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FOUNDATION

Visual Guideline

**MBDS - Event Based Surveillance
(EBS) System Mobile App**

MBDS – Regional Collaborative Platform
Event Base Surveillance Real Time Reporting

Mekong Basing Disease Surveillance (MBDS)

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Event Base Surveillance Real Time Reporting

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CHAPTER



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1

INTRODUCTION OF MBDS – EBS APP

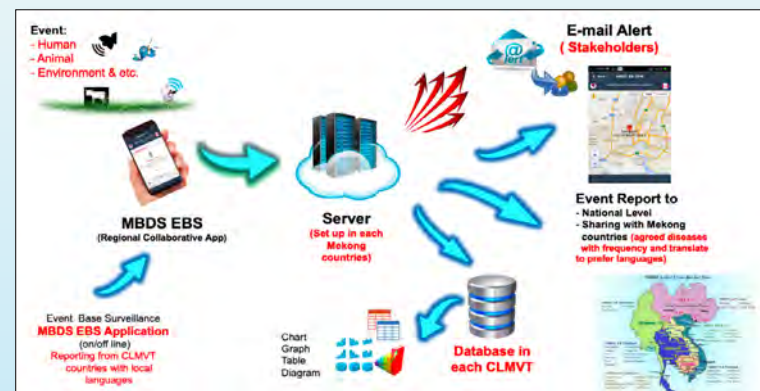
ACKNOWLEDGEMENT

This “Visual Guideline” owes its existence to the support and inspiration of several people. We would like to express our appreciation and gratitude to everyone who have contributed in completion of the handbook.

Firstly, we would like to thank Rockefeller Foundation, Thailand Ministry of Health, and Thai XB provinces for ultimate support and contribution in developing this EBS App guideline.

Lastly, our greatest gratitude goes to Dr. Moe Ko Oo, MBDS Board Member for all of his tremendous support throughout this Visual Guideline.

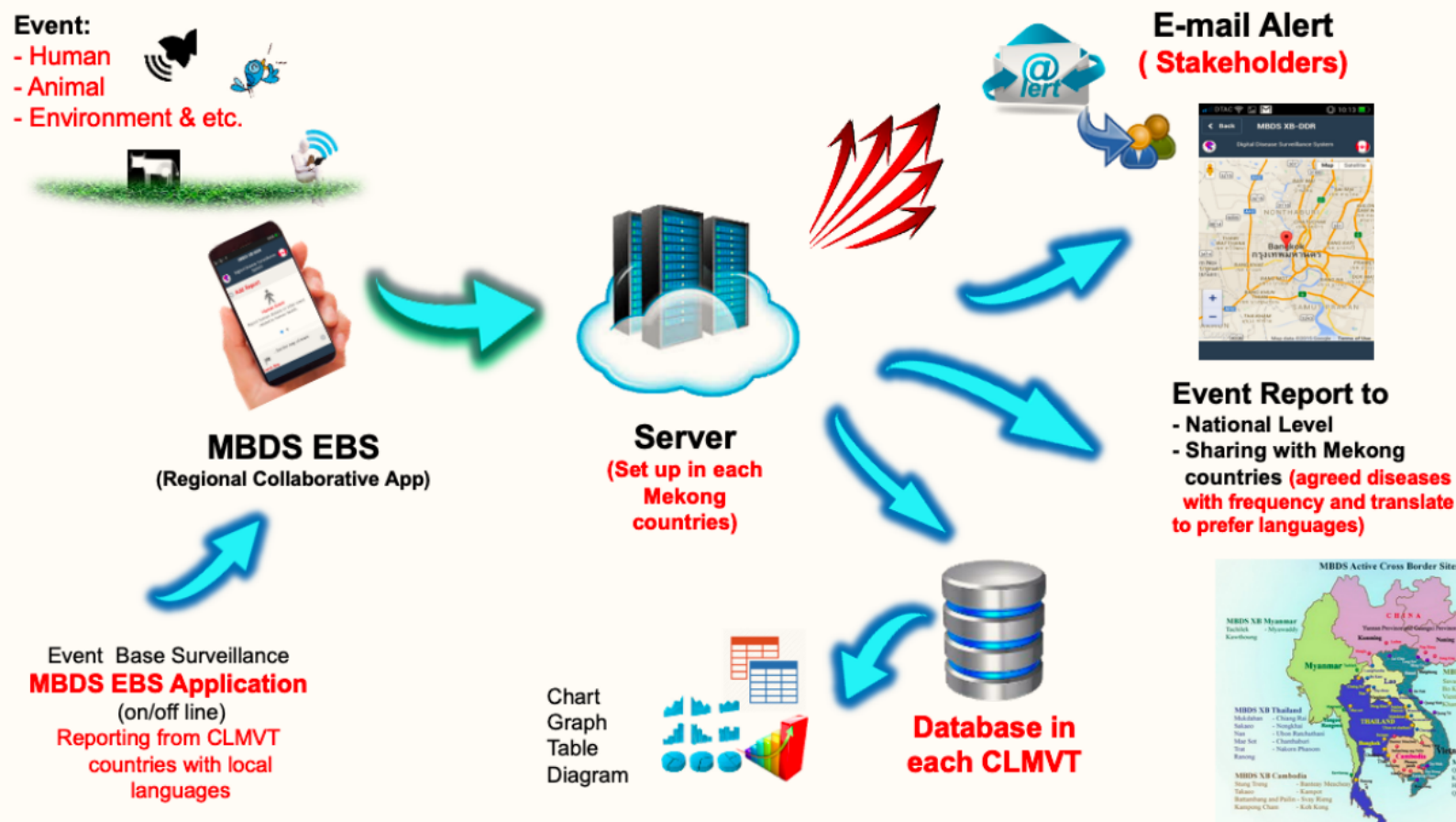
MBDS Foundation Secretariat



MBDS - EBS APP

MBDS – Event Base Reporting Application is developed for real time reporting, regional information sharing and collaboration. This event base surveillance system which will be implemented for real time reporting of public health threats, especially for animal, human, and environmental events. The reporting by this Android application is including photos, images, geo-location of all Emergency and Public Health threats, including One Health events. The official reporting information from this EBS application are kept confidential in each MBDS Member Countries.

