



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

Release Note

For version 1.8.1

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**Revision History**

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	24/04/2018	Zainura	Chew Ming Ping	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	:	1.8.1
Client Name	:	Ministry of Health
Release ID	:	RL18/009
Release Date	:	24/04/2018

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 New Function for Mobile

The following are the functions added in Mobile Application:

1. Medication Counselling – version 1.0
2. Ward Pharmacy – version1.0

3.2 Refinement List for PhIS & CPS Web Application

The following are the refinement that included in PhIS v1.8.1:

No	CR No	Module	Function	Description	Ticket No	Facility	Reference
1	R180016	Ward Pharmacy	Ward Pharmacy - PCI - display 'Follow Up'	Minor enhance to Web and Mobile: 1. To directly display 'Follow Up' field without user has to click on edit button (to display in add new too) 2. 'Checklist' rename to 'Check List' *Apply to both web and mobile.	I-PhIS021520517S	Bahagian Perkhidmatan Farmasi (BPF)	Refer to #4.1



3.3 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 1.8.1.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I- PhIS028443218S	Klinik Kesihatan Beranang	Adverse Drug Reaction (ADR)	19/3/18	ADR Reporting - Time To Onset Of Reaction appear blank	Pn Vimala reported that Time To Onset Of Reaction appear blank after she print ADR Reporting. She mention she had select as Immediately on Time To Onset Of Reaction from drop down box. Explained by user, as it is immediately, no specific minutes or hours was specified there. But when the report was printed, the column of time to onset of reaction was blank. Kindly refer attachment. MRN No: KKE10003100074740	Issue happened due to system not display in report if Time to Onset Reaction value is IMMEDIATELY. System will only show value in report if 'Time To Onset' are minutes, hours etc.	28/3/18	
2	I- PhIS028743118S	Hospital Tanah Merah	Clinical Pharmacokinetic Services (CPS) & TDM	21/3/18	TDM - Popup appear when edit sampling time	User reported want to edit sampling time from 30min to 1hour. But when user click save, popup appear "sampling type already exist". Confirmed by user issue happen to all patient. Example MRN: HTMH00097307 V1.7.1.6	Issue happens due to cannot save duplicate sampling type	13/4/18	
3	I- PhIS029521118S	Hospital Seri Manjung	Clinical Pharmacokinetic Services (CPS) & TDM	27/3/18	TDM Oder - need to enter current dosage and frequency	User reported Doctors need to enter current dosage and frequency in drug details even choosing current medication. In old version phis, it will directly appear current drug and dosage that already prescribe in medication order. Kindly please refer attachment. MRN - HSM00182823	Drug details not mandatory when select drug from current medication or previous medication. Its mandatory only when indication is suspect toxicity or select all drugs option.	11/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
4	I-PhIS027117118S	Hospital Pakar Sultanah Fatimah	Clinical Pharmacokinetic Services (CPS) & TDM	7/3/18	TDM Order- Unconfirm TDM request still be able to print reporting	User reported there is one TDM Request that not yet confirmed by Dr and still in draft, able to proceed with reporting. When user search the request in TDM verification, the request not appear but check in Clinical Summary, the details is appear. Kindly refer to the attachment. Patient name : Sahadevan a/l mookan Order no : TDM0000006394	System allow to print report because don't have any checking when record status as Draft.	28/3/18	
5	I-PhIS029315118S	Hospital Pulau Pinang	Drug Information & Consumer Education	26/3/18	Drug Info - Response Details - Unable to click others only	Mr Chen reported unable to click others only for category of enquiry. Step : Response Details>Category of query> Click Others Click Save Pop up message : 0021 You should describe at least one category. user need to click other query then able to save. Drug Information Request No: DI1800002602 user will send screenshot	Due to others checkbox not set properly.	28/3/18	
6	I-PhIS030857118S	Hospital Balik Pulau	Drug Information & Consumer Education	5/4/18	Drug Information - Unable to tick any category to proceed with Send Response	User reported unable to proceed "send response" due to popup "please select at least one category of enquiry". But user notify all check box Category of Enquiry was dimmed except "others". When user tick at "others" and click "send response" same popup still appear. Confirmed by user issue happen at all Drug Information Request No. Confirmed by user issue happen after deploy V 1.7.1.6. Example	The error is happened due to system not save properly the respond detail checkbox	13/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Drug Information Request No. DI1800001318 User ID: 881021355234			
7	I-PhIS030331218S	Klinik Kesihatan Tanjung Rambutan	General Module	2/4/18	User Profile - Prescriber Speciality able to key in free text	User reported on behalf doctor informed an error appear "Please Contact Your Administrato" during doctor add drug. It happen for this user only and for all drug. As per informed by user, Prescriber setting has been created and user roles already tick for Prescriber Helath Clinic.	user allow to key in values because of Prescriber Speciality component is editable	13/4/18	
8	I-PhIS031711118S	Hospital Tuanku Fauziah	General Module	11/4/18	User Profile : Error during create new user	Unit IT Hospital memaklum kan : Saya sedang mendaftarkan pengguna baru untuk PhIS di hospital saya. Walau bagaimanapun, setelah selesai mendaftar seorang pengguna dan menekan button [save], saya menekan button [+] untuk mendaftarkan pengguna seterusnya. Tetapi, pada paparan User Profile, ruangan pada Password dan Retype Password kosong dan tiada defaulted password (rujuk lampiran 1). Ruangan lain pula tidak dapat diisi, menjadi kuning (rujuk lampiran 1). Setelah button reset password ditekan, keluar error (rujuk lampiran2). Modul Maintenance > User Profile	Due to constrain value from previous record is not removed/cleared.	17/4/18	
9	I-PhIS024057218S	Hospital Taiping	Inpatient Pharmacy	8/2/18	Record prescription - Drug detect ward	Puan Isma reported drug detect ward stock even untick the check	If drug is ward stock, but select as non ward stock	4/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
					stock even untick the check box when transcribe	box when transcribe. Steps: Transcribe medication 7days - untick ward stock - dispense as usual - next day to dispense drug ward stock will detect as ward stock back. User unable to dispense drug MRN: HTPG00042891	during order creation. Later it become ward stock because during partial dispense, if drug is ward stock and dispense location is inpatient then it updating back to ward stock.		
10	I- PHIS030707118S	Pejabat Kesihatan Daerah Johor Bahru	IWP	4/4/18	IWP - Unable to approve the purchase order	Miss Anis reported unable to approve the purchase order. Appear popup, "insufficient budget for vote code 091201/020500/27404/99(peruntukan vaksin operating". But the budget is sufficient. PO number : PO18000027 for KK Ulu Tiram	Unable to approved the record due to wrong validation apply	19/4/18	
