

Application of the WVS App to plan and design effective mass dog vaccination programs

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Director, International Rabies Taskforce



MASS DOG VACCINATION

Operations



2013 Operations



2013 Operations



Ward 31



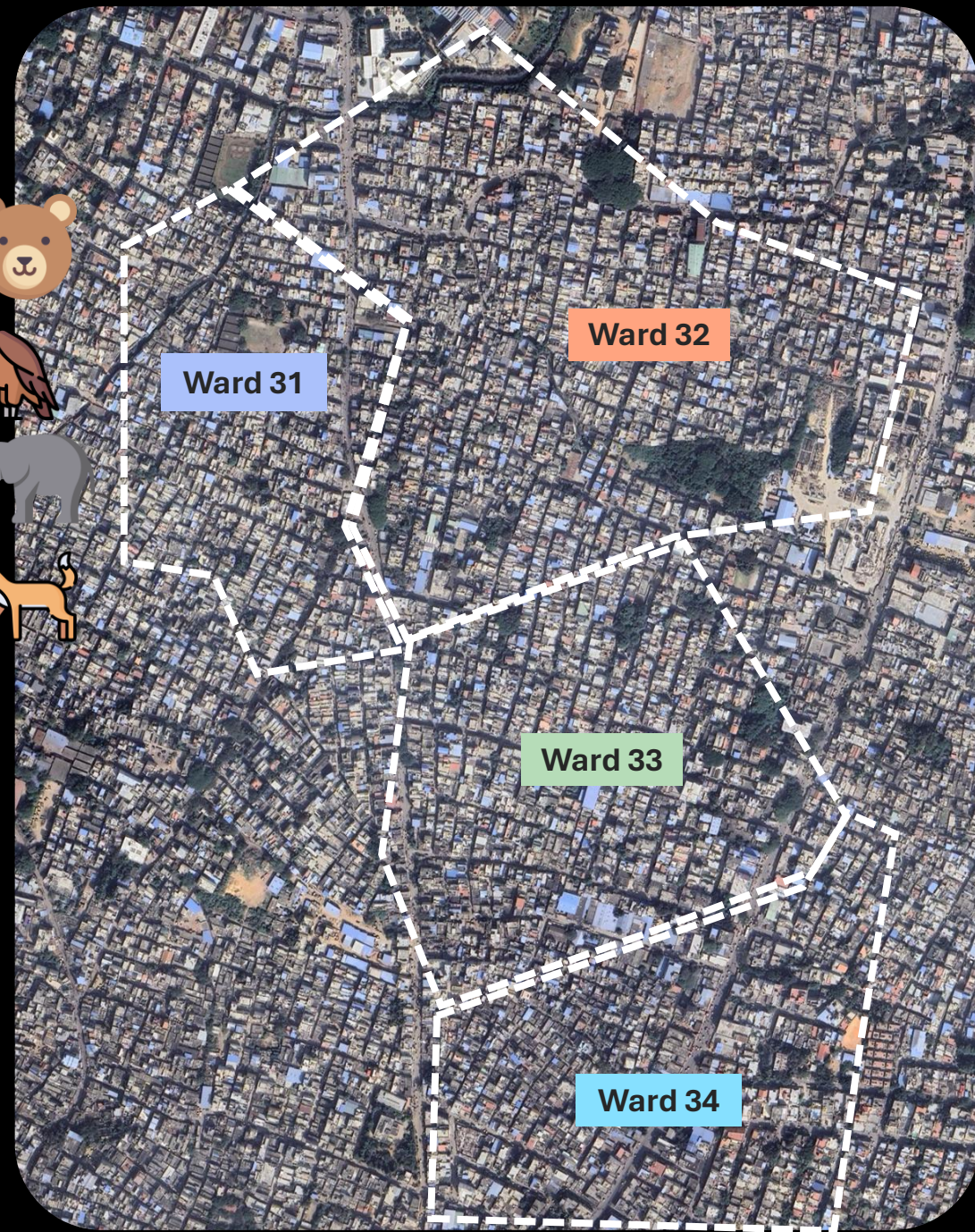
Ward 32



Ward 33



Ward 34



Vaccination Record Sheet

Date: _____

Ward number / area name: _____

Team: _____

#	Owner	Sex	Age	Neuter	Mark
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

2013 Operations



Vaccination Record Sheet

Date: 17/09/2013

Ward number / area name: Ward 31

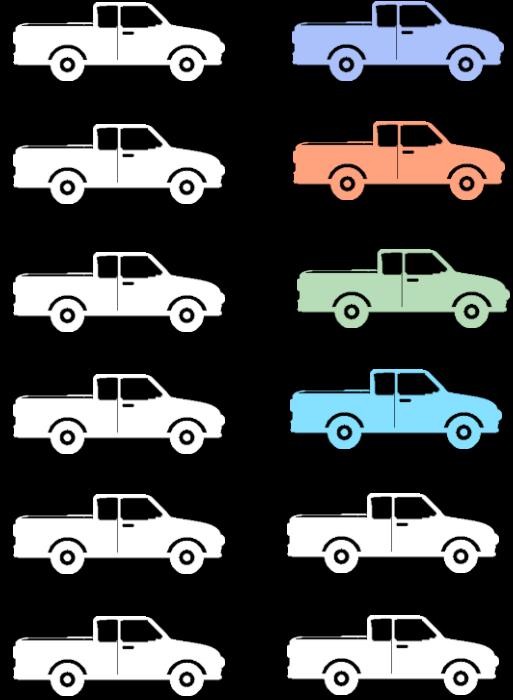
Team: Bears

#	Owner	Sex	Age	Neuter	Mark
1	Y	M	A	Y	Y
2	N	F	P	Y	Y
3	Y	F	P	N	N
4	Y	M	A	N	Y
5	N	M	A	N	N
6	Y	F	A	N	Y
7	N	F	P	Y	Y
8	N	M	A	N	N
9	Y	M	A	Y	Y
10	Y	F	A	Y	Y



2013 Operations

#	Owner	Sex	Age	Neuter	Mark
1	Y	M	A	Y	Y
2	N	F	P	N	Y
3	Y	M	A	N	Y
4	Y	M	A	N	Y
5	N	F	A	N	Y



Population analysis

- Ownership by region / whole campaign?
- Proportion of dogs sterilized?
- Confinement of dogs?

2013 Operations



2013 Operations



Tech



Basic data collection app

Simple data collection form
With GPS location



2013 Operations

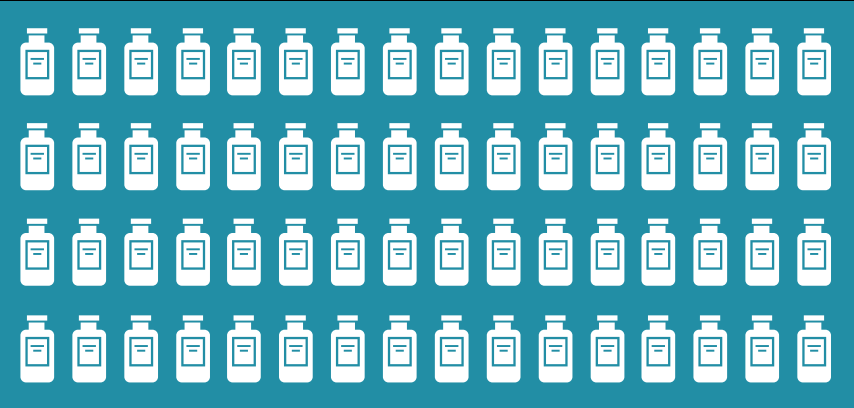
Tech

**Basic data
collection app**

Simple data collection form
With GPS location



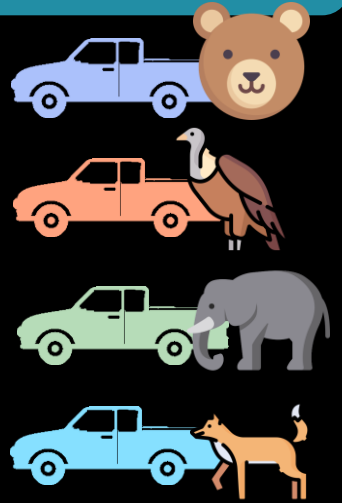
2013 Operations



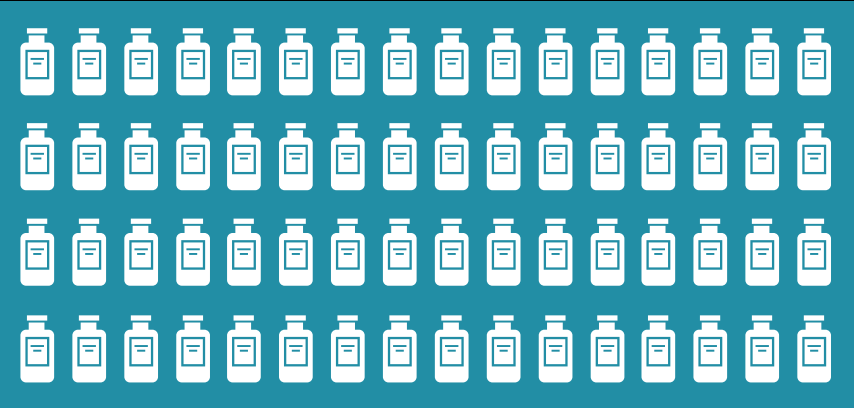
Basic data collection app

Simple data collection form
With GPS location

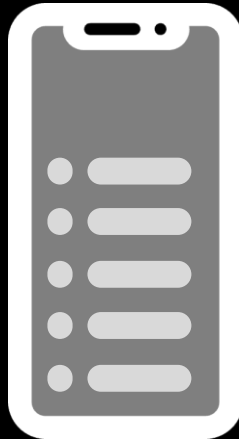
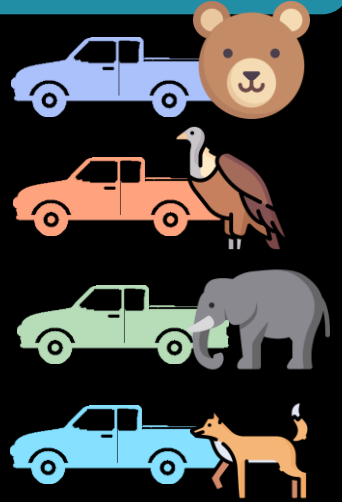
Tech