INTRODUCTION OF MBDS – EBS APP





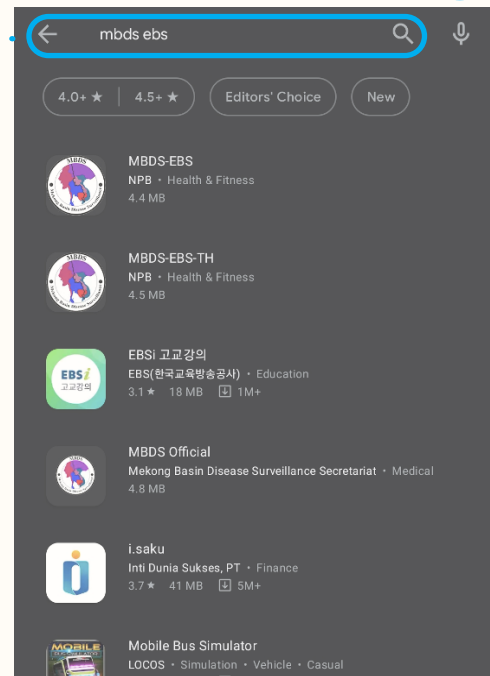
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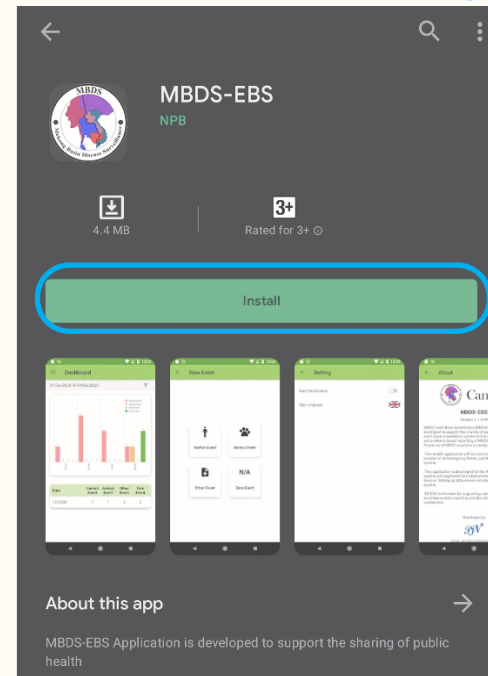
INSTALLATION FOR MBDS – EBS APP

Type **MBDS EBS** in
Google Play Store
Then click MBDS logo
to download

step 1



step 2



Click **Install** button
to install the MBDS EBS
application

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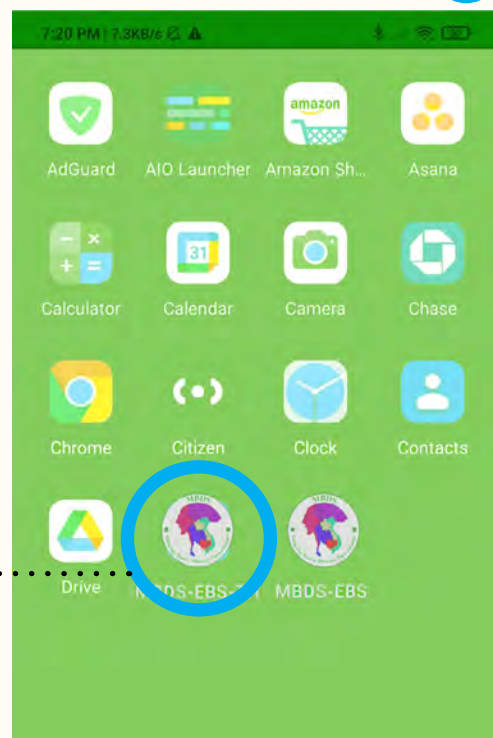
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SIGN UP TO MBDS – EBS APP

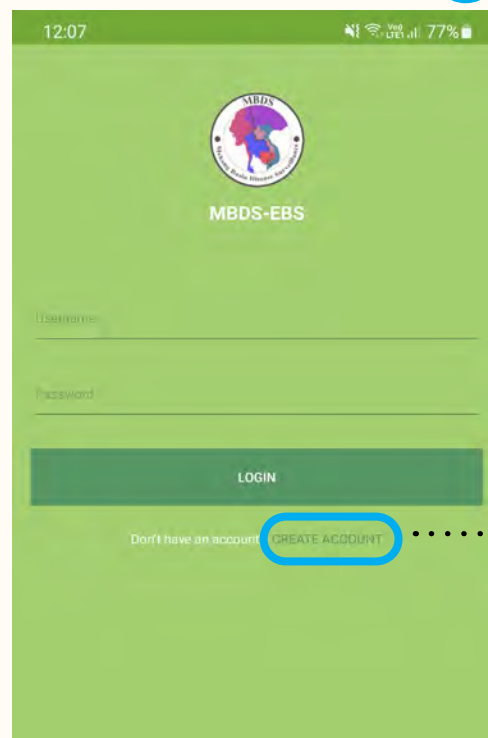
step 1

open **MBDS** app
by click on it



step 2

Click on
Create account



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SIGN UP TO MBDS – EBS APP

There are two types of user
(**Country and Province**),
Choose your type and fill the
required information,
Click **REGISTER**

step 3

step 4

Wait for approved from admin
- after admin approved,
Click **APPROVED
ALREADY**



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LOG IN TO MBDS – EBS APP

step 1

Enter User name
and Password,
Click **LOG IN**

step 2

You have two options
“**Save**” is for remember
password, “**not now**”
is for not remember password

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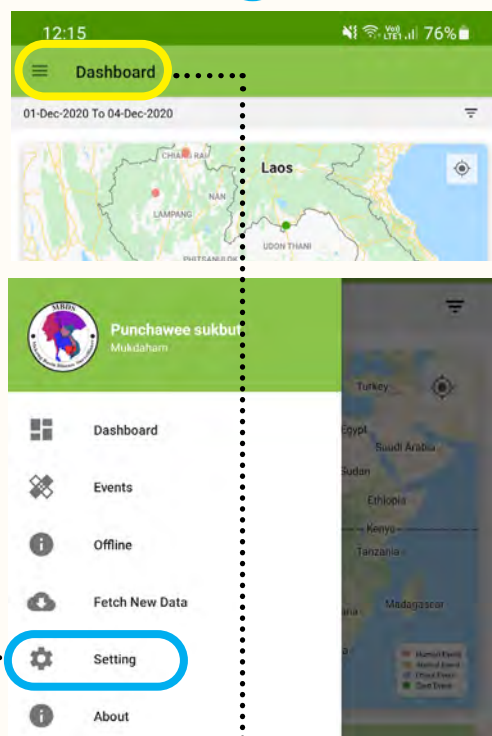



