	File Name	Source Path	Action
				sequence. Script files highlight and execute.
5	Facility Application	iphis_v2.6.3.13.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/war	Please rename the war file to iphis.war then deploy.
6	Facility Application	PhISSchedulers_v2.6.3.13.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.
7	Facility Application	pfreports_V2.6.3.13.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to pfreports.jar. Then Restart crontab.
8	Facility Application	phispfsummary_V2.6.3.13.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phispfsummary.jar. Then Restart crontab.
9	Facility Application	PhISMessaging_V2.6.3.13.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/facility/jar	Backup jar file from /home/phisesb/phisjars/FACqueue and copy downloaded jar and rename to PhISMessaging.jar



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	PatchScripts_IWP_V2.6.3.13.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/iwp/scripts	Please ensure all the scripts are executed before phishq.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	HQ Application	phishq_v2.6.3.13.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.3.13/iwp/war	Rename the war file from phishq_v2.6.3.13.war to phishq.war then Deploy using Glassfish Administration Console