11	I- PHIS030609218S	Hospital Kuala Lumpur	Manufacturing - Radiopharmaceutical	3/4/18	Radiopharma Preparation - Sodium Iodide preparation and stock verification not tally	Miss Rachel reported calculation for radiopharmaceutical product not tally for Sodium Iodide preparation and stock verification. Kindly please refer attachment from user.	System will calculate RP measurement wrongly in preparation and stock verification screens if volumes have negative value.	20/4/18	
12	I- PHIS030769118S	Hospital Kuala Lumpur	Manufacturing - Radiopharmaceutical	4/4/18	Radiopharma Preparation : Calculation Incorrect	User reported the calculations for Tc-99m product decay seems to be errors. User had prepared 337.3mCi Tc-99m Tetrofosmin @ 0800 4/4/18. She dispensed 7 doses and the physical balance for vial now is 126.2mCi @ 1125am but in the PhIS system is showing 259.06mCi @ 1125am . Kindly refer attached file for details.	Wrong calculation to save RP measurement in MBq or MCI during dispensing and caused wrong display in Balance Activity RP Item batch allocation screen. Volume is not issue.	17/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
13	I-PhIS030733118S	Hospital Kuala Lumpur	Manufacturing - Radiopharmaceutical	4/4/18	Radiopharma Preparation- Available Volume not tally between screen Preparation & Stock Verification.	Based on previous report 18352335C, Miss Rachel reported available volume still not tally between screen Preparation & Stock Verification. She have simulated live for her patient today and together with screenshot the Steps and issues. Kindly please refer attachment from user.	Available volume is not taking the latest quantity. Suppose should consider dispensed qty and also reserve qty	9/4/18	
14	I-PhIS030735218S	Hospital Kuala Lumpur	Manufacturing - Radiopharmaceutical	4/4/18	Radiopharma- Available Activity not tally after done dispensing	Based on previous report 18352335C, according activity A4 application team/QC team found second issue from attachment user. They found available Activity not tally after done dispensing. Kindly please refer attachment.	Wrong calculation to save RP measurement in MBq or MCi during dispensing and caused wrong display in Balance Activity RP Item batch allocation screen. Volume is not issue.	17/4/18	
15	I-PhIS029531118S	Klinik Kesihatan Greentown	MTAC	27/3/18	MTAC - No drug dosage shown - DFIT	Madam Sabrina reported no drug dosage (dose, frequency) shown while selecting drugs during DFIT recording. Please refer File Upload. Update : Patient Name: Ho Yok Fong, MRN: 74201	The error is caused by drug searching taken from ph_drug and its should take from ph_order_normal_drugs	3/4/18	
16	I-PhIS026605118S	Klinik Kesihatan Peringgit	MTAC	5/3/18	MTAC Reporting - Chronology not follow sequence	User reported she had completed and enter Pharmaceutical Care Issue. However when print out the chronology is not follow sequence as in system User claimed its happen to all patient.	Report intervention details display by sort of intervention description	3/4/18	
17	I-PhIS030993118S	Hospital Seberang Jaya	MTAC	5/4/18	MTAC Reporting - Details missing after click save	User Mr Shuhaimi reported details missing after click save. Step : Fill in all details for assesment > Forget to click Save & Continue >	This error is due to the reporting data that inserted earlier is not stored in system	10/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Click Save at Reporting > Pop up message Please save assesment first > Click Save & Continue > Click Save > All details Missing and need to redo everything Confirm by user he click Click Save & Continue, he not edit any detail.			
18	I- PhIS029427218S	Klinik Kesihatan Air Tawar 2	MTAC	27/3/18	MTAC reporting - Unable to proceed print	User Mr Faiz reported unable to proceed print for MTAC reporting due nothing happen.It happen to all ID and PC.Reporting been created before facility upgrade to version 1.7.1.6 Example : Type of MTAC : Cardiovascular Care Bundle MRN : KKE01002700082230	The error is caused by null value code in data	3/4/18	
19	I- PhIS030317118S	Hospital Miri	MTAC	2/4/18	MTAC reporting - unable to save	Ms.Wong reported unable to Save MTAC reporting as system prompt message "record MTAC already save by another user". and "Please contact system admin" kindly refer file upload Mrn phis:125672	The error is caused by score null value not handled properly	5/4/18	
20	I- PhIS031549218S	Klinik Kesihatan Tampin (JPL)	MTAC	10/4/18	MTAC Reporting - Unable to save record - mtac consultation	User reported he unable to save record due to error message "MTAC consultation status cannot be blank" appear. User claimed he can't proceed perform MTAC Reporting for all patient. Kindly refer attachment for reference.	missing value for mtac consultation status although already selected.	13/4/18	
21	I- PhIS031279218S	Hospital Seberang Jaya	MTAC	9/4/18	MTAC reporting - when print report it show blank report	En Suhaimi reported unable to Save MTAC reporting as when user need to save and print system will	System not handle windows properly for preview report.	13/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						processing with no result and user have to refresh back and re enter all data. same issue persist when user need save Patient name: letchimee ic patient:600205075540 mrn:HSJ00004205			
22	I- PhIS028149118S	Hospital Pakar Sultanah Fatimah	Order Management - Mobile	15/3/18	Mobile Medication Order - Supply duration and balance show wrong value	User reported supply duration, order detail and balance quantity not reasonable. User informed supply duration and balance should be follow order details. Patient Name: Ong Chonn Chin MRN: HPSF00213416 RX no: WRD8750001284919	Favourite drug duration not apply correctly	11/4/18	
23	I- PhIS031573218S	Hospital Miri	Order Management - Web	10/4/18	Discharge Medication - An error ocured during add drug - unknown patient, weight mandatory	User reported an error occurred "An error has occurred. Please contact your administrator. Error 16171" during add drug for discharge medication. Patient: HMIRI00256819 - X210	If the patient does not have Date of birth then Null pointer error is hitting.	17/4/18	
24	I- PhIS027925118S	Klinik Kesihatan Tronoh	Order Management - Web	14/3/18	Medication Order - Order status and Prescriber name not updated	User reported on behalf doctor. He informed doctor unable to confirmed order intermittently. He informed sometime after doctor click confirmed button, prescription successfully change to status ordered. But sometimes, after click confirmed button, page still remain same. If doctor click confirmed order twice, when pharmacy receive that prescription, the prescription become duplicate. But sometimes, pharmacy not	Issue happens due to when close screen after confirm patient listing page not auto refreshing.	4/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						receive that prescription. Confirmed by user issue happen only for 1 doctor at PCD006. Confirmed by user no issue for others' doctor and other PC. Asset ID: cps/prk-01/kks-01/pcd-006 Doctor's ID: 830223026092			
