AUTOMATION OF MOBILE MEDICAL UNIT

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MIS MODULE

USER MANUAL

VERSION 1.0

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1. Introduction

The overall objective of the MIS Module is to generate MIS reports based on key activities performed in the system for monitoring purpose. The reports include the reports related to MMU like OPD register and reports as well as camp monthly report. The report can be viewed at different level in a hierarchy maintained in the system. High level management can view the data of all MMUs where as MMU can view the data of self only. The reports are generated based on specific search parameter relevant for generating the report. The report is available for download in PDF format

2. Brief Overview

2.1 Features

This module manages the following features:

- Monthly camp plan report
- OPD register
- OPD reports

2.2 Target Users

The following users can access the MIS module:

1. MMU staff
2. Admin

3. Detailed requirement

3.1 Monthly camp plan report

3.1.1 Description

This functionality allows the user to view and download monthly camp plan. It includes date and day of camp, location, landmark, ward and camp longitude and latitude. The report is generated against selected city, MMU, year ad month. The report is available for download in PDF format.

3.1.2 Prerequisites

1. Camp plan is created in the application
2. The user is logged-in into the application and is having access to "Monthly camp plan report" page

3.1.3 Screenshot

Generate Camp Monthly Report

| City | Select ▾ | MMU | Select ▾ | Year | Select Year ▾ |
| Month | Select Month ▾ | Generate Report | | | |

3.1.4 Field Description

S. No	Field Name	Description
1	City	It refers to the city against which monthly camp plane report needs to be generated
2	MMU	It refers to the MMU name against which monthly camp plane report needs to be generated
3	Year	It refers to the year against which monthly camp plane report needs to be generated
4	Month	It refers to the month against which monthly camp plane report needs to be generated
5	Date	It refers to the date when camp is conducted
6	Day	It refers to the day on which the camp date lies.
7	Location	It refers to the location where camp is conducted
8	Landmark	It refers to the nearest landmark of the camp location
9	Ward name	It refers to the ward under which the camp location falls.
10	Longitude and latitude	It defines the camp exact location in terms of longitude and latitude.

MONTHLY CAMP PLAN REPORT form contains following **BUTTONS:**

GENERATE REPORT: This button is used to generate report base on selected search parameters

3.1.5 Flow

Steps of process flow:

1. Click on "MIS→ Monthly camp plan report" link
2. The system displays the Monthly camp plan report page **(Refer screenshot)**
3. User enters/ selects the search parameters (City, MMU, year and month)

4. Click on Generate Report button to display the camp report as shown below:

5. Click on download icon to download report in PDF format
6. Click on Print icon to print the report

3.1.6 Messages

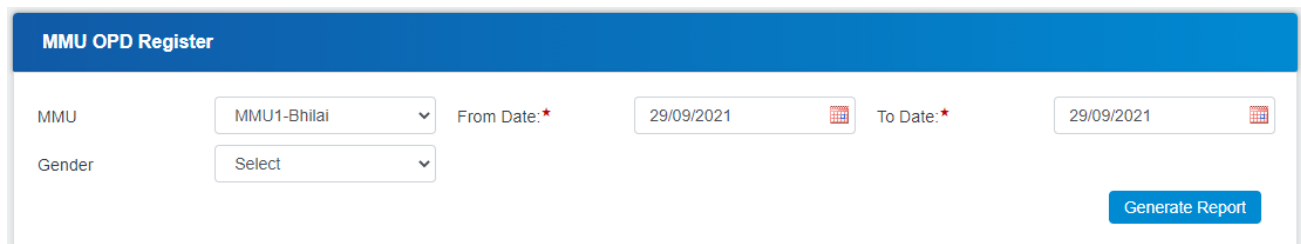| S. No.	Message	Reason	Expected Action from the user
1.	Please select city	This message indicates that city is not selected before clicking on Generate report button	User should select city
2.	Please select MMU	This message indicates that MMU is not selected before clicking on Generate report button	User should select MMU
3	Please select year	This message indicates that year is not selected before clicking on Generate report button	User should select year
4	Please select month	This message indicates that month is not selected before clicking on Generate report button	User should select month

3.2 OPD register

3.2.1 Description

This functionality allows the user to view and download OPD register against the selected date range. It includes the list of patent whose OPD is completed in system. The report displays the information like date of OPD, patient name, gender, age, type of patient, MMU where OPD is completed and doctor consultation details along with doctor name. The report is generated against selected MMU and date range and/or gender. The report is available for download in PDF format.