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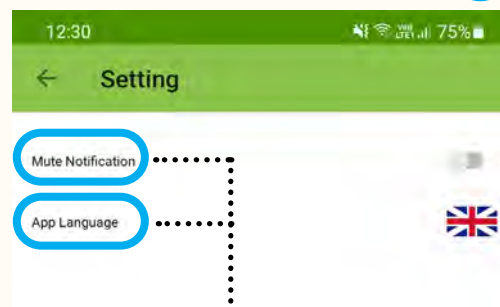
SETTING FOR MBDS – EBS APP

step 1



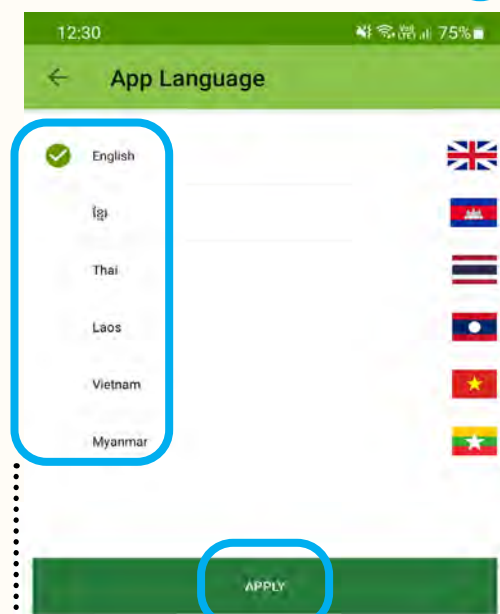
Click on the **Sign** 
at the top left to see menu list
..... **Setting**

step 2



You can **Mute Notification**
or **App Language**

step 3



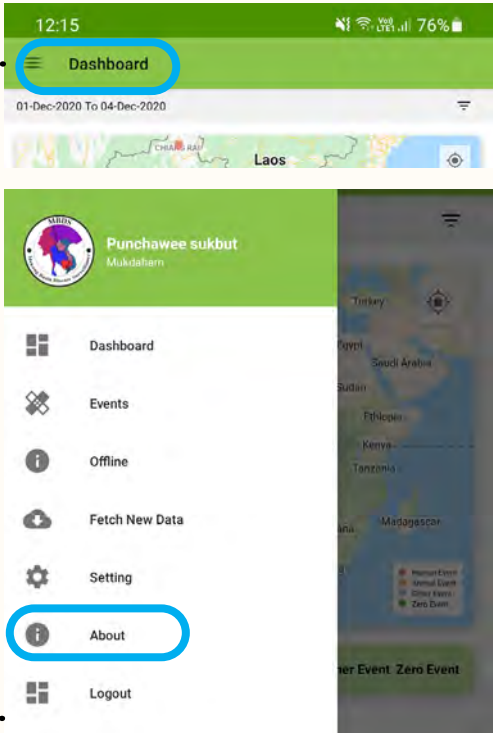
Choose your
Language
and click **Apply**

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VERSION OF MBDS – EBS APP

step 1



Click on the
(≡) **Sign**
at the top left to
see menu list
(**About**)

step 2

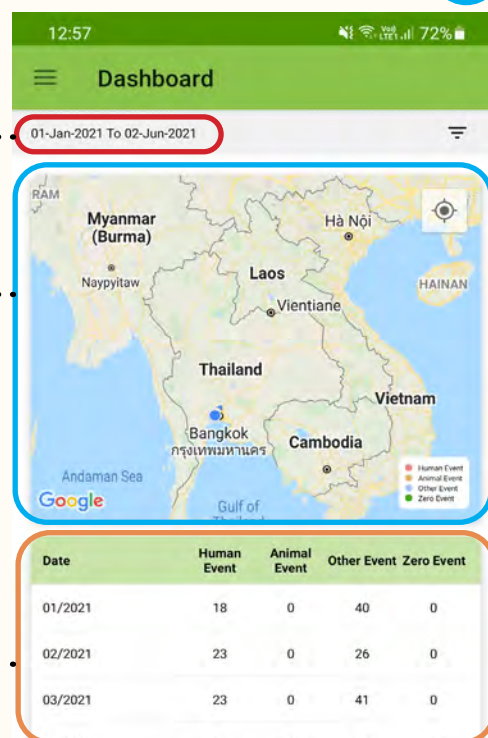


(**About**) is for app version,
goal of developing the app

7

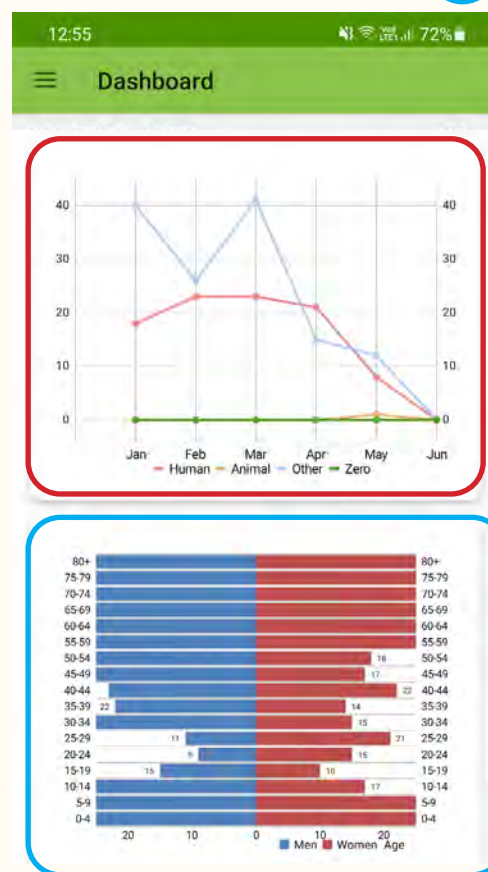
DASHBOARD IN MBDS – EBS APP

step 1



Filter data by location and period
Illustrate case (events) on maps
Summary data table by events

step 2



Graph for number of
cases by events
Illustrate for number of
cases by age group and sex