25	I- PhIS027547118S	Hospital Tanah Merah	Order Management - Web	12/3/18	prescribe drug - unable to prescribe	user Doctor Rahmat reported he unable to prescribe drug same with for different dosage drug as error show"an error has occurred, please contact your admin system" drug name: risperidone 1mg MRN: HTM00019089	Wrong and old format of validation message was used for this module thus it showing error. Suppose should use the common format of validation message	30/3/18	
26	I- PhIS027299118S	Klinik Kesihatan Bidor	Order Management - Web	9/3/18	Record Prescription - Drug not appear after key-in more than 4 alphabet	Mr Choo reported drug not appear after key-in more than 4 alphabets. His step as below:- Record Prescription 1. He key-in 'acet' 2. System display list of drug to be select 3. But, if he key-in 'acety' 4. No record appear for drug list Happen to few drugs. Kindly refer attachment provided.	Issue happens due to sql search filter, its not supporting particular words that are available in English dictionary.	4/4/18	
27	I- PhIS027961118S	Hospital Miri	Outpatient Pharmacy	14/3/18	CDR - cant intervene drug	Mr Ong unable to perform Intervention on Mitomycin . Refer attachment 460203135296 HMIRI00149836 Sari Padan	Error message display on Intervention screen due to patient height and weight are null.	2/4/18	
28	I- PhIS027497118S	Hospital Miri	Outpatient Pharmacy	12/3/18	Missing Rx - Unable to find Rx - taper - acknowledged	Email from Miss Chua that she unable to find RX/Missing RX:- Please patch this rx. Refer attachment.	System fail to update ordered taper drug record status at pharmacy acknowledge screen, and	30/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Why is the status different at different module?! Clinical summary shows partial supply. Record retrieval shows in progress. What is happening? MRN - HMIRI00186652	only dispensing drug status updated. It happens if only taper drug going to be acknowledged.		
29	I- PhIS024401218S	Klinik Kesihatan Changkat Jering	Outpatient Pharmacy	13/2/18	Preparation - Unable to prepare drug - Acknowledged/Verifi ed	User reported unable to prepared drug for patient. After user click prepare button, system will prompt message 'Do you want to proceed with dispensing screen'. After user click yes, nothing is happen and the drug status still not changed to prepared. IC: 930515025508	Issue happened whenever multiple user doing verification or preparation from Record Prescription screen for same patient or same drug at the same time . Thus updating data is inconsistent.	14/3/18	
30	I- PhIS029471118S	Klinik Kesihatan Gulau	Outpatient Pharmacy	27/3/18	Record Prescription - Drug alert redundancy	En Ooi informed currently drug information appear everytime add drug. According to user supposed it appear after click Confirm. It is very time inconvenient when the drug in info appear for every drug added. Kindly please refer video attachment.update 28/3/2018 example patient: MRN:KKE02004400082279	Adding drug is also showing mims popup because while adding drug, system also calling save as draft function and this save as draft function has mims popup	13/4/18	
31	I- PhIS026389118S	Hospital Miri	Outpatient Pharmacy	2/3/18	RX missing at any stage - RX status partailly dispensed	User reported unable to search RX: NEPC0000724654 at any stage. When check at medication profile there's another RX (NEPC0000742378) ordered similar drug with that missing RX on 12/6/2018. User request to check urgently. MRN: HMIRI00225257 Patient Name: Indon anak Suwen	Issue happened whenever multiple user dispensing same patient or same drug at the same time thus updating data is not consistent	15/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						RX no.: NEPC0000724654 ordered on 12/2/2018 (missing RX)			
32	I- PhIS028575418S	Hospital Pakar Sultanah Fatimah	Outpatient Pharmacy	20/3/18	SPUB Patient List - Popup message appear	Ms Joon Leng reported popup message appear when she click on SPUB Patient List. Kindly refer attachment provided.	Issue happened due to method used in postgres db limitation when do selection using in clause. So error hitting because records reach the limit to view.	21/3/18	
33	I- PhIS021913618S	Hospital Miri	Patient Management	9/1/18	Prescribe Order : System prompt error - renew RX	SN Betty reported Doctor unable to prescribe order as when choose a medication system prompt error message "Please Contact System Admin". Happen to 1 patient only. MRN : 041113131156	Issue happened from scheduler which it will discontinue the draft medication once expired. Thus when the medication is discontinued, it will still display inside medication profile and hit error when do renew order	15/2/18	
34	I- PhIS027893318S	Klinik Kesihatan Kalumpang	Pharmacy Inventory	14/3/18	(1.7.1.8) Item movement - No movement recorded after user save Receive Intra (Against Return)	En Omar report no movement are showed in item movement after he approved return to supplying unit transaction RT18000006 and RT18000007 from Pharmacy Counter to Main Store	Transaction missing due to validation message not update after save.	20/3/18	
35	I- PhIS030285118S	Hospital Queen Elizabeth	Pharmacy Inventory	2/4/18	(1.8.1)Unit Catalogue List - Missing unit catalog list after deploy v1.7.1.6	User Mr Joe as admin facility reported he already assign roles inventory user for user ID:870517105390(from A&E) but user still unable to edit maximum level in unit catalogue list. But for user id: 680219125556 (from Satellite 1), able to edit maximum level for Pharmacy Satellite 1.	System will delete existing record if user click on NO.	23/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						User ID: 870517105390 (A&E) updated: Mr Joe informed user 870517105390(from A&E) unable to search unit catalogue list for A&E due to appear no record found. But confirmed by user, he already set unit A&E for that user ID in user profile.			
36	I- PHIS028975318S	Hospital Tawau	Pharmacy Inventory	22/3/18	Allocation and Deduction - Error message appear	User reported she unable to save deduction transaction due to error message "new balance cannot be greater than 11 digit". User claimed it happened to all vote code number. Details as below: 1 of the example: Vote Code: 140501/012200/27401/99 Total deduct: 300,000.00 Kindly refer attachment for reference. User ID: 911211136432	Decimal point validation on current and transaction amount fields not handled	29/3/18	
37	I- PHIS028757218S	Hospital Tanah Merah	Pharmacy Inventory	21/3/18	Home Task List - Wrong Receiving Unit	Pn Nik Ezmiza reported transaction for different unit appear in her task list. She is under unit Farmasi Pesakit Dalam (Substore). But, transaction for unit Dewan Bedah Delima (2). She open to view details. Found that Receiving Unit and Receiving From Unit Name is same which is Dewan Bedah Delima (2). Kindly refer attachment provided. RT17000219	Wrong columns were used to set "From Unit/Department", "Receiving Unit", "Receive from Unit"	28/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