2013 Operations



Tech



Basic data collection app

Simple data collection form
With GPS location



2013 Operations

Tech

**Basic data
collection app**

Data verification

Time / date

GPS - clustering

Owners name / phone numbers



THIS WILL NEVER
WORK



SPREAD



2013

**Basic data
collection app**

Data quality

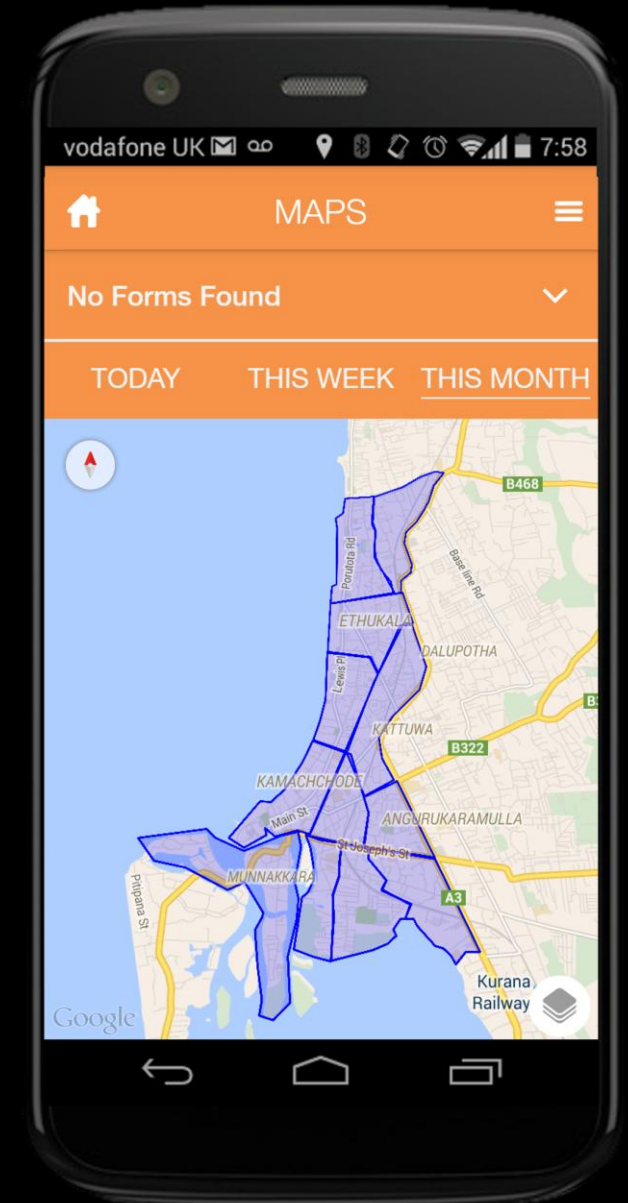