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ENTRY DATA FOR HUMAN EVENT

step 1

New Event

Human Event

Animal Event

Other Event

N/A

Zero Event

Click on **Human Event** for enter data

step 2

Human Event

Case Date

PT Info

S/S

Lab and PD

CDC

Pho

Case Date *

02-Jun-2021

Select time

Onset or illness Date *

02-Jun-2021

Treatment Date *

02-Jun-2021

Fill the required information for **Case Date**

step 3

Human Event

Case Date

PT Info

S/S

Lab and PD

CDC

Pho

Info *

Full Name

Test

Age

30

Gender *

Male

Female

District

Fill the required information for **PT Info**

Noted: Star (*) sign is required fields

8

ENTRY DATA FOR HUMAN EVENT

step 4

Fill the required
information for
S/S (systems list)

step 5

Fill the required information for
..... **Lab and PD**

Laboratory can choose only
one between Rapid Test and Lab

step 6

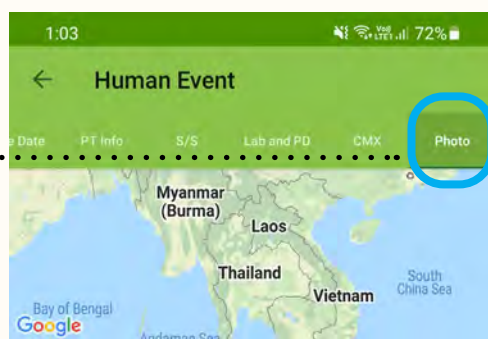
Fill the required information for
..... **CMX** (Case Management)

Noted: Star (*) sign is required fields

8

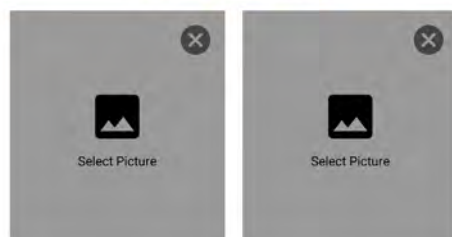
ENTRY DATA FOR HUMAN EVENT

step 7



Attached geotag
Photo

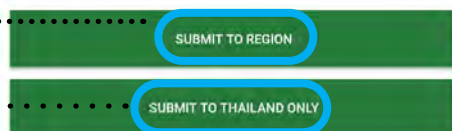
Submit to region:
share this event
to the region



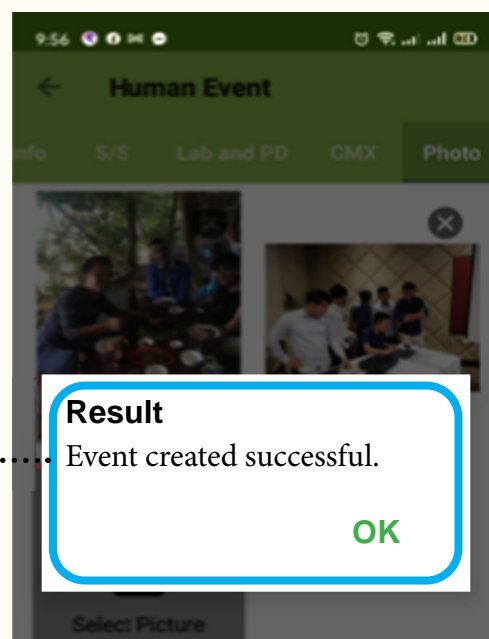
Submit to

Thailand only:

share this event
in Thailand only



step 8



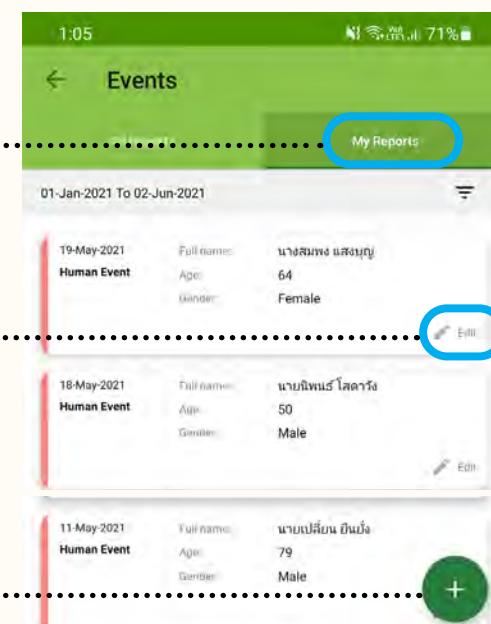
Result

Event created successful.

OK

Confirmation message of
SUCCESSFULLY uploaded data to server

step 9

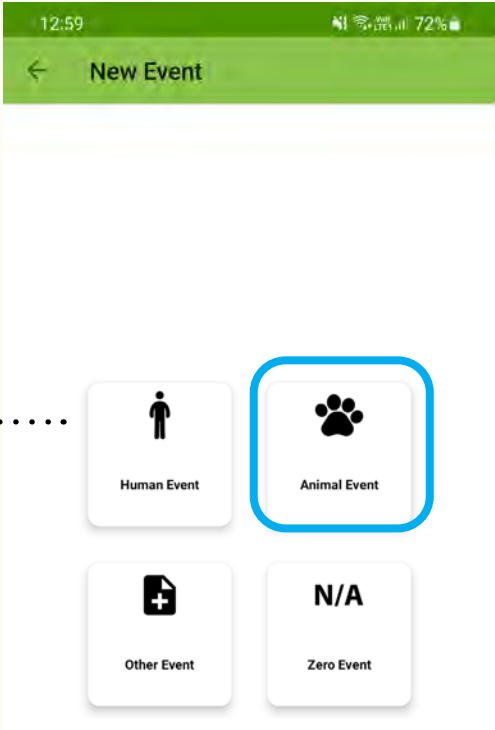


View your report in **My Reports**,
can **Edit** and **Add New** case

9

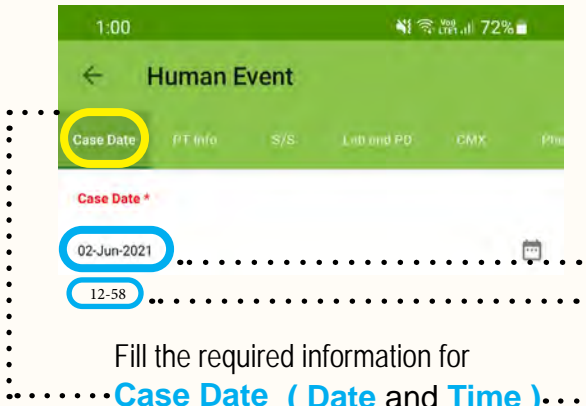
ENTRY DATA FOR ANIMAL EVENT

step 1



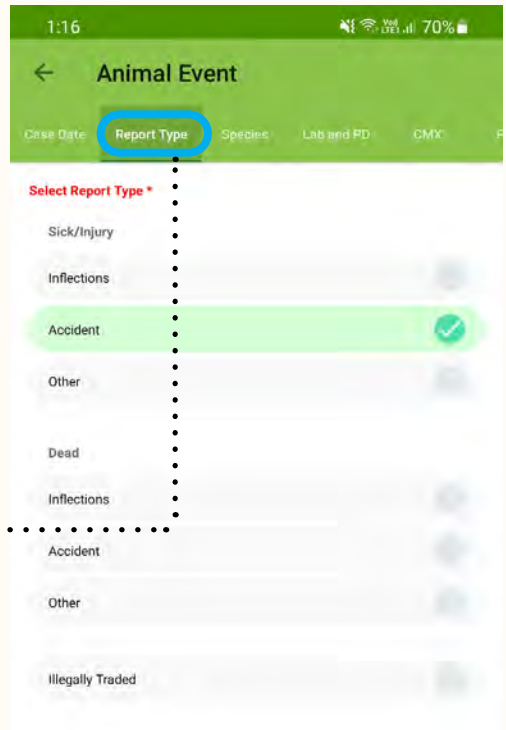
Click on
Animal Event
for enter data

step 2



Fill the required information for
Case Date (Date and Time)...