38	I- PhIS027563118S	Hospital Tanah Merah	Pharmacy Inventory	12/3/18	Indent Intra Facility - Unable to change preferred item	User reported when she create indent, she already choose preferred item with packaging of 120ml. After she save the item, she want to change the preferred item at the item listing but unable to do that due after she choose the packaging, nothing is happen Indent no : K18000885 Status : Open	preferred item package description values not setting properly when generate RIL	26/3/18	
39	I- PhIS027563118S	Hospital Tanah Merah	Pharmacy Inventory	12/3/18	Indent Intra Facility - Unable to change preferred item	User reported when she create indent, she already choose preferred item with packaging of 120ml. After she save the item, she want to change the preferred item at the item listing but unable to do that due after she choose the packaging, nothing is happen Indent no : K18000885 Status : Open	preferred item package description values not setting properly when generate RIL	26/3/18	
40	I- PhIS027119118S	Hospital Pekan	Pharmacy Inventory	7/3/18	Indent Intra RIL - item with stock available more than buffer level still appear in list	User reported when he generate RIL, he found item which less from maximum storage include in list. He claimed supposed item appear in listing is item less from buffer level. He inform he need to delete manual for item which less from maximum storage. kindly please refer attachment.	pending receiving qty values not handle properly	26/3/18	
41	I- PhIS030909118S	Klinik Kesihatan Pekan Air Panas	Pharmacy Inventory	5/4/18	Issue Inter (Online Issue) - Unable to open Online issue tab	User reported unable to open Online Issue tab. R18000115	Online issue screen was editable after RIQ is approved thus causing this issue	12/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
42	I- PhIS028991118S	Hospital Pitas	Pharmacy Inventory	22/3/18	Issue report - Report not generate as specific item	Cik Siti Aqilah reported, issue report not generate as specific item that user key in instead phis generate all non-drug item Non-drug: S2070550088 - Suture, Silk, Braided, Black, Metric 1.5 (4/0), 45cm with 19mm 3/8 Circle Reverse Cutting Needl	Issue report - Drug/NonDrug Bandbox condition not handled properly	28/3/18	
43	I- PhIS031881118S	Hospital Miri	Pharmacy Inventory	12/4/18	Item master - Drug Average Price (SKU) shows 3 decimal point only	User request to change item average price (sku), and drug average price. Item Code: P1660520001.00 Item Average Price (sku): 1.8625 Drug Average Price: 1.8625	Only 3 decimal store in Item Master	18/4/18	
44	I- PhIS030057118S	Hospital Kuala Lumpur	Pharmacy Inventory	30/3/18	Item movement - Missing transaction - normal dispensing	User reported missing transaction in item movement. Transaction with number KPSY0000328994 of Lorazepam 1mg (28 tablets) was not found in the item movement on the day (29/3/2018). Drug involve: T. Lorazepam 1mg MRN : HKL00058354	Issue related to the parsing of batch expiry date or current date which sometimes does not valid with date format. During create item movement, system will do comparison on batch expiry date with current date to update the qty on which stock (good stock or bad stock). But both dates are using two different formats thus system unable to recognize	13/4/18	
45	I- PhIS031863118S	Hospital Umum Sarawak	Pharmacy Inventory	12/4/18	Item movement - Movement not created	Miss Ammeza reported, already receive the item but stock not update and no movement created at item movement screen. User already check at receiving screen.	Transaction missing due to the validation message not update correctly while save record.	20/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Status transaction show closed. Indent number : K18009319 (PHARMACY IN PATIENT SUBSTORE) issue note number : I02PS001-0083647 Receive no : R18068052			
46	I-PhIS029511418S	Klinik Kesihatan Buntong	Pharmacy Inventory	27/3/18	Negative value appear due to receive negative stock value	Ms Jennifer reported appear error "No stock available for this item" when she want to add item during stock replenish. She inform as per check in Unit Catalog List, have stock available for dispensary unit. When check Stock Available by Item for stock, no record found. She inform she had make receiving for affected item. While in Item Movement, the Good Stock After show -33,300. Kindly refer attachment. Drug No: D02AX00000G1001-30 Issue no: E02GAL-00011042 Indent No: R18000050 Received No: P180000087	Wrong method of clear issue quantity and issue batch quantity	11/4/18	
47	I-PhIS029599118S	Pejabat Kesihatan Daerah Kemaman	Pharmacy Inventory	28/3/18	Payment (IWP) - Unable to proceed payment	User reported she unable to proceed payment due to pop up message "INFO5077: invoice amount cannot be greater than LPO amount". When user check, the invoice amount and LPO amount not similar (missing one decimal). Refer user attachment for reference. CO18000000043247 KK Kemasik	Took last 3 digit from CO Amount as decimal which different from LPO Amount	30/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						From user email:- PKD Kemaman mengalami masalah seperti yang dilampirkan pd gambar di bwh.. Payment tidak dpt diteruskan kerana nilai LPO tidak sama dgn nilai invois.. (hilang satu titik perpuluhan).. Mohon bantuan pihak PHIS helpdesk bg menyelesaikan mslh ini seberapa segera yg mungkin..			
48	I- PhIS027243118S	Klinik Kesihatan Bidor	Pharmacy Inventory	8/3/18	Penalty - Penalty created even though Receiving Date = Expected Delivery Date	En Choo reported he do receiving but pop up system create penalty. Mr Choo inform suppose no penalty why system generate/create the penalty record. PE21-08010034-1830008	Penalty created condition not handled properly	26/3/18	
49	I- PhIS028773218S	Pejabat Kesihatan Daerah Melaka Tengah	Pharmacy Inventory	21/3/18	Penalty (IWP) - Unable to approve or reject	User reported unable to approve or reject the Penalty due to error 500. Kindly refer to the attachment. Happen to all penalty transaction for approval that appear in the tasklist.	Task List was created before penalty records.	26/3/18	
50	I- PhIS030521218S	Hospital Miri	Pharmacy Inventory	3/4/18	Physical Checking - Not all item appear	Ms Cindy reported when she generate physical checking, not all item appear. Only appear 11 items. As informed by user, there are more items with stock at her store. However in system only appear 11. Item Group: Non-drug Stock Available: Stock	Facility status 'all' validation not available while searching non-drug because of that some records not appear in listing appear in listing	16/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
51	I- PhIS030043118S	Hospital Kuala Lumpur	Pharmacy Inventory	30/3/18	PO (APPL) - Weird vote code balance	Ms Ong Tuan Chin reported weird vote code balance appear in Purchase Order screen. Kindly refer attachment provided. 270701/012200/27401/99 Farmasi (Ubat)	Format number not set for balance values	10/4/18	