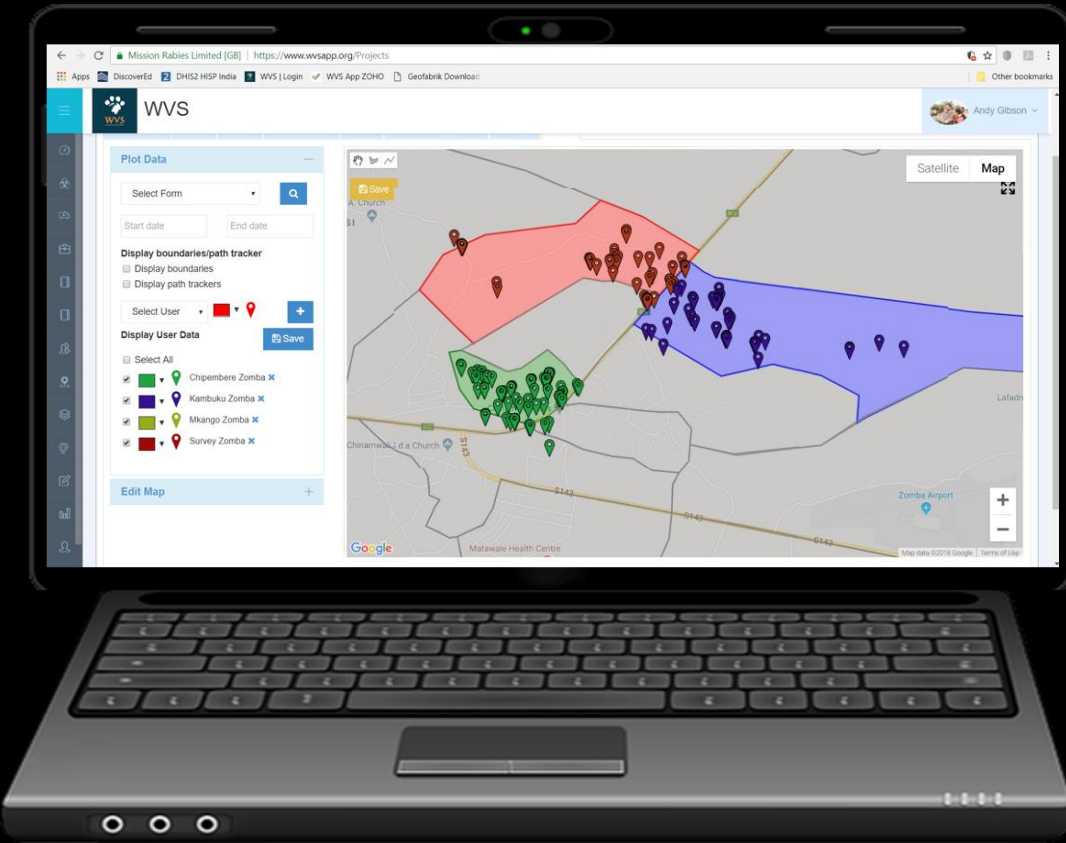
2014



Data quality

Spatial strategy

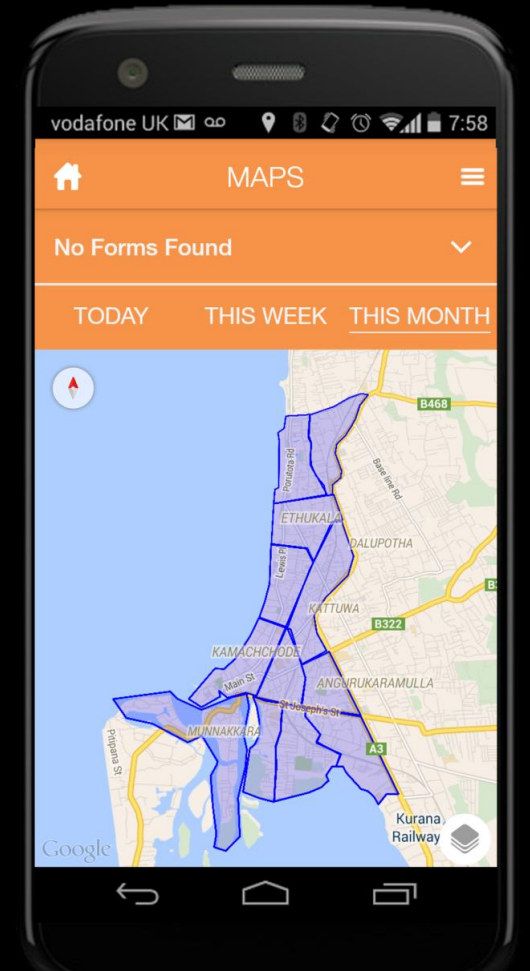




Instruction

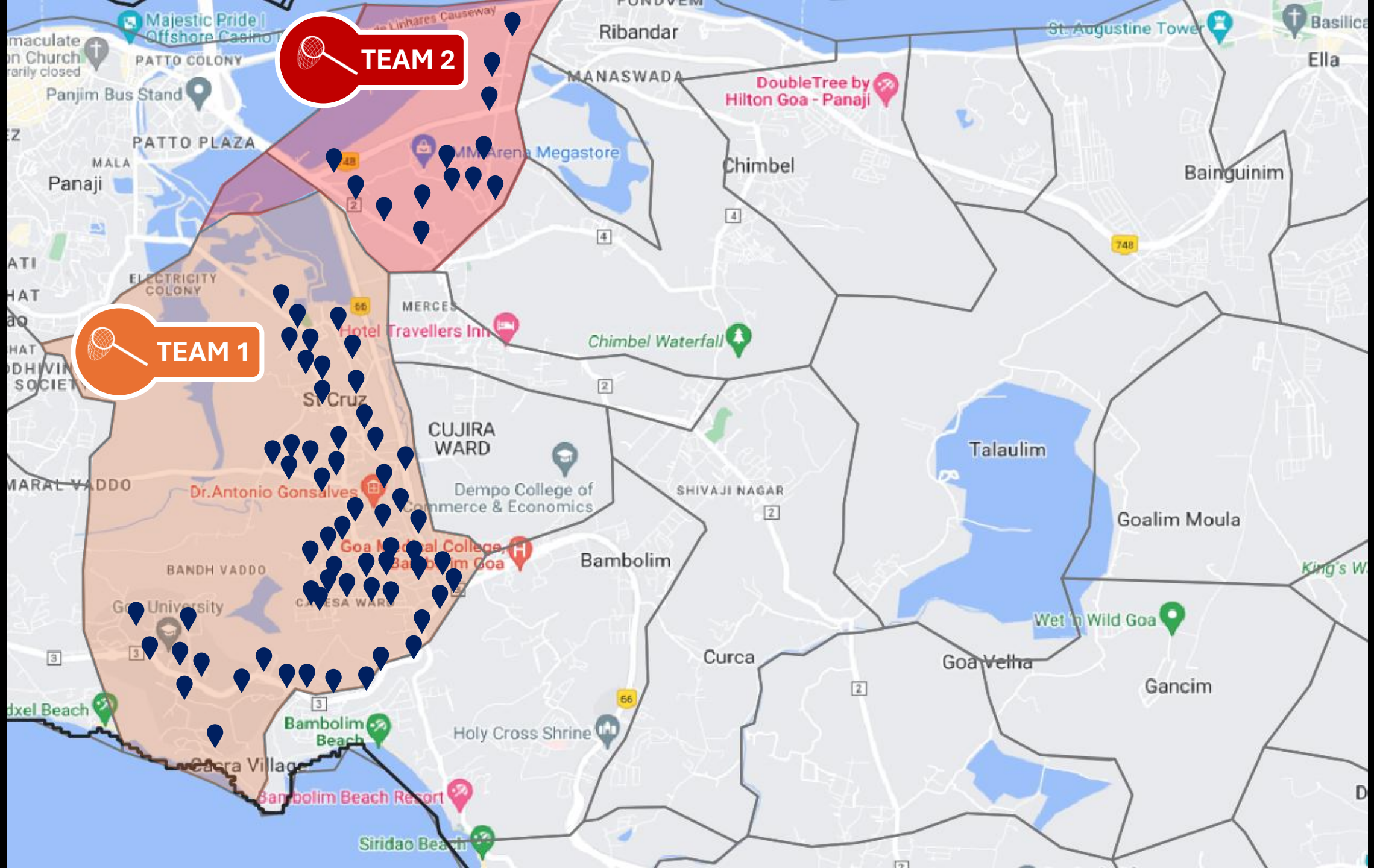


Activities

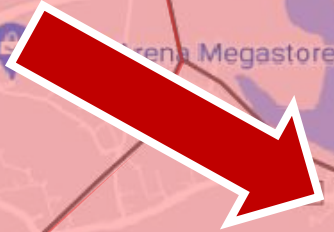


TEAM 2

TEAM 1

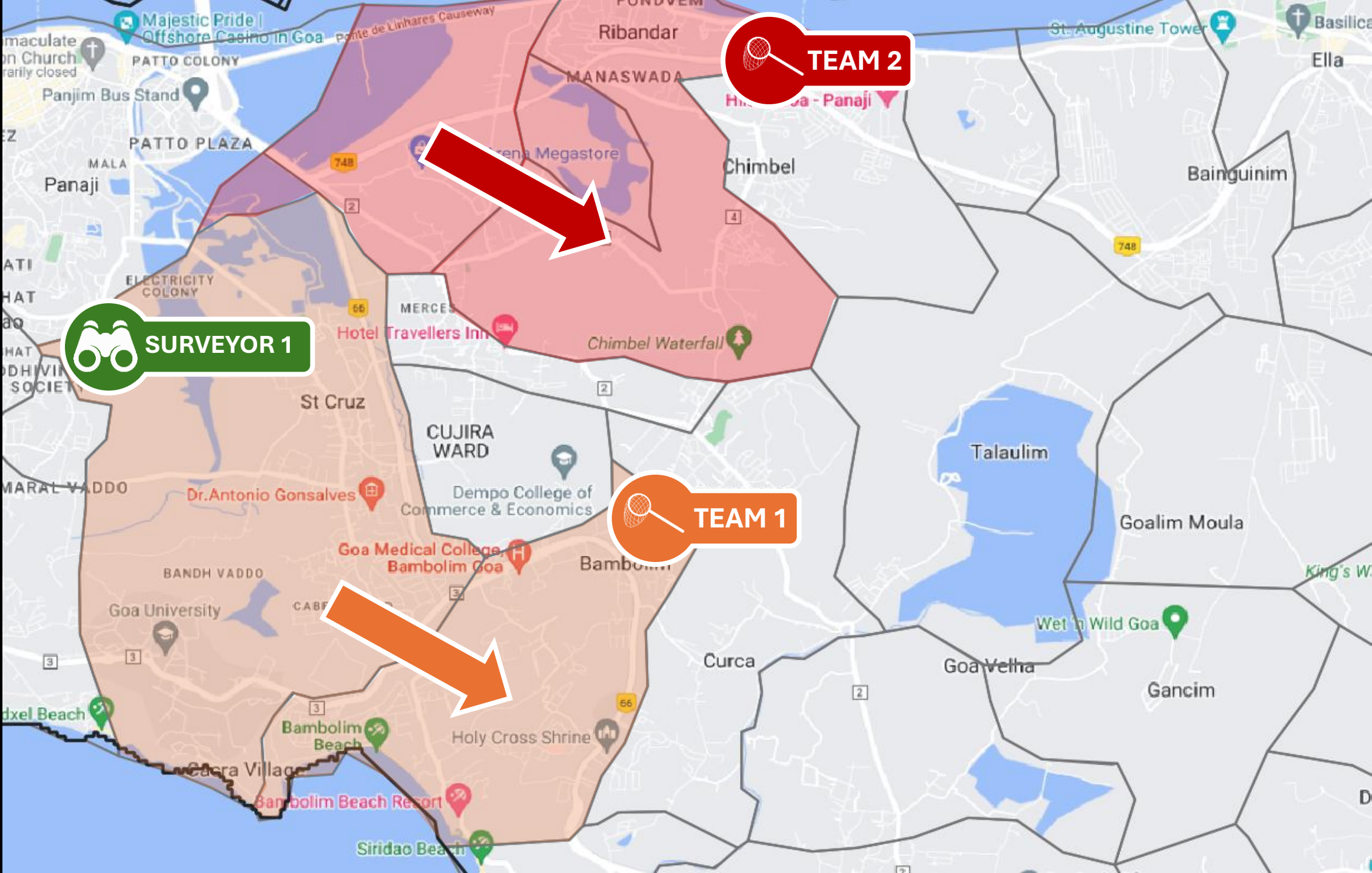
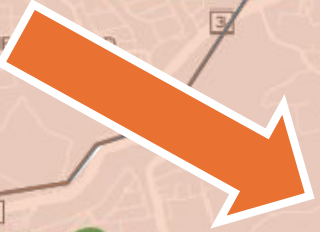