step 3



Fill the required information for
Report Type

Noted: Star (*) sign is required fields

9

ENTRY DATA FOR ANIMAL EVENT

step 4

Animal Species

- Cattle
- Pig
- Donkey
- Goat
- Guinea Pig
- Horse
- Rabbit
- Deer
- Buffalo
- Sheep

Fill the required
information for
Species

step 5

Provisional Diagnosis

Enter Provisional Diagnosis

could write here

Fill the required
information for
Lab and PD

step 6

Case Management

- Left at site ☒
- Removed and disposed ☐
- Contacted agency/organization ☒
- Took for treatment ☐
- Took for analysis ☐

Management Detail

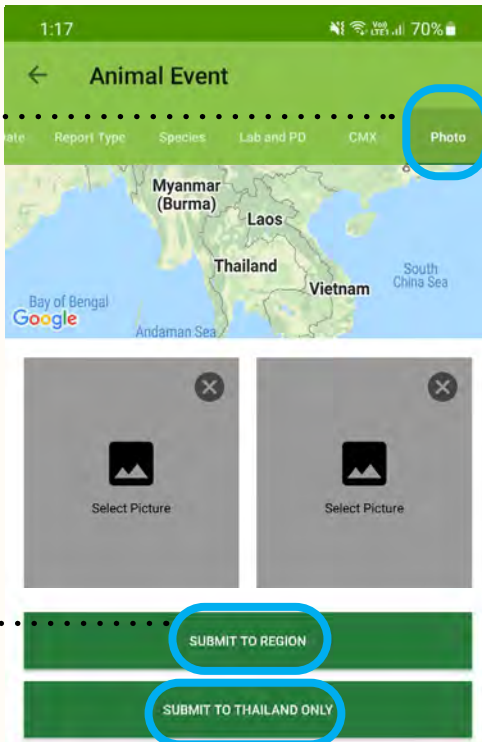
write here

Fill the required
information for
CMX
(Case Management)

9

ENTRY DATA FOR ANIMAL EVENT

step 7

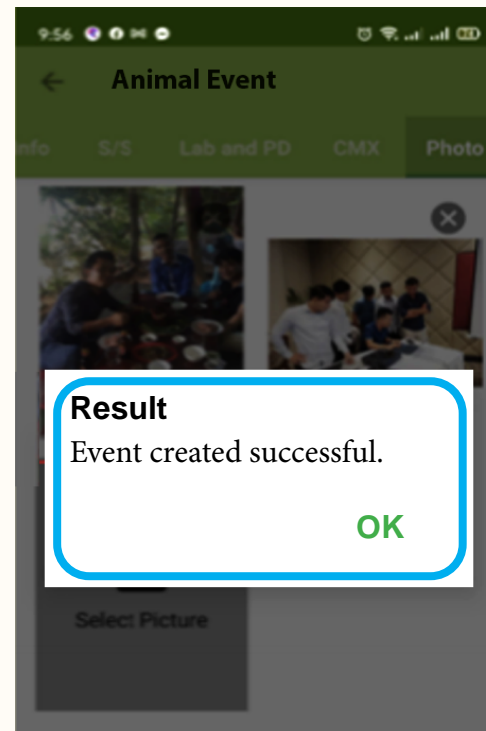


Attached geotag
Photo

Submit to region:
share this event
to the region

**Submit to
Thailand only:**
share this event
in Thailand only

step 8



Confirmation message of
successfully uploaded data
data to server

10

ENTRY DATA FOR OTHER EVENT

Click on
Other Event
for enter data

step 1

step 2

Fill the required information for
Case Date (Date and Time)...

step 3

Fill the required information for
Suspected Event

10

ENTRY DATA FOR OTHER EVENT

step 4

Fill the required
information for
CMX
(Case Management)

step 5

Attached geotag **Photo**

Submit to region:
share this event to the region

Submit to Thailand only:
share this event in Thailand only

step 6

Confirmation message of
successfully uploaded data
data to server

11

ENTRY DATA FOR ZERO EVENT

Click on
Zero Event
for enter data

step 1

Fill the required information for
Case Date

Submit to region:
share this event to the region

Submit to Thailand only:
share this event in Thailand only

step 2

step 3

Confirmation message of
successfully uploaded data to server

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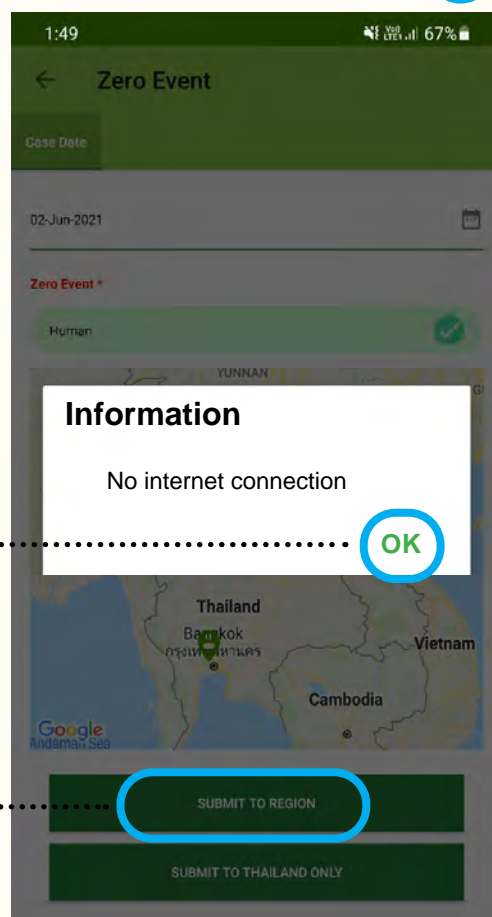
SAVE DATA FOR OFFLINE REPORT