52	I- PhIS028641118S	Hospital Putrajaya	Pharmacy Inventory	20/3/18	PO (Contract) - Price not tally with contract facility	Miss Shangeeta reported price not tally with contract facility screen. Kindly refer attachment provided. Contract Number : KKM- 158/2016/F(U) Contract Item : Amoxicillin Trihydrate 125mg/5ml Item Price : RM1.85/bot	Filter issue at item list when generate contract number cause the Unit price wrong to display in Purchase Order screen	30/3/18	
53	I- PhIS027469118S	Hospital Pakar Sultanah Fatimah	Pharmacy Inventory	11/3/18	Product complaint - Item not appear	Miss Stephanie reported all item for Male-Female Luer Lock not appear when search. Only appear one item only. Refer attachment.	filter stock available not handled properly	14/3/18	
54	I- PhIS032525118S	Hospital Tapah	Pharmacy Inventory	17/4/18	Purchase Order (AP) : eP Cancelled not update at facility	User reported Order status not Updated. LPO has been cancelled on 16/04/18. PO Order number : PO18000293	Issue happened due to ep cancel status sync before LPO sync to facility.	19/4/18	
55	I- PhIS027045218S	Klinik Kesihatan Tanjong Sepat	Pharmacy Inventory	7/3/18	Purchase Order (AP)- Total amount wrong appear	En Cha reported total amount at screen purchase order screen list wrong appear. He inform PO18000012 only two item he not received yet. PO NO:PO18000012 Item Not Received: 1)Cotton Wool 0.6g (Balls) 2)Disposable Dressing Set individually packed, sterile Check at IWP total show RM924.26 but at PHIS shows RM1046.06.	Total amount condition not handled properly. Total amount refer to amount approved qty instead of ep approve qty.	20/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
56	I-PhIS029771518S	Hospital Kota Marudu	Pharmacy Inventory	28/3/18	Receive (Inter Facility) - Item group shows wrong	User reported item group shows wrong. User want to perform receiving from CFLN Sabah but user query why item group shows as drug. User claimed in CFLN Sabah shows as item group non drug. This transaction should be in non drug. Details as below: Indent No: R800193 Issue No: E02PS001-0011531	While Selecting Indent No#, item type not set properly	4/4/18	
57	I-PhIS029691118S	Klinik Kesihatan Telupid	Pharmacy Inventory	28/3/18	Receive From Supplier (FOC) - Receipt Amount not tally	En Fariq reported that receipt amount not tally after he approve receive item as FOC. He mention before he proceed with approve, he check the receipt no is correct value. But after he approved, he check the receipt amount was different than before he approve receiving. Kindly refer attachment. 1) P180000120 2) P180000119	Receipt amount not updating in DB level when Pending for Approval and Approve status.	4/4/18	
58	I-PhIS027801118S	Hospital Temengging Kulai Jaya	Pharmacy Inventory	13/3/18	Receive Intrafacility - Pop up message receiving has been done	Puan Haniza reported got pop up message when click save. I02PS001-0001877 Information : Receiving has been done againts the same issue note number Only happened to this issue no.	manual reference number validation not handled properly	19/3/18	
59	I-PhIS029313218S	Klinik Kesihatan Rasa	Pharmacy Inventory	26/3/18	RIL Indent (Inter facility) - Item not appear if stock = 0	Pn Juliana reported only few item generate after click RIL button. She inform that system supposedly display more than 2 or 3 no of items. She inform issue happen since update to v1.7.1.6 Kindly	Conditions of stock available, buffer level, near expiration, pending receive quantities was not handled properly.	9/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						refer attachment provided.			
60	I-PhIS030455118S	Hospital Queen Elizabeth	Pharmacy Inventory	3/4/18	RIQ (Intra) - After Approve RIQ indent is maintain at RIQ screen	Mr Joe reported he unable to found indent no at RIQ intra screen. As inform by user, he already approved the indent. However when check back at tasklist, the status were not change. It still shows 'Pending for approval'. Indent no: K18005490 From General medical ward 1 to farmasi bekalan wad	On level 3 intra facility indent screen, after "Item Group" is changed, the content of "Add Indent List" was not reset.	13/4/18	
61	I-PhIS028975118S	Hospital Kulim	Pharmacy Inventory	22/3/18	RPL - Balance Before RPL (RM) appear as 0	Pn Husna reported that balance before RPL (RM) appear as 0 for all vote code at RPL screen. She mention that Total Balance Before RPL also appear 0, and the total Balance After RPL appear negative value. She complaint issue happen after deployment v1.7.1.7. Version 1.7.1.7	Query not handled properly	29/3/18	
62	I-PhIS029993118S	Hospital Umum Sarawak	Pharmacy Inventory	29/3/18	RPL - Cannot generate RPL	Miss Kho Wei Fung reported unable to generate RPL. Only happened to Request Type : LP. Pop up Info : 0661 - Cannot generate RPL	Vote code seqno is null, due to this hitting error.	10/4/18	
63	I-PhIS030053518S	Hospital Seri Manjung	Pharmacy Inventory	30/3/18	Stock Balance By Drug/Non-Drug - No record found for Non Drug item	Pn Khui report system did not shows any record when she search for non drug item. Item Group:Non Drug Unit Name : Farmasi Logistik Item Purchase Type: All Standard Item: All	purchase_order_type column not added in group by	10/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
64	I-PhIS029747618S	Hospital Pakar Sultanah Fatimah	Pharmacy Inventory	28/3/18	Tasklist - Unable to clear transaction	Puan Siti Aisyah reported unable to clear transaction due to only close button appear when click on the transaction no. Please refer File Upload. Requisition Order : RO1600113	Send for verification and send for approval used same tasklist type. Suppose should have separate tasklist type	13/4/18	
65	I-PhIS031983118S	Hospital Seberang Jaya	Report/Enquiry	12/4/18	Average Usage - No record found appear after use v1716	User reported for previous version she able to view average usage report but when she generate the report again in new version, there is no record found. User has print the report previously. Kindly refer attachment for reference. Details as below: Date From: 01/01/2018 Date To: 31/01/2018 Item Group: Non Drug User acknowledged regarding average usage for own consumption in previous report number but user query why previous version user able to generate report and she always use average usage report.	statement connection close not handled properly	18/4/18	
66	I-PhIS027343118S	Klinik Kesihatan Besarrah	Report/Enquiry	9/3/18	Below Buffer Report - Not all below buffer items are displayed	En Firdaus reported when generate report at below buffer screen, only appear APPL item. There is no LP and contract item appear. Item Group: All Quantity Available: All Item Sub Class: All Standard Item: All Example item code not appear: C10AA01000T1001XX.05 (LP) ID: 820919115481	Query on Item Purchase Status, Stock Available & Buffer Level are not handled properly	13/3/18	
67	I-PhIS028085318S	Hospital Sultanah Aminah	Report/Enquiry	15/3/18	Drug Utilization - Bedside Dispensing Not Shown Under	User reported prescription dispense as 'bedside dispensing' is not shown under column dispense	In Drug Utilization report, report were extracted the data by SQL, it using	30/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