TEAM 2



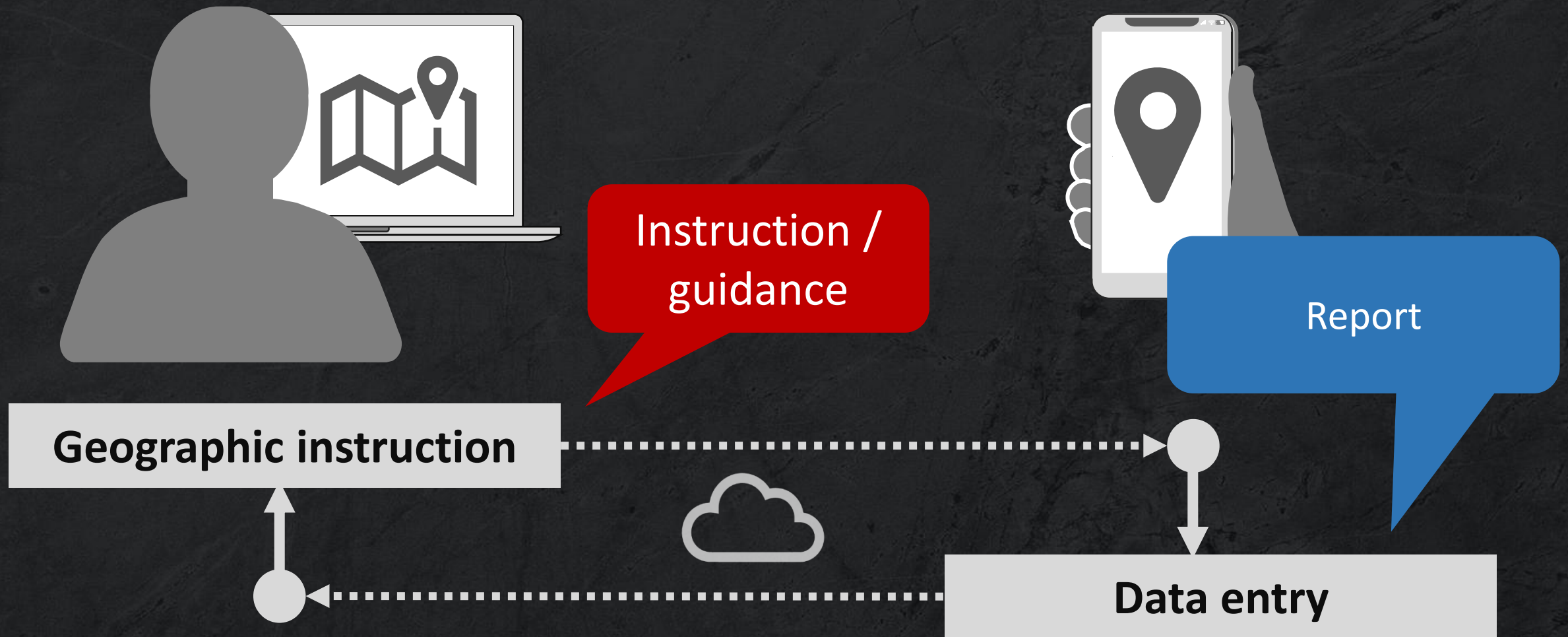
SURVEYOR 1

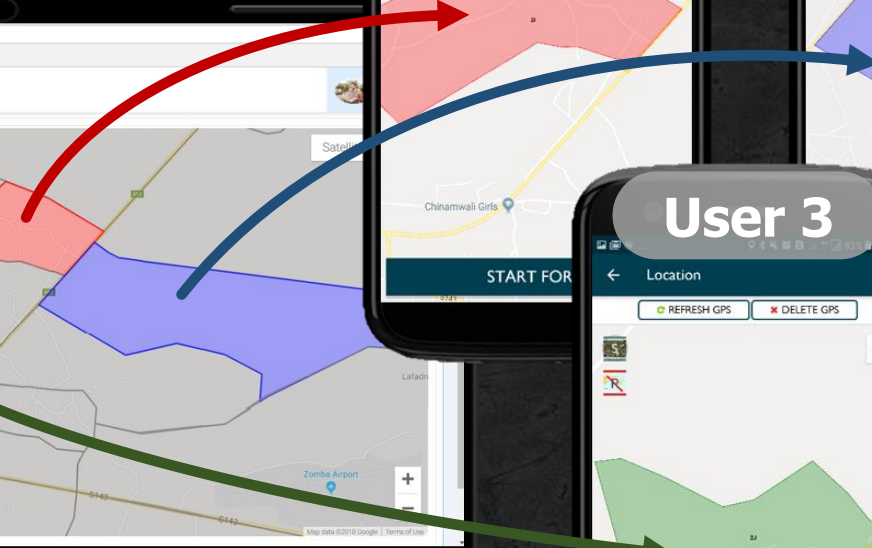
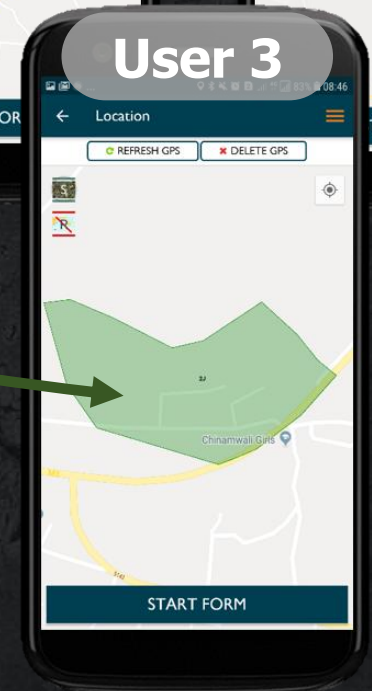
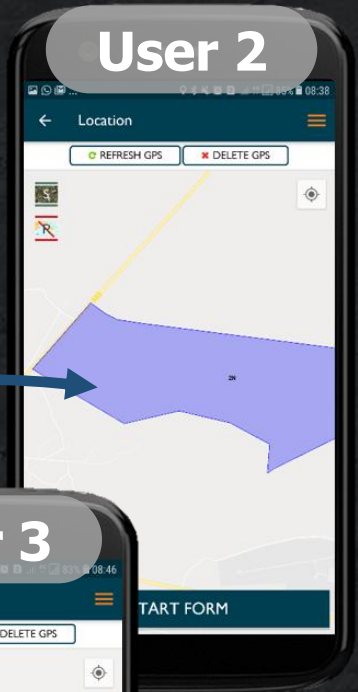
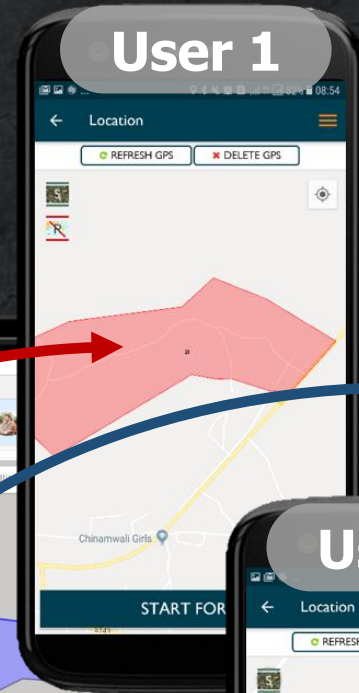
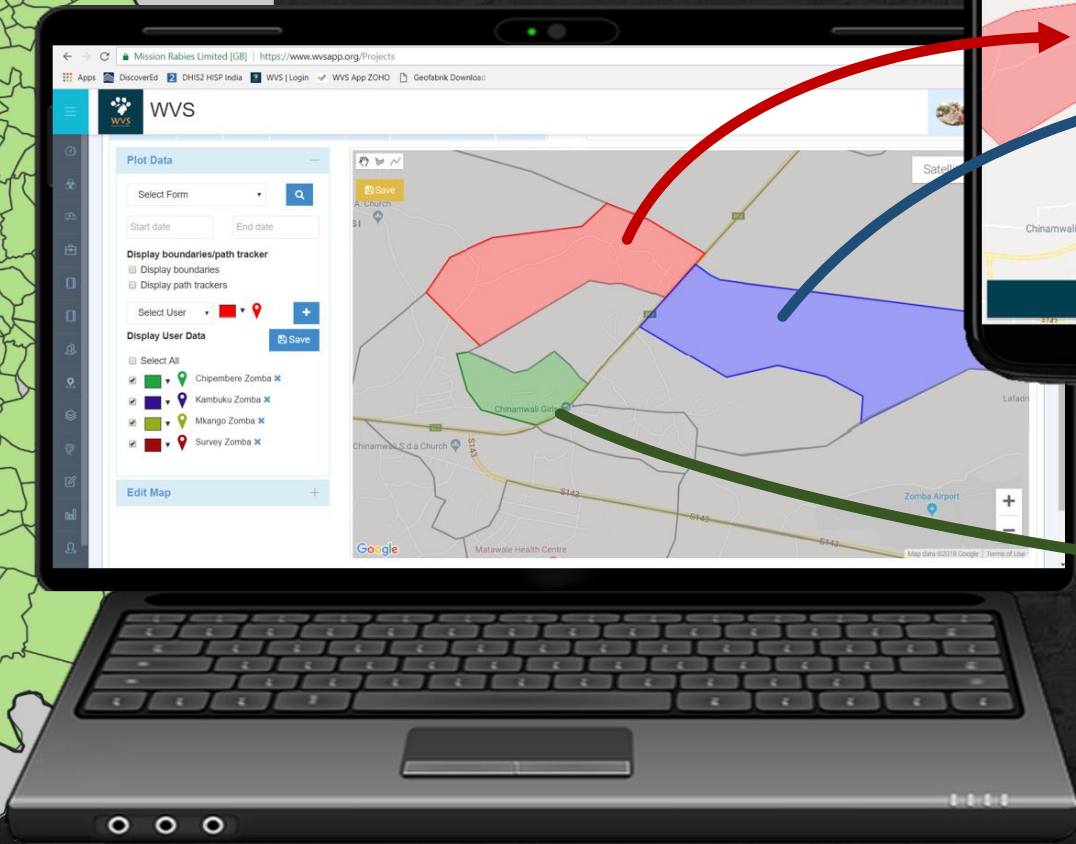
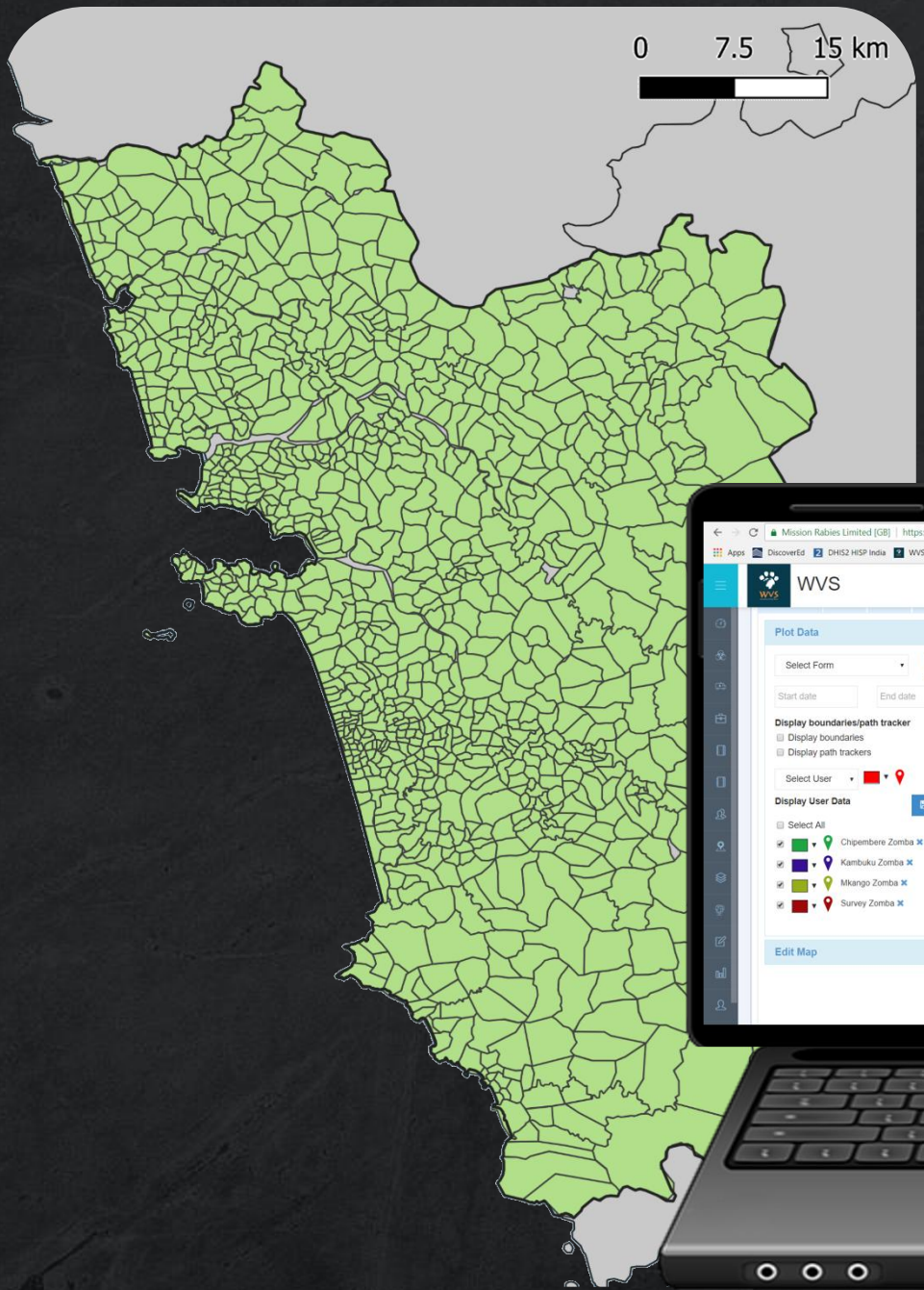
TEAM 1