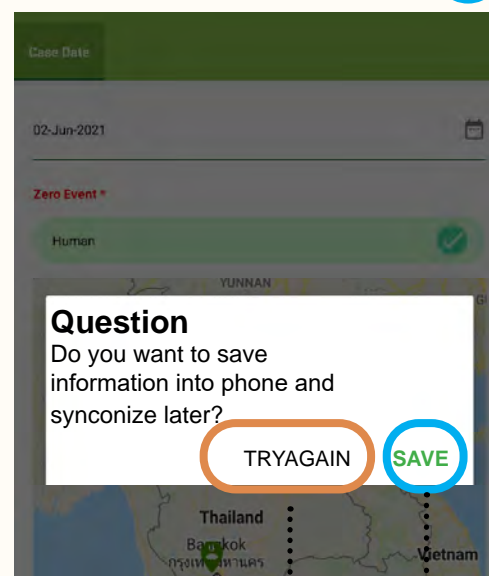
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step 1

Send data by click on **SUBMIT TO REGION** and got alert information and click **OK**

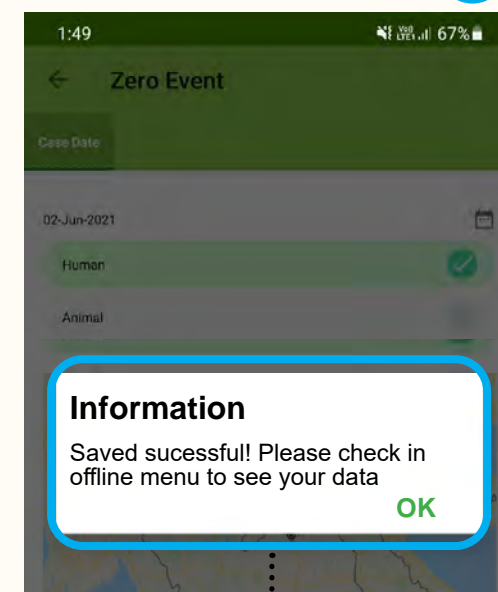


step 2



You have 2 options: **TRY AGAIN** is for try to send data again, **SAVE** is for save data to phone

step 3



Confirmation message of **sucessfully** uploaded data to server

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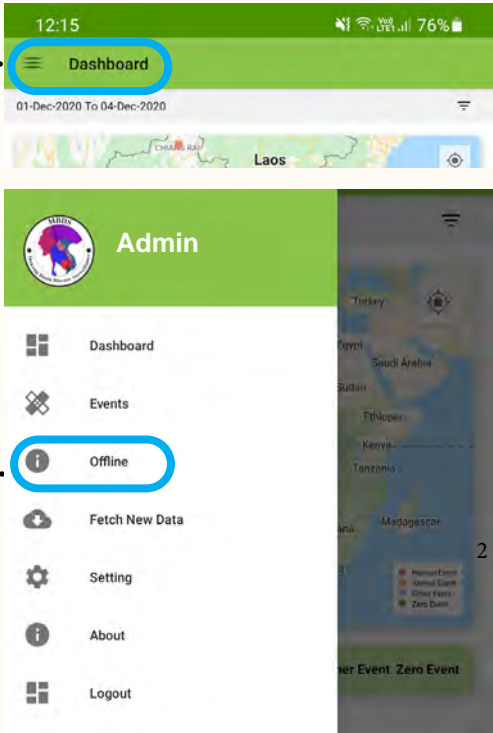
SYNCHRONIZE OFFLINE REPORT TO SERVER



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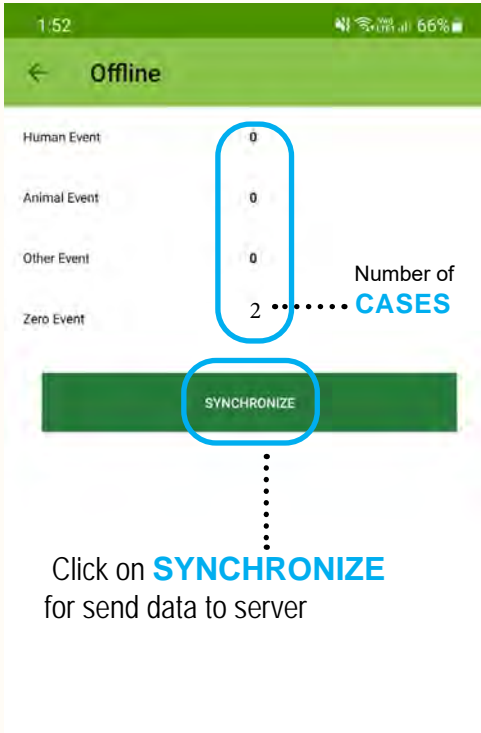
step 1