					Drug Utilisation Report	at. Refer user attachment for further reference. From Email:- Please find the attached screenshot. Based on the drug utilisation report, it seems that prescriptions dispensed as "Bedside Dispensing" is not shown under the column Dispense At. Kindly advise please.	wrong domain name to retrieve description of dispense value		
68	I-PhIS030595118S	Hospital Tuanku Jaafar	Report/Enquiry	3/4/18	Item Movement - Triple transaction	Miss Yeap reported there are triple transaction appear for same issue no. She inform during approve the issue, there is no network problem in facility. She confirm PC running smoothly without any lagging. Item Code: N05BA01000G2001XX.01 Item Desc: Diazepam 5 mg Rectal Solution Issue No: 17300	This problem happening if user create own consumption from Off-Line issue tab, multiple transaction created when click save button.	16/4/18	
69	I-PhIS028371118S	Klinik Kesihatan Pontian	Report/Enquiry	18/3/18	MAA Report - previous supply end date not tally	Pn Ng Wan Ling reported previous supply end date not tally with supply duration. user try compare with date from 3/3/2018 until 3/3/2018 it was okay but user try generate 8/3/2018 until 8/3/2018 the Previous supply end date seem wrong	Issue happens due to previous supply end date filter wrongly the date time. E.g. if filter supply end date from 06/12/2017 to 06/12/2017, but in filter it actually taking between 06/12/2017 12AM to 07/12/2017 12AM.	9/4/18	
70	I-PhIS025435118S	Klinik Kesihatan Bandar Tun Razak	Report/Enquiry	22/2/18	Report / inquiry - ABC analysis not tally with issue report	user Miss Faty reported for Report / inquiry - ABC analysis not tally with issue report when user compare report. user checked at issue report item is listed item issue but at ABC analysis for the	ABC analysis calculate base on drug average price, no record shown when drug average price is zero. Issue Report calculate base on item	15/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						<p>item is not listed</p> <p>item:</p> <ol style="list-style-type: none"> 1. acarbose 50mg tablet 2. acriflavine lotion 3. acyclovir 	average price, therefore ABC analysis won't tally with Issue Report.		
71	I-PhIS027705118S	Hospital Pulau Pinang	Report/Enquiry	13/3/18	SPUB Activities - Record not tally	<p>User reported Record SPUB received and SPUB referred to not tally between record manual user for February. User confirmed that user count based on record prescription that using online only.</p> <p>Month: February Data showed in system phis is: Referred: 9 Received: 2 Data manual: Referred: 78 Received: 12</p>	Issue happens due to spub activities search filter and spub patient list search filter are different.	13/4/18	
72	I-PhIS031923118S	Hospital Tanah Merah	Special Drug Request	12/4/18	Special Drug Request - additional references field not save	User reported she already fill up info at additional references at screen Special Drug Request. But when she save and closed then find back SDR No found info she fill empty. Facility Request No HTMH0029/2018	Due to Additional References value is not save after click on 'Save' button.	17/4/18	
73	I-PhIS027455118S	Hospital Tanah Merah	Special Drug Request	11/3/18	Special drug request - Appear popup when click confirm - manufactured by	Cik Nik Ezmiza reported when DR click confirm button appear popup " manufacturer by cannot be blank" ,she inform DR is specialist not pharmacy. Why this message appear . No column to be filled in manufactured by in HOD part. User try to click confirm again and only	Previously system will always validate Manufactured field to have value whenever clicking on Confirm button even if user is not assigned the right to see that field.	14/3/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						successful on 4th attempt. Refer file upload. Transaction number : 0025/2018 ID DR : 660317035580(Dr Sakinah bt Zakariah)			
74	I-PhIS031061118S	Hospital Umum Sarawak	Special Drug Request	6/4/18	Special Drug Request - Newly add patient not appear	Pn Khor report she create 1 KPK request for 26 patients in a single form (HUS0379/2018). She fill out all the required fields, click Save button and close the screen. When she go back to the saved request, system only shows 14 patients. Then she try to add 1 patient again and save. But, system still showing 14 patients under this form.	Due to user add new patient without click on 'Edit' button at main dialog screen.	17/4/18	
75	I-PhIS026957118S	Hospital Taiping	Ward Pharmacy	7/3/18	CP1 - Dose and frequency not appear in CP1	User Mrs Azuati reported dose and frequency not appear in CP1 even thought she already fill up detail in prescription medication MRN : 44758	The error is caused by Dose & Frequency not save properly into system	28/3/18	
76	I-PhIS027997218S	Hospital Miri	Ward Pharmacy	14/3/18	CP1 - Tick checkbox not functioning	User Pan Lee Chee reported Tick checkbox not functioning in CP1 Step: Prescription Medication User tick checkbox for drug that user want to print. Example : Got 5 drugs in the list, user only tick 2 drugs. Click Save. When print out, still appear 5 drugs.	Previous function not properly to hold the selected checkbox when clicking on Save button.	30/3/18	
77	I-PhIS025975118S	Hospital Taiping	Ward Pharmacy	27/2/18	CP1 - unnecessary column appear when click print	1 - User reported when she proceed to print it will appear unnecessary column.For example when she print appear blank column. 2 - User inform when add 7 item in	The list has empty data.	3/4/18	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						CP1 only 2 item appear and 5 blank column.			
78	I- PHIS029339118S	Pejabat Kesihatan Daerah Temerloh	IWP	26/3/18	(1.8.1) Payment - Pop up message Invoice amount cannot be greater than LPO amount	Scenario: In eP,, LPO Amount is calculated based on qty multiply with eP Unit Price. Once eP Approved, LPO Amount is sent to PHIS. PHIS Invoice Amount is calculated based on eP Approved Qty multiply with PHIS Unit Price. During payment there is validation if PHIS Invoice Amount is greater than eP LPO Amount, user is unable to do payment. Expected result: To remove above validation and to allow proceed payment if PHIS Total Order Amount is not the same with eP LPO Amount. In PHIS will always refer PHIS Invoice Amount, not eP LPO Amount.	Please test with fresh data, the error came from application due to data issue. Old budget movements are in proper.	19/4/18	
79	I- PHIS031881118S	Hospital Miri	Pharmacy Inventory	12/4/18	Non-Drug master - amend avg_unit_price column.	User request to change item average price (sku), and drug average price. Item Code: P1660520001.00 Item Average Price (sku): 1.8625 Drug Average Price: 1.8625	3 decimal point only for non drug average price	13/4/18	
80	I- PHIS015156016S	Hospital Taiping	Pharmacy Inventory	20/6/16	RIQ - RIQ status in Indenter Unit display as 'Draf' although Inden has been approved	RIQ status in Indenter Unit display as 'Draf' although Inden has been approved. Kindly refer to the attachment No. Inden : K16000598	While save the RIQ the validation not apply correctly.	23/4/18	