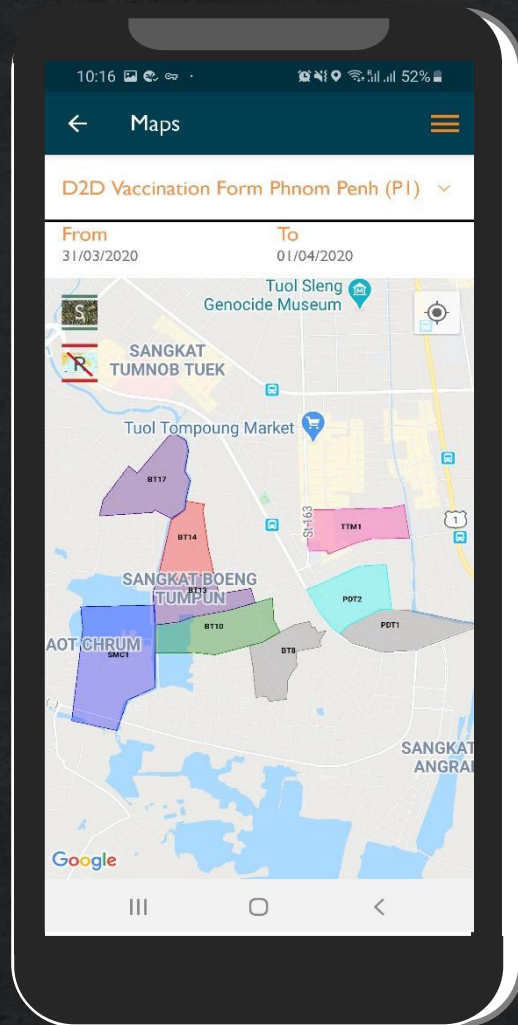
BACKEND

FRONTEND

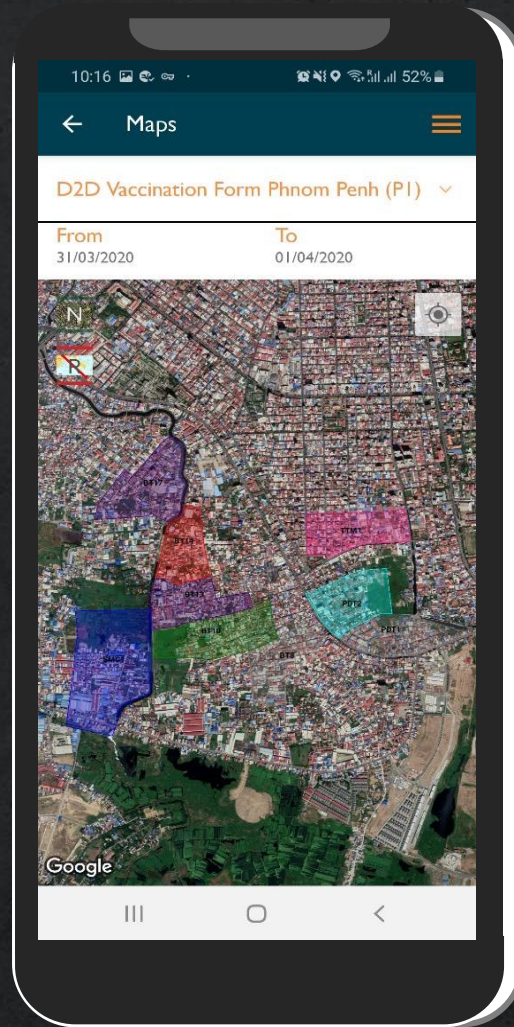
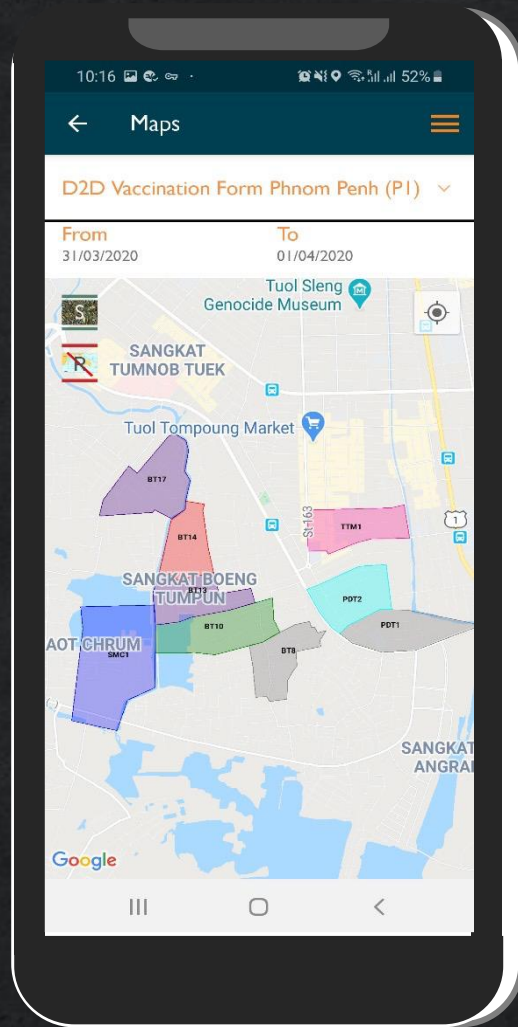