Click on the **(≡) Sign** at the top left to see menu list **(Offline)**



step 2

Click on **SYNCHRONIZE** for send data to server



Number of **CASES**

Event Type	Count
Human Event	0
Animal Event	0
Other Event	0
Zero Event	2

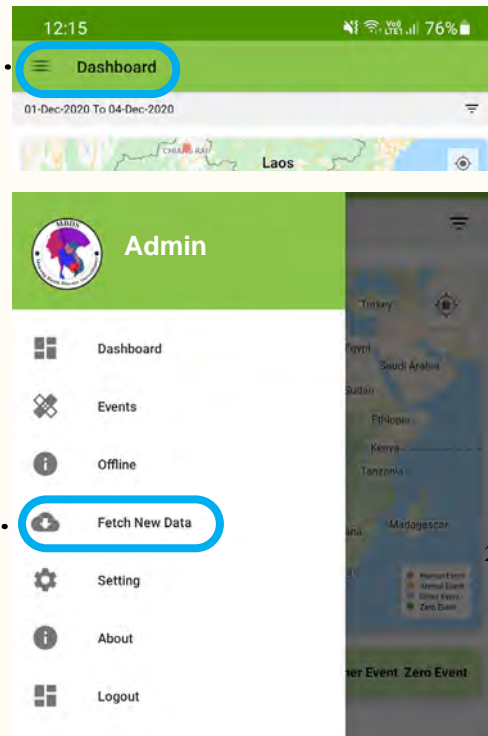
14

FETCHING FOR UPDATING DATA



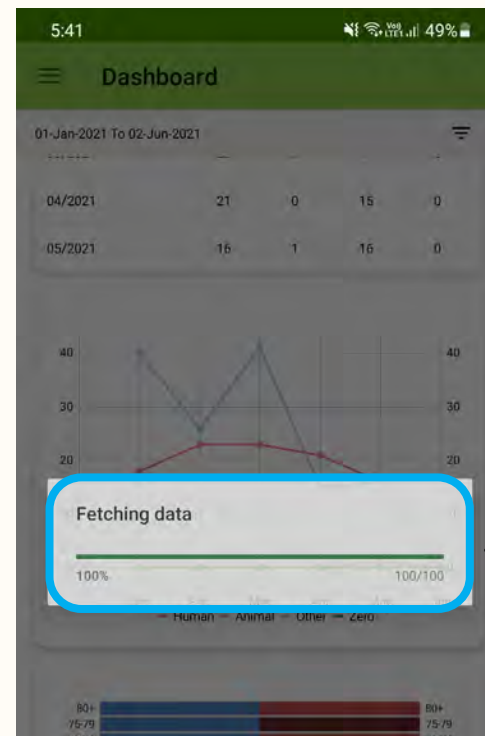
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step 1



Click on the
(≡) **Sign**
at the top left to
see menu list
(Fetch New Data)

step 2



Fetching data
is for updating data
in the drop down list

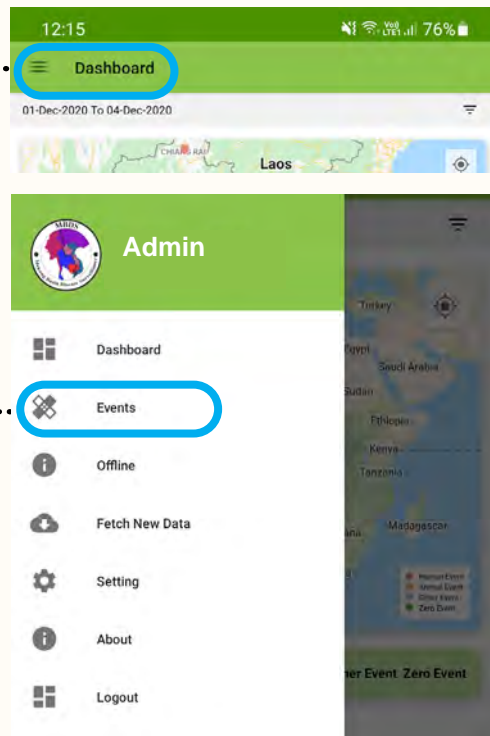
15

DATA SUMMARY AND VISUALIZATION



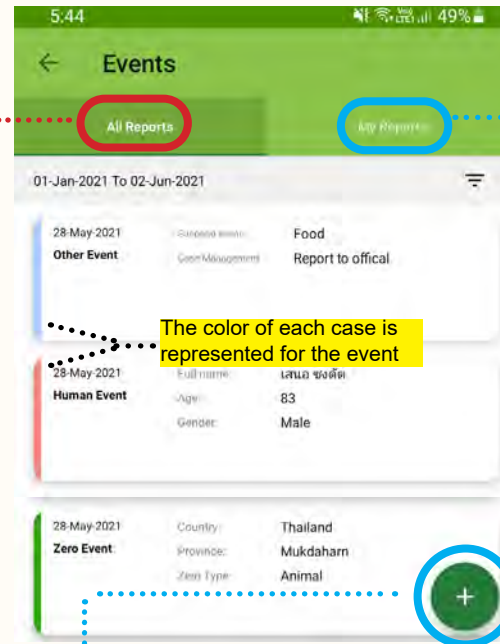
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step 1



Click on the (≡) **Sign** at the top left to see menu list (**Events**)

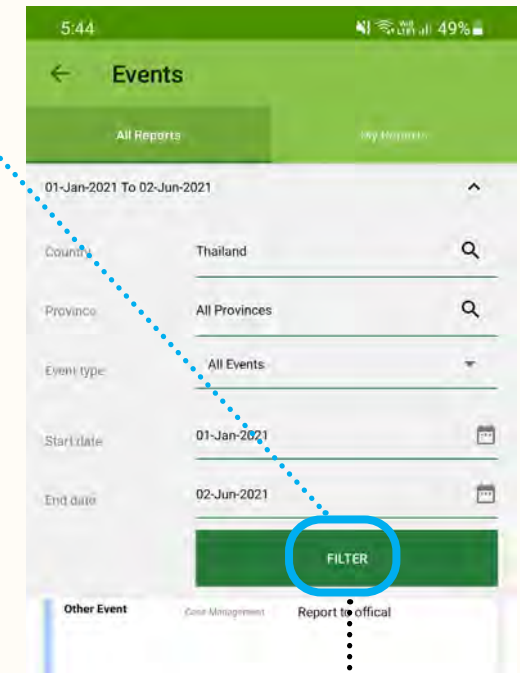
step 2



Add new events for enter data

...**All Report** view all cases in the region,
My Report view case that you reported...

step 3



Filter data by country, province, event type and period, click **FILTER**

15

DATA SUMMARY AND VISUALIZATION



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step 4

We have 4 types of events
(**Human, Animal, Other and Zero**)
to enter data, click on each event