Verified and Acknowledged By:



PHIS & CPS Project



Signature: _____ Name: _____
Date: _____ Designation: _____

Signature: _____ Name: _____
Date: _____ Designation: _____

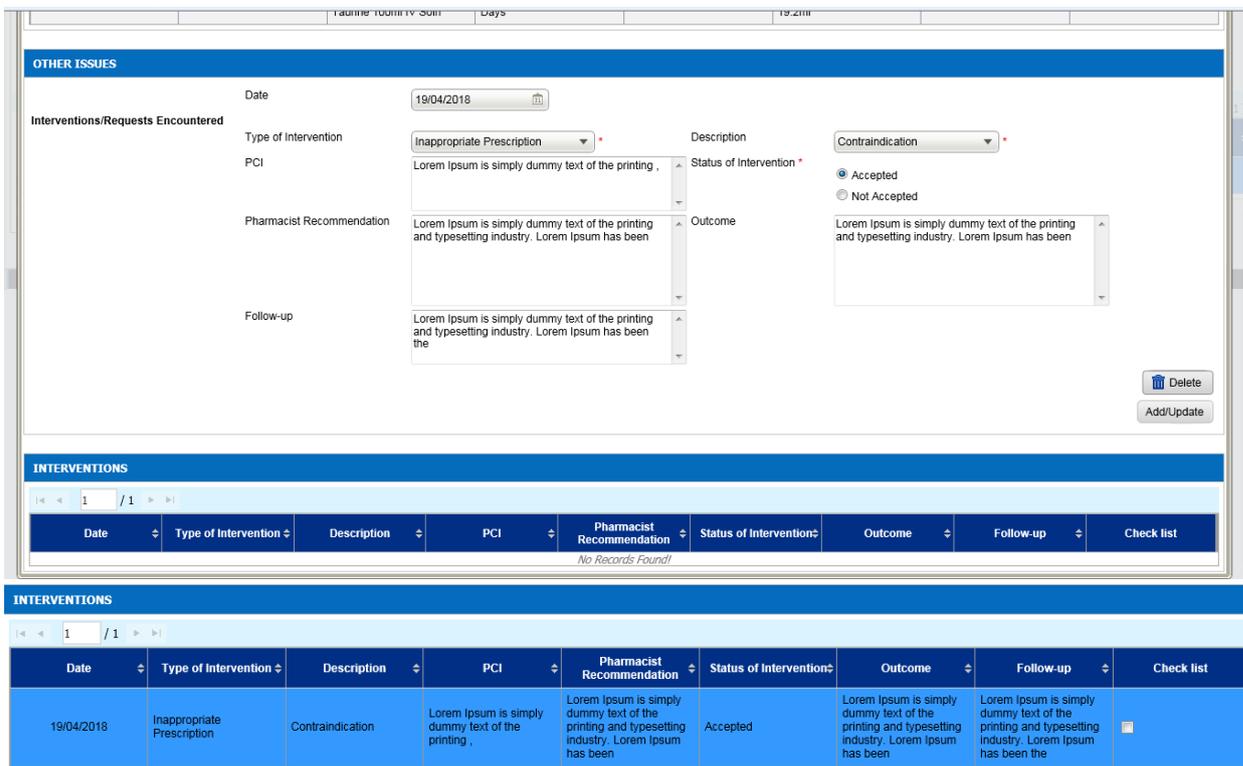
4 Refinement List – Detail Changes

4.1 Ward Pharmacy - PCI

CR No	Module	Function	Description
R180016	Ward Pharmacy	Ward Pharmacy - PCI - display 'Follow Up'	Minor enhance to Web and Mobile: 1. To directly display 'Follow Up' field without user has to click on edit button (to display in add new too) 2. 'Checklist' rename to 'Check List' *Apply to both web and mobile.