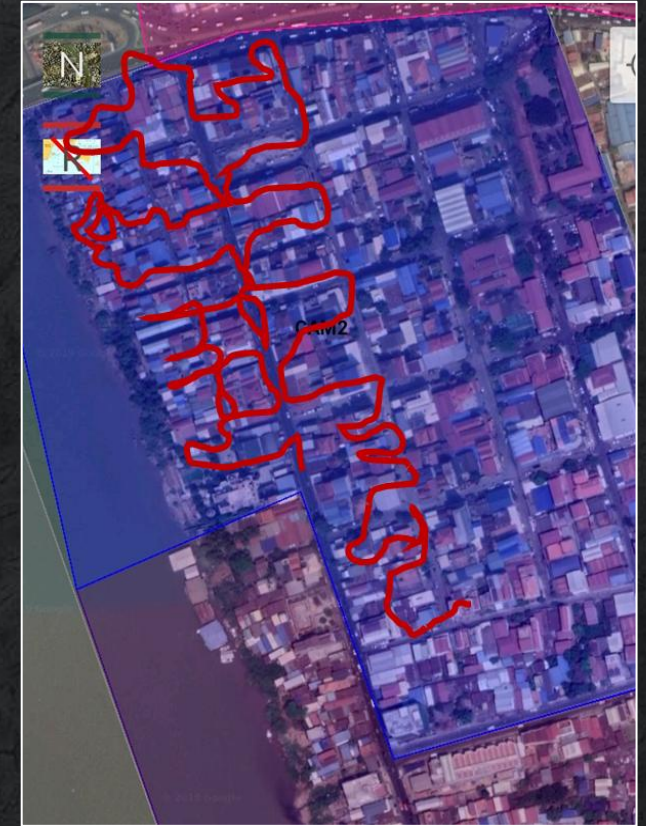
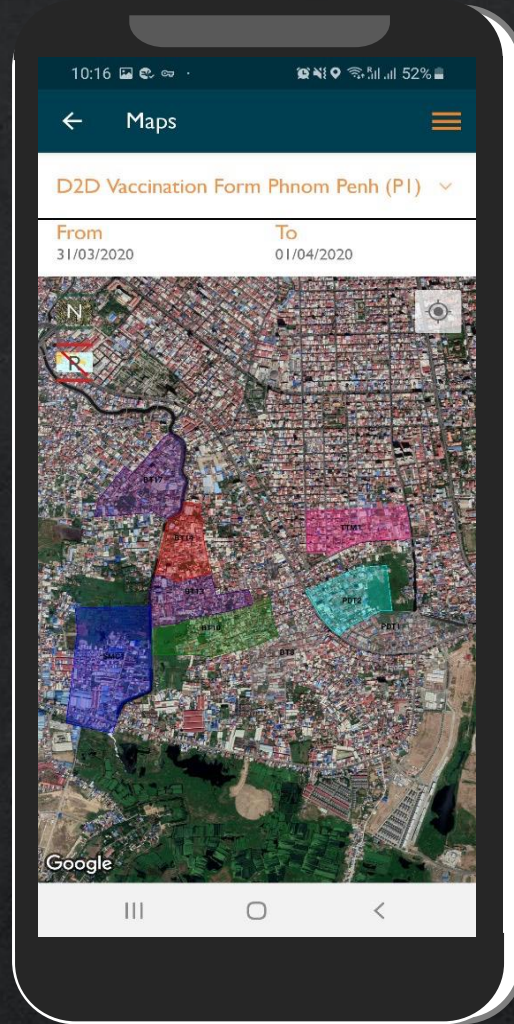
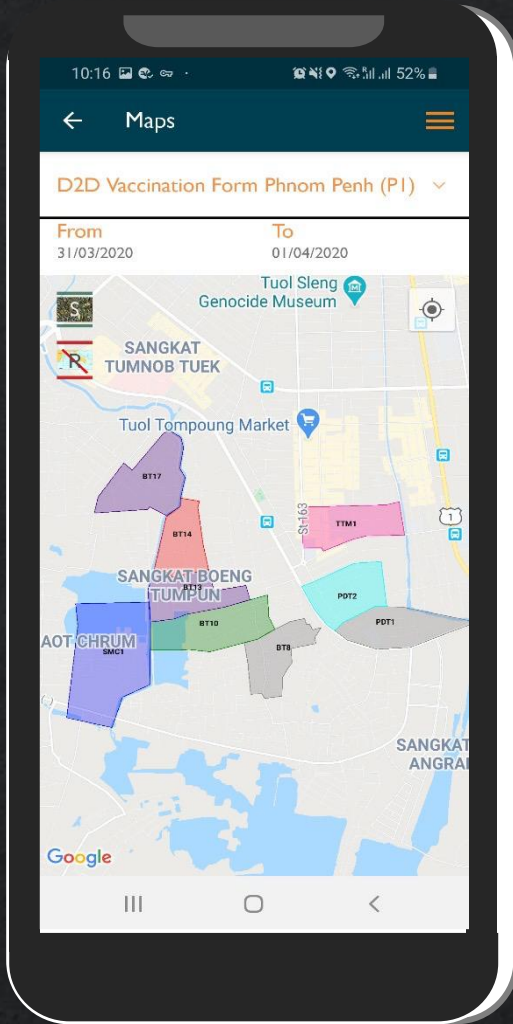
WVS APP ZONE MAPPING



WVS APP ZONE MAPPING



WVS APP ZONE MAPPING

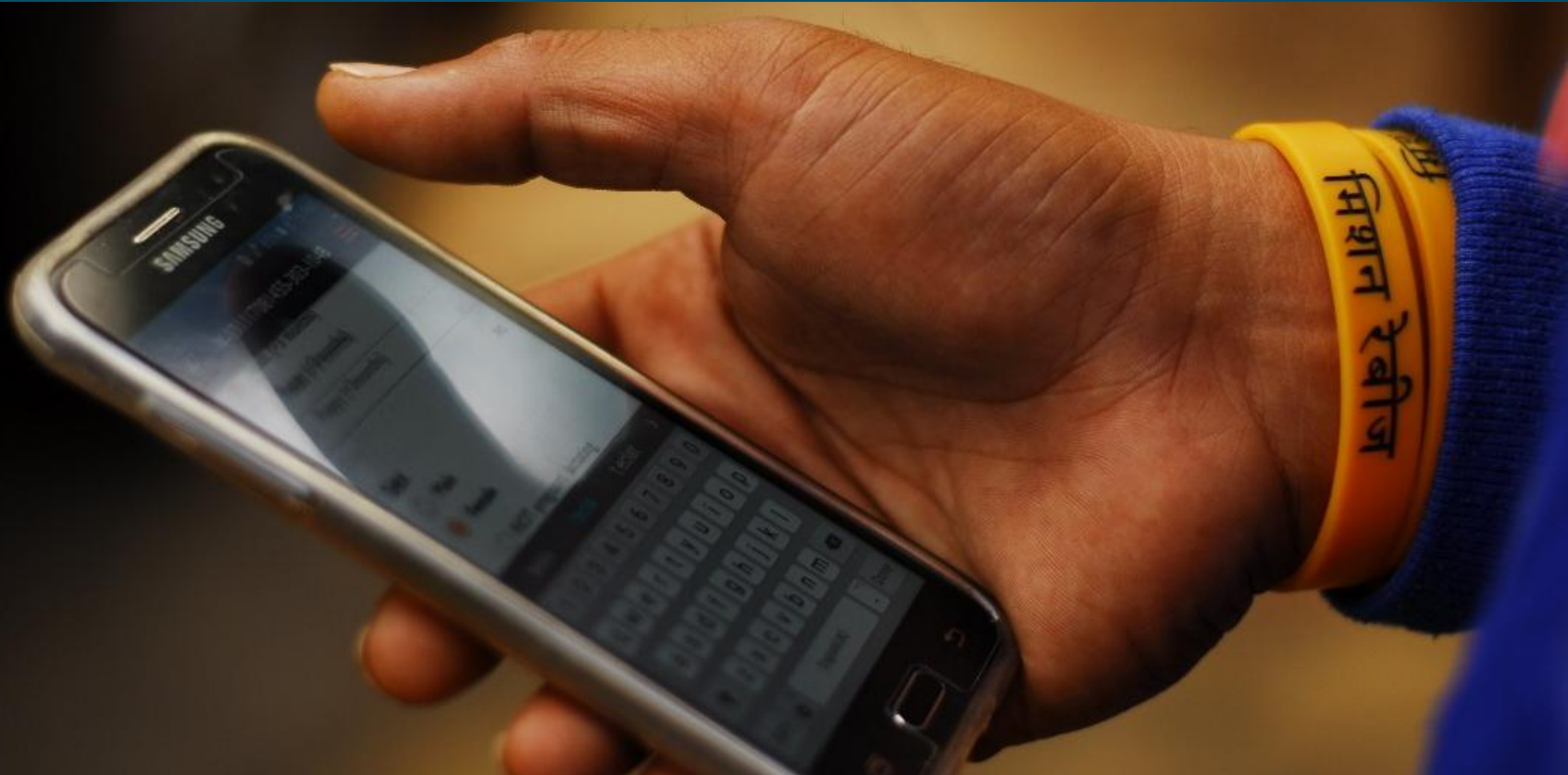


Pathtracker!

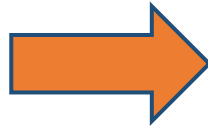
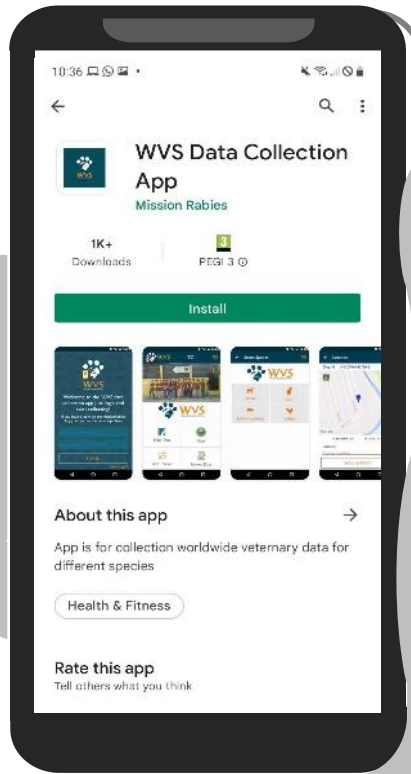
The WVS Data Collection App