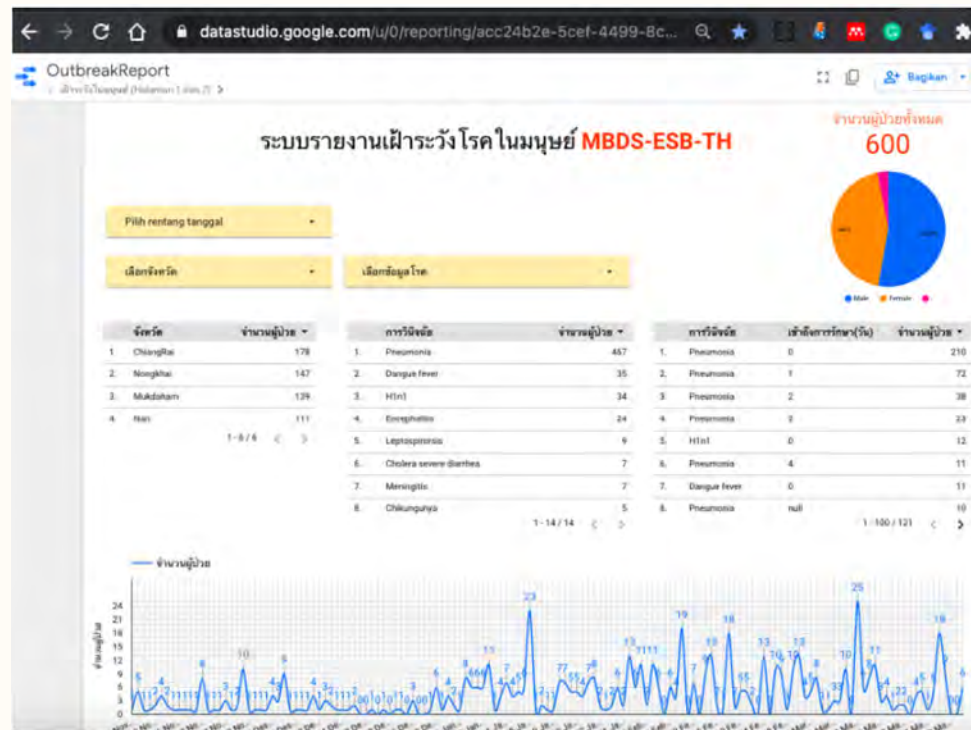
step 5

Click on each case
to view **detail** of case

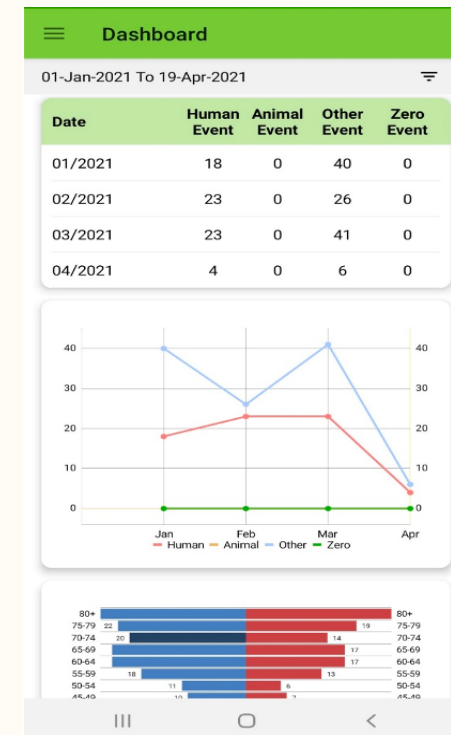
15

DATA SUMMARY AND VISUALIZATION

(Web-Based)



(App-Based)

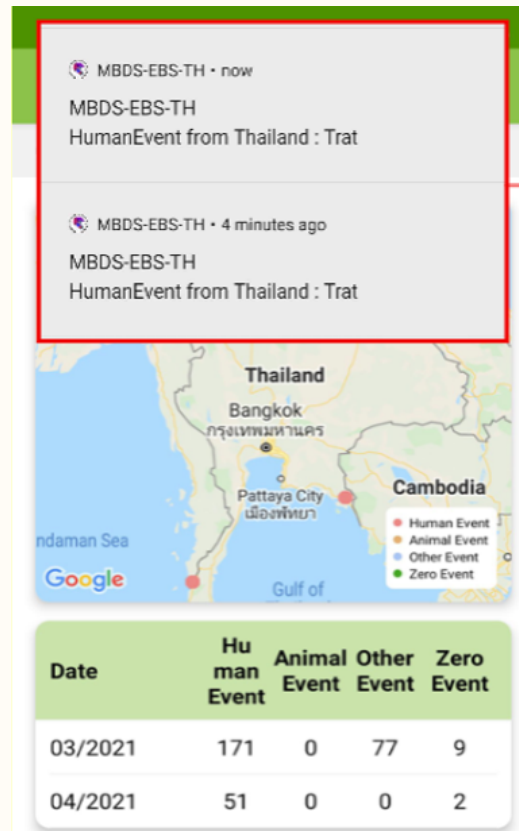


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ALERT NOTIFICATION



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You will receive
Notifications from server
for new cases if your phone
has internet

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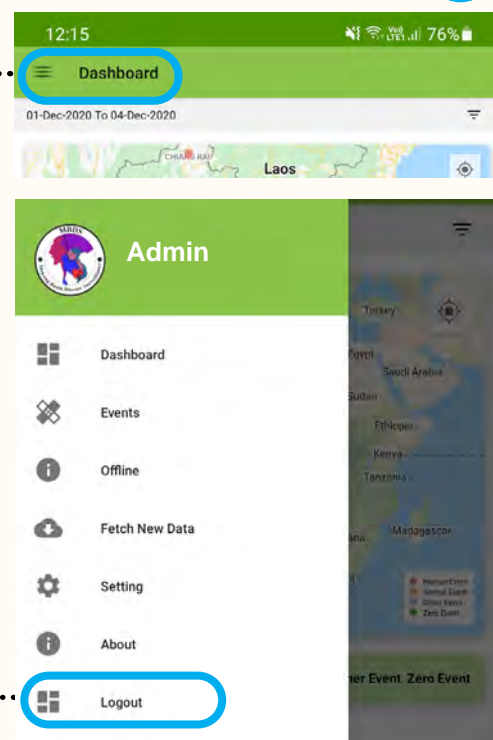
17

LOGOUT FROM MBDS - EBS APP



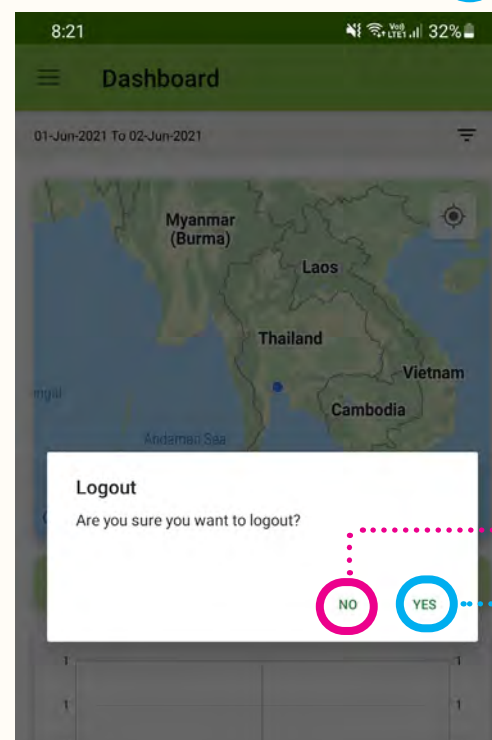
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step 1



Click on the (≡) **Sign**
at the top left to see
menu list (**Logout**)

step 2



You have 2 choices
NO is for keep login
YES is for logout

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MBDS - Event Based Surveillance (EBS) System Mobile App

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<https://mbdsnet.org/>

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