MTAC

- Issue 1: To directly display 'Follow Up' field without user has to click on edit button (to display in add new too)



The screenshot displays the 'OTHER ISSUES' form with the following details:

- Date:** 19/04/2018
- Type of Intervention:** Inappropriate Prescription
- Description:** Contraindication
- PCI:** Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the
- Pharmacist Recommendation:** Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the
- Status of Intervention:** Accepted (radio button selected)
- Outcome:** Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the
- Follow-up:** Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the

Below the form, the 'INTERVENTIONS' table is shown with the following data:

Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Check list
19/04/2018	Inappropriate Prescription	Contraindication	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	Accepted	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	<input type="checkbox"/>

- 'Checklist' rename to 'Check List'

Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Check list
19/04/2018	Inappropriate Prescription	Contraindication	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	Accepted	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the	<input type="checkbox"/>



Ward pharmacy

- 3) Issue 1: To directly display 'Follow Up' field without user has to click on edit button (to display in add new too)

WARD PHARMACY

Encounter No: 0541 Actual Admission Date: 02/03/2017 Attending Practitioner: Dr Eric Chong Joon Xiong Visit Location: NICU

CP1	1	03/03/2017 09:06 AM	Amino Acid 6.5% with Taurine 100ml IV Soln	19.2 ml, OD (once daily), 1 Days	Inappropriate Dose	s/t Dr Joanne, 0.8ml/hr. = 19.2ml	Accepted	Outcome
-----	---	---------------------	--	----------------------------------	--------------------	-----------------------------------	----------	---------

OTHER ISSUES

Date: 19/04/2018

Interventions/Requests Encountered

Type of Intervention	- Select -	Description	- Select -
PCI		Status of Intervention	<input type="radio"/> Accepted <input type="radio"/> Not Accepted
Pharmacist Recommendation		Outcome	
Follow-up			

Buttons: Delete, Add/Update

- 4) 'Checklist' rename to 'Check List'

INTERVENTIONS

1 / 1

Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Check list
19/04/2018	Inappropriate Prescription	Drug Interaction	Lorem Ipsum is simply dummy text of the printing and typesetting industry	Lorem Ipsum is simply dummy text of the printing and typesetting industry	Accepted	Lorem Ipsum is simply dummy text of the printing and typesetting industry	Lorem Ipsum is simply dummy text of the printing and typesetting industry	<input type="checkbox"/>



Mobile

iPad 2:51 PM 100%

Back **Other Issue** **Save**

INTERVENTIONS / REQUESTS ENCOUNTERED

Date: 20-04-2018

Type of Intervention*

Description*

PCI

Status of Intervention* **Not Accepted**

Pharmacist Recommendation

Outcome

Follow-up

Web and Mobile

WARD PHARMACY

Interventions/Requests Encountered

Type of Intervention: - Select -

Description: - Select -

PCI

Pharmacist Recommendation

Follow-up

Status of Intervention* Accepted Not Accepted

Outcome

Delete **Add/Update**

INTERVENTIONS

1 / 1 [1 - 1 / 1]

Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Check list
20/04/2018	Incomplete Prescriptions	Dose	Test	Test	Accepted	Test	Test	<input type="checkbox"/>



iPad 2:53 PM 100%

Back **Pharmaceutical Care Issue** **Add Other Issue**

NORITA PING JUK **HMIRI00139662**
 Female / 25 Years 9 Months 27 Days **DR FAM TEM LOM**
 Mykad: 920624136048
 Height: **0 cm** Weight: **0 kg** BMI/BSA: **0.0 / 0.0 m²**

Encounter No : **0590** Visit Date : **09/02/2017** Visit Location : **Klinik Pakar Perubatan**

Prescribed Medication Related Issues				Other Issue For Intervention					
Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Check List	Edit/Delete
20-04-2018	Incomplete Prescriptions	Dose	Test	Test	Accepted	Test	Test	<input type="checkbox"/>	

FLOVIA ANAK NAYEN



5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	1. PatchScripts_PhIS_v1.8.1.txt 2. PatchScripts_PhIS_v1.8.1_Functions.txt	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/scripts
2	Facility Application	iphis_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/war
3	Facility Application	PhISSchedulers_v.1.8.1.jar	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/jar
4	Facility Application	PhISService_v.1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/war
5	HQ Script	PatchScripts_IWP_v1.8.1.txt	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/scripts
6	HQ Application	phishq_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/war
7	HQ Application	epservice_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/war
8	HQ Application	masterRelease_V1.8.1.jar	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/jar
9	Mobile Application (Medication Order & MAR)	ipadhosp-1.8.0b9.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/Mobile
10	Mobile Application (Medication Order & MAR)	iphismobile_user_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/Mobile
11	Mobile Application (Medication Counselling & Ward Pharmacy)	iphismobile_user_v1.8.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/Mobile



No.	Items	Components	Path
12	Mobile Application (Medication Counselling & Ward Pharmacy)	PhISService_v.1.8.1.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/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	1. PatchScripts_PhIS_v1.8.1.txt 2. PatchScripts_PhIS_v1.8.1_Functions.txt	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script file 1 Execute as pgScript and Script file 2 execute by high lighting one by one
2	Facility Application	iphis_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/war	Please rename the war file from iphis_v1.8.1.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.1.8.1.jar	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.



Step	Items	File Name	Source Path	Action
4	Facility Application	PhISService_v.1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/war	Please rename the war file from PhISService_v.1.8.1.war to PhISService.war then deploy.
5	Mobile Application (Medication Order & MAR)	ipadhosp-1.8.0b9.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/Mobile	Rename ipadhosp-1.8.0b9.war to ipadhosp.war and deploy. - Mobile Frontend: 1.8.0r10 - Mobile Backend: 1.8.0b9
6	Mobile Application (Medication Order & MAR)	iphismobile_user_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/Mobile	Rename iphismobile_user_v1.8.1.war to iphismobile_user.war and deploy.
7	Mobile Application (Medication Counselling & Ward Pharmacy)	iphismobile_user_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/Mobile	Rename iphismobile_user_v1.8.1.war to iphismobile_user.war and deploy.
8	Mobile Application (Medication Counselling & Ward Pharmacy)	PhISService_v.1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/facility/war	Please rename the war file from PhISService_v.1.8.1.war to PhISService.war then deploy. - Mobile Frontend: PhIS P1.0r18 - Mobile Backend: Latest Backend App

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_v1.8.1.txt	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/war	Rename the war file from phishq_v1.8.1.war to phishq.war then



Step	Items	File Name	Source Path	Action
				Deploy using Glassfish Administration Console
3	HQ Application	epservice_v1.8.1.war	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/war	Rename the war file from epservice_v1.8.1.war to epservice.war then Deploy using Glassfish Administration Console
4	HQ Application	masterRelease_V1.8.1.jar	https://10.1.1.8.12:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1/iwp/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to masterRelease.jar