Introduction: WVS App



WVS Data Collection App



✓ Available for iPhones and Androids

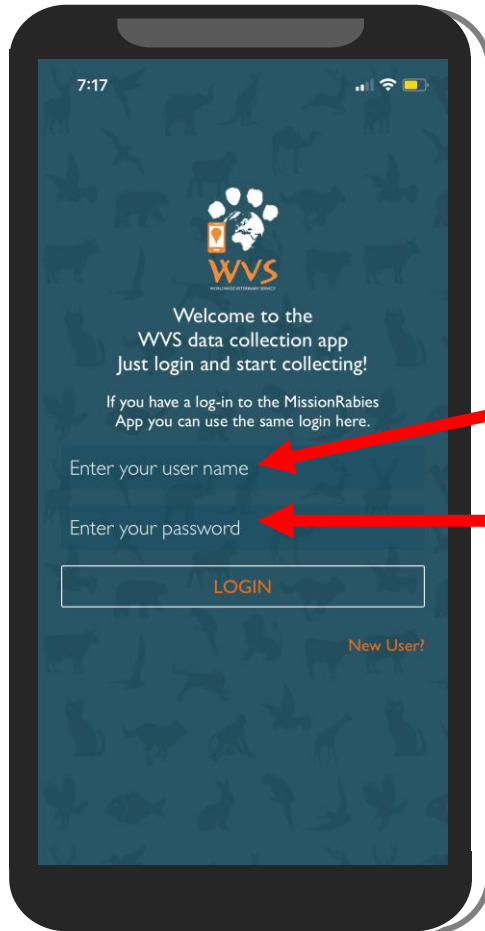


App Store



Google Play

WVS App: Login

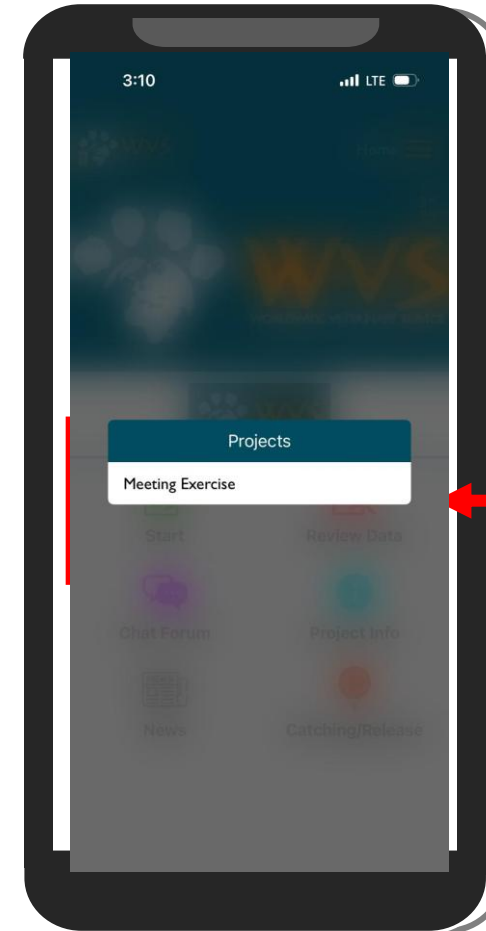


Username:

Password:

Test account ONLY

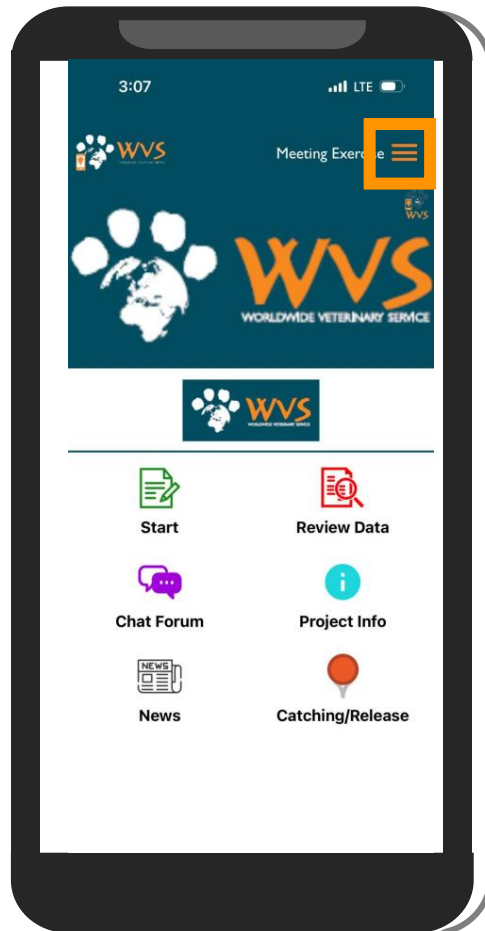
Use vaccination team
username for real data
entry.



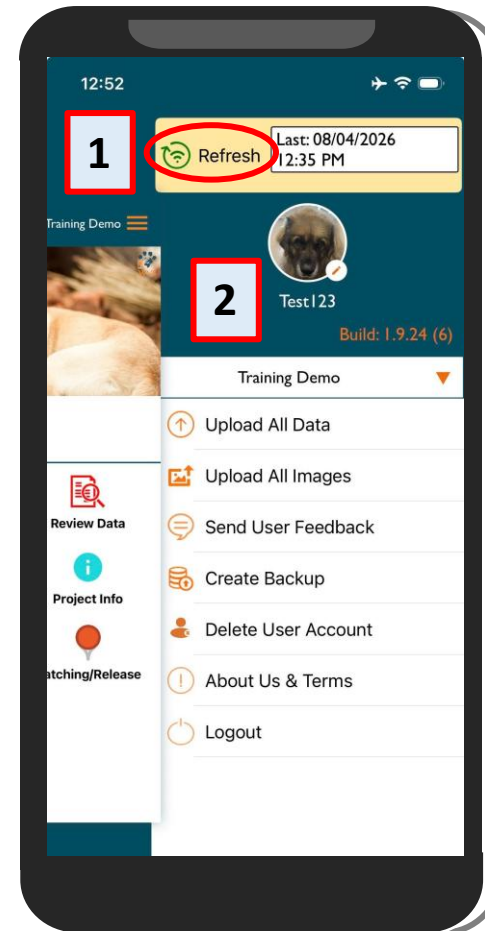
Select project:

***“Meeting
Exercise”***

WVS App: Side Menu



Home Page



Side Menu




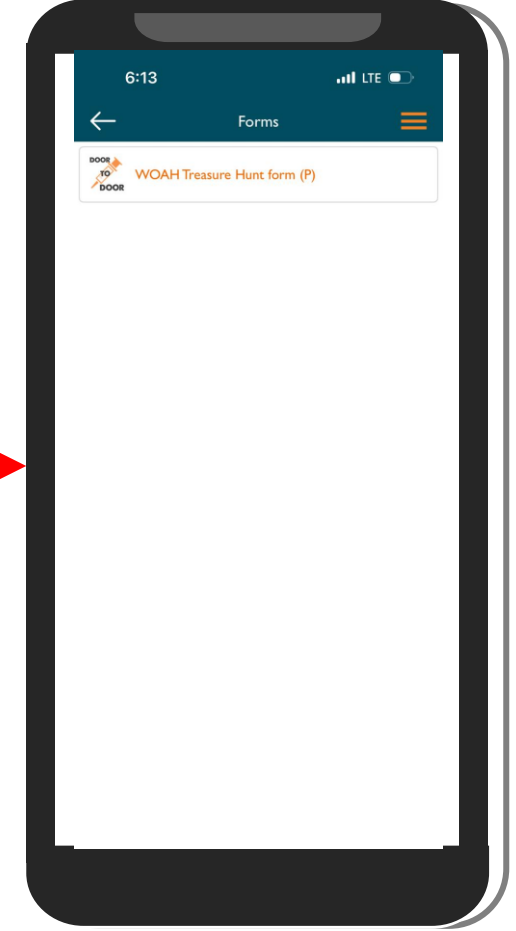
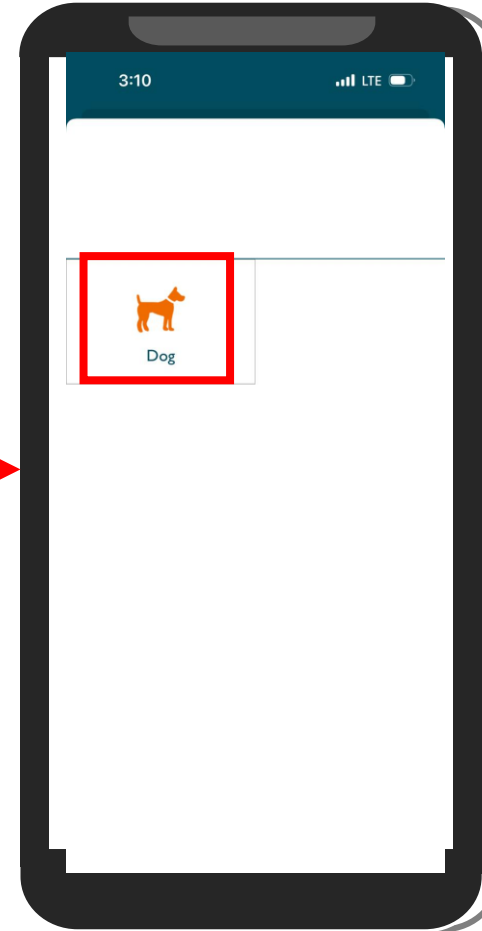
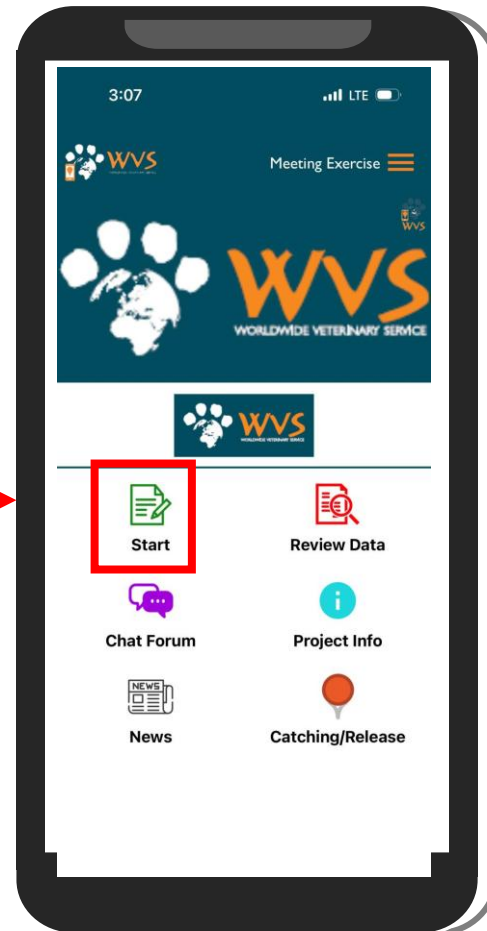
STEP 1: Refresh App at the start of every day. The date box indicates when last refreshed.