3.2.2 Prerequisites

1. OPD is completed against the patient
2. The user is logged-in into the application and is having access to "OPD register" page

3.2.3 Screenshot

3.2.4 Field Description

S. No	Field Name	Description
1	MMU	It refers to the MMU name against which OPD register needs to be generated
2	From date and To date	It refers to the date range within which OPD is completed
3	Gender	It refers to the gender of the patient
4	Date	It refers to the date when OPD is completed
5	Patient name	It refers to the name of patient whose OPD is completed
6	Age	It refers to the age of patient
7	Patient type	It defines whether the patient is labour or general citizen
8	Signs and Symptoms	It refers to the signs and symptoms of the patient captured at the time of OPD
9	Diagnosis	It refers to the diagnosis of the patient identified during OPD
10	Lab advice	It defines whether investigation has been advised by doctor or not
11	Treatment advice	It defines whether treatment has been prescribed by doctor or not
12	Referral advice	It defines whether referral to other hospital has been advised by doctor or not
13	Doctor name	It refers to the name of doctor who has entered consultation details

OPD REGISTER form contains following **BUTTONS:**

GENERATE REPORT: This button is used to generate report base on selected search parameters

3.2.5 Flow

Steps of process flow:

1. Click on "MIS→ MMU OPD register" or "Reception→ OPD Register" link
2. The system displays the MMU OPD register page **(Refer screenshot)**
3. User enters/ selects the search parameters (MMU, From and To date, Gender)
4. Click on Generate Report button to display the OPD report as shown below:

5. Click on download icon to download report in PDF format
6. Click on Print icon to print the report

3.2.6 Messages

S. No.	Message	Reason	Expected Action from the user
1.	Please select MMU	This message indicates that MMU is not selected before clicking on Generate report button	User should select MMU
2.	To date should not be earlier than the From date	This message indicates that Selected To date is earlier than the From date	User should select valid date

3.3 OPD reports

3.3.1 Description

This functionality allows the user to download the Case sheet, Prescription slip and Referral Reports in PDF format based on UHID/ Mobile number, patient name and visit number. Daily OPD report can also be downloaded based on mobile number and/ or patient name

3.3.2 Prerequisites

1. OPD is completed against the patient
2. The user is logged-in into the application and is having access to "OPD report" page

3.3.3 Screenshot

3.3.4 Field Description

S. No	Field Name	Description
1	UHID No/ Mobile No.	It refers to the UHID no or registered mobile no. of the patient whose OPD is completed
2	Patient name	It refers to the name of patient.
3	Visit number	It refers to the visit number of patients. It will generate when patient will do visit to doctor
4	Age	It refers to the age of patient
5	Gender	It refers to the gender of patient

Out Patient Report form contains following **BUTTONS:**

Case Sheet: This button allows the user to download/print the case Sheet

Prescription Slip: This button allows the user to download/print the Prescription Slip

Referral Report: This button allows the user to download/print the Referral Report

3.3.5 Flow

Steps of process flow:

Case1: Download OPD reports

1. Click on ""MIS →Out Patient Report"" or "OPD →Out Patient Report" link
2. Enter a valid UHID no/ Mobile no.
3. Select patient name and visit no. from dropdown
4. Click on Case Sheet/ Prescription slip/ Referral Report button
5. After clicking on Case Sheet/ Prescription slip/ Referral Report button, a popup will open which allows the user to download/print the Case Sheet / Prescription slip/ Referral letter **(refer screenshot in OPD waiting list)**
6. Click on save button to download the Case Sheet/ Prescription slip/ Referral letter in PDF format and save on user's system
7. Click on print button to print the Case Sheet / Prescription slip/ Referral letter

Case 2: Download daily OPD reports

1. Click on "MIS →Out Patient Report" or "OPD →Out Patient Report" link
2. Follow Step 4-7 of **Case 1**

OR

1. Click on "MIS →Out Patient Report" or "OPD →Out Patient Report" link
2. Enter/ select valid mobile no or patient name under Today OPD reports
3. Click on Search button to filter the record
4. Follow Step 4-7 of **Case 1**

3.3.6 Messages

S. No.	Message	Reason	Expected Action from the user
1.	Please enter and select above details	This message indicates that no search parameter is entered and selected for search	User must enter and select the parameters
2.	No Record Found	This message indicates that valid service number is not entered by user for search	User must enter a valid service number