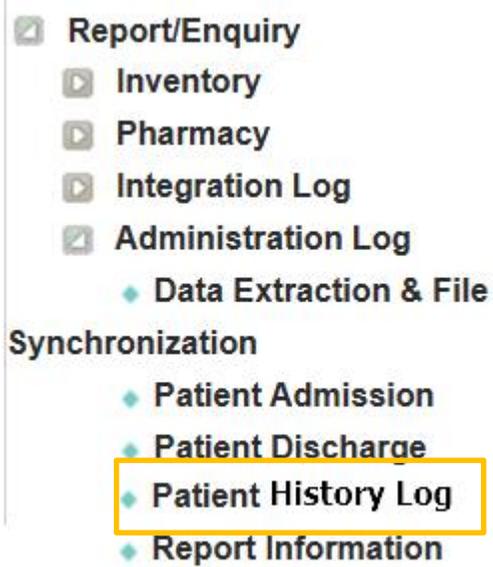## 1. Summary of Ticket Number and Requests on CCMS New Integration (Patient History Log)

No.	Ticket #	Description	Requests	Solution
1.	C2-INT007885 524R	**(CCMS) New Integration - ADT_A08** **CCMS New Integration:-** 1. New integration point to update patient demographic (ADT_A08). It will overwrite patient record based on patient MRN. PhIS shall keep patient record before being overwritten by SystmOne into new table. New screen required to view this information and user shall be able to print in PDF format and Excel format 2. Change Prescriber designation from source instead of default to 'PP'. **Other Request:-** 1. SystmOne adding diagnosis information in the A01 message. 2. SystmOne implement functionality to cancel orders on the PhIS when medication is stopped. 3. SystmOne adding order quantity information to OMP message when medication is prescribed as PRN frequency. Based on the above list, it requires changes in CCMS (SystmOne) and not in PhIS.	New integration point to update patient demographic (ADT_A08). Changes also to change prescriber designation from source data instead default to 'PP' in PhIS.	_Solution CCMS New Integration:_ 1. New integration point to update patient demographic (ADT_A08). Once PhIS receives patient record from third party system, system shall auto update existing patient in PhIS with data from third party system. Using MRN as a comparison, system shall update patient data with latest information, however at the same time, PhIS shall transfer existing patient data into staging table before record is updated. 2. This staging table shall insert data row by row for same patient MRN if new information comes again in future. This table shall have new field to capture datetime of data been replaced. 3. This staging table shall display the data in screen under new menu called as "Patient History Log' under Administration Log menu.

Function Flow	Current Version 2.6.3.12	New Version 2.6.3.13
1. **ADT_A08** – New integration point	No integration to update patient demographic when PhIS received data from CCMS.	1. When PhIS received data on patient demographic, using the new integration point (ADT_A08), PhIS shall auto update existing patient in PhIS with data from third party system. 2. Using MRN as a comparison, system shall update patient data with latest information, however at the same time, PhIS shall transfer existing patient data into stagging table before record is updated. 3. The existing patient data shall be transfer to this new stagging table and user can view this log in Patient History Log screen.

Function Flow	Current Version 2.6.3.12	New Version 2.6.3.13

2. Menu Patient History Log	No menu to view Patient History Log under Administration Log.
	
	Report/Enquiry
	  Inventory
	  Pharmacy
	  Integration Log
	  Administration Log
	    ♦ Data Extraction & File
	Synchronization
	    ♦ Patient Admission
	    ♦ Patient Discharge
	    ♦ Report Information
		1. New menu called as **'Patient History Log'** under **Report/Enquiry>Administration Log** has been added.
		
		Report/Enquiry
		  Inventory
		  Pharmacy
		  Integration Log
		  Administration Log
		    ♦ Data Extraction & File
		Synchronization
		    ♦ Patient Admission
		    ♦ Patient Discharge
		    ♦ Patient History Log
		    ♦ Report Information
		
		2. Click on this menu and Patient History Log shall appear.

Function Flow	Current Version 2.6.3.12	New Version 2.6.3.13
		  3. User able to print this listing page in PDF and Excel.

Function Flow	Current Version 2.6.3.12	New Version 2.6.3.13

Note:

a. This data shall be extracted from the staging table of patient history log.

b. User shall be able to **print** 🖨 **in PDF and Excel**. Format in PDF and Excel shall follow exactly same display as shown in listing page.

c. User shall be able to filter by:

    i. Patient MRN – filter by patient MRN and it is a free text field

    ii. Patient Name – filter by patient name and it is a free text field

    iii. IC No/Other Identification – Patient ID either MyKad, MyKid or from other identification

    iv. Record Created Date From/To – filter by record created date and time (from/to)
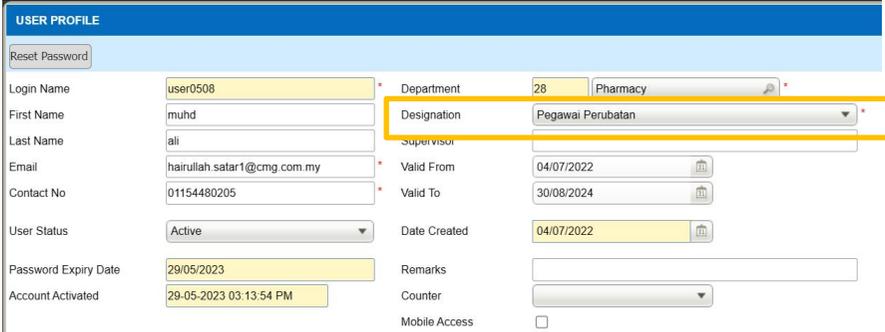
Function Flow	Current Version 2.6.3.12	New Version 2.6.3.13
3. Update Prescriber Designation	Current PhIS version, PhIS system will default the designation value of prescriber to 'PP' (*Pegawai Perubatan*) when received information from other third-party system.	1. Change Prescriber designation from source instead of default to 'PP' (*Pegawai Perubatan*). a. When PhIS received prescriber information, system shall accept prescriber designation sent by other third-party system if the designation reference code exist in PhIS. b. If the designation reference code does not exist in PhIS, PhIS shall automatically update the designation value to 'PP'.