Username

STEP 2: Ensure logged in using the correct username

WVS App: Home Page

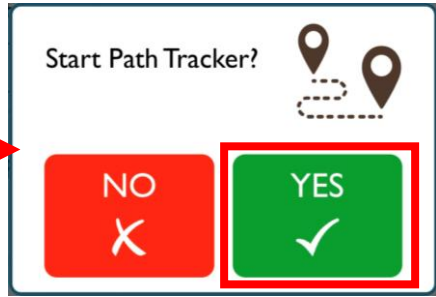
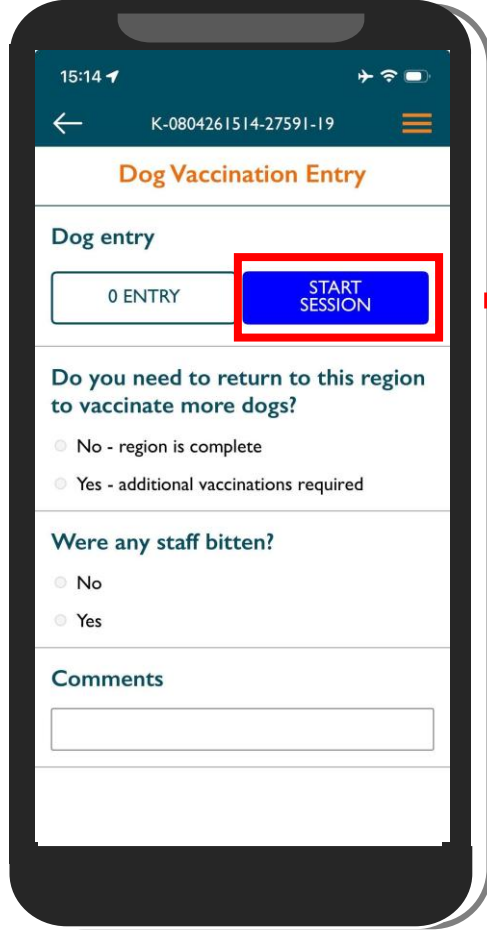
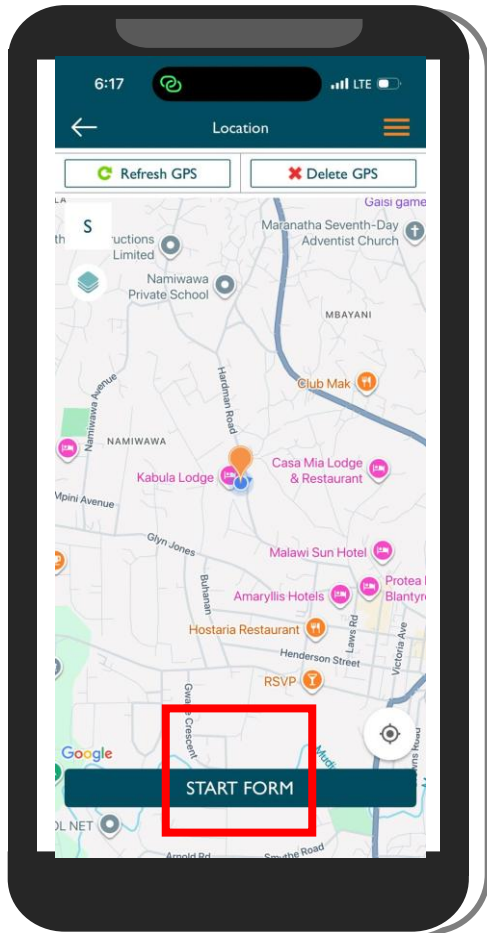
 **START**
Click here for
vaccination forms



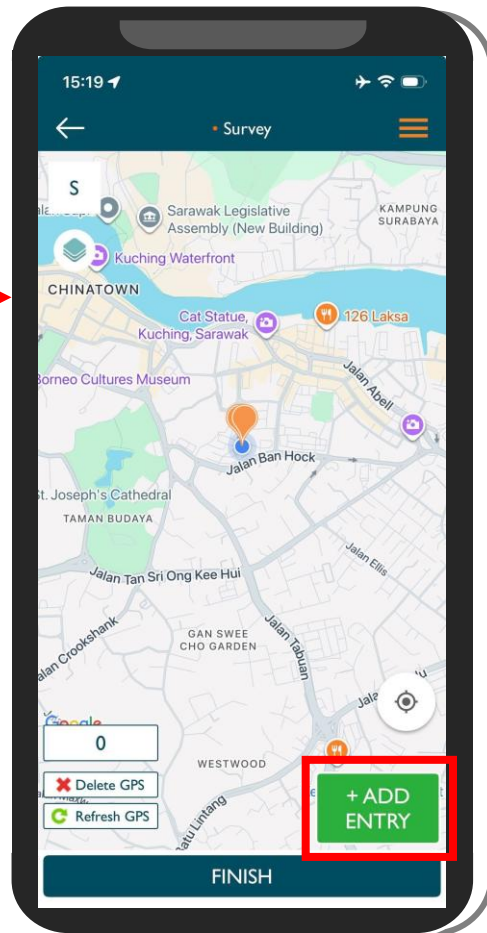
1 Treasure Hunt



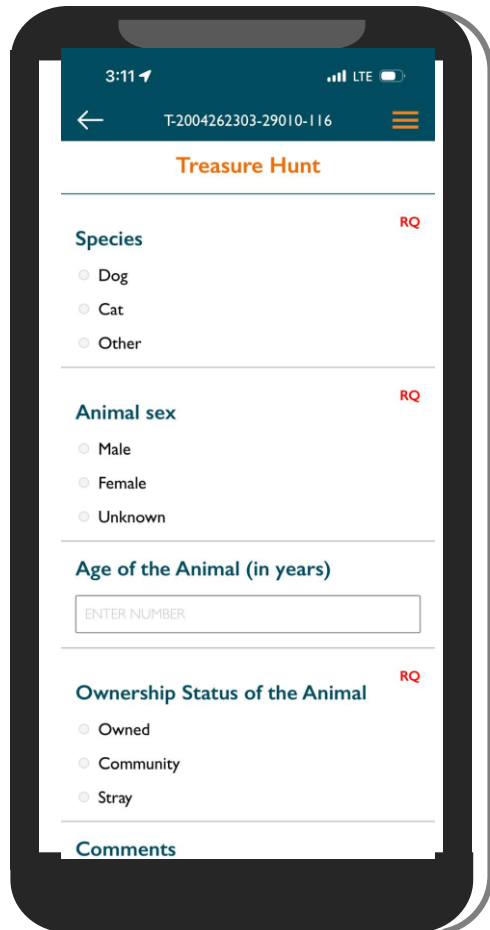
ADD ENTRY: Click to record data for **each animal** vaccinated



Tracks your path.
Important for H2H,
not CP.



1 Treasure Hunt



3:11 T-2004262303-29010-116

Treasure Hunt

Species RQ

- Dog
- Cat
- Other

Animal sex RQ

- Male
- Female
- Unknown

Age of the Animal (in years)

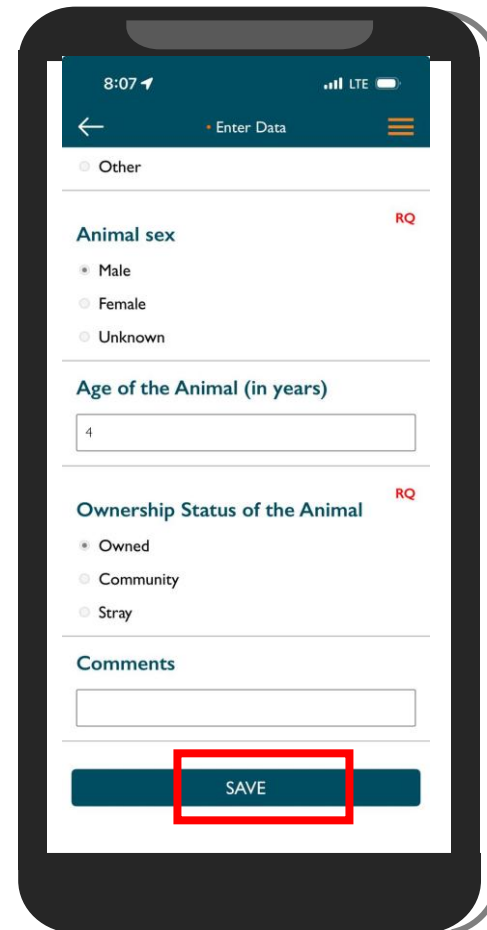
ENTER NUMBER

Ownership Status of the Animal RQ

- Owned
- Community
- Stray

Comments

- Complete form for every dog that is encountered
- Save form
- Repeat until you're done!



8:07 Enter Data

Other

Animal sex RQ

- Male
- Female
- Unknown

Age of the Animal (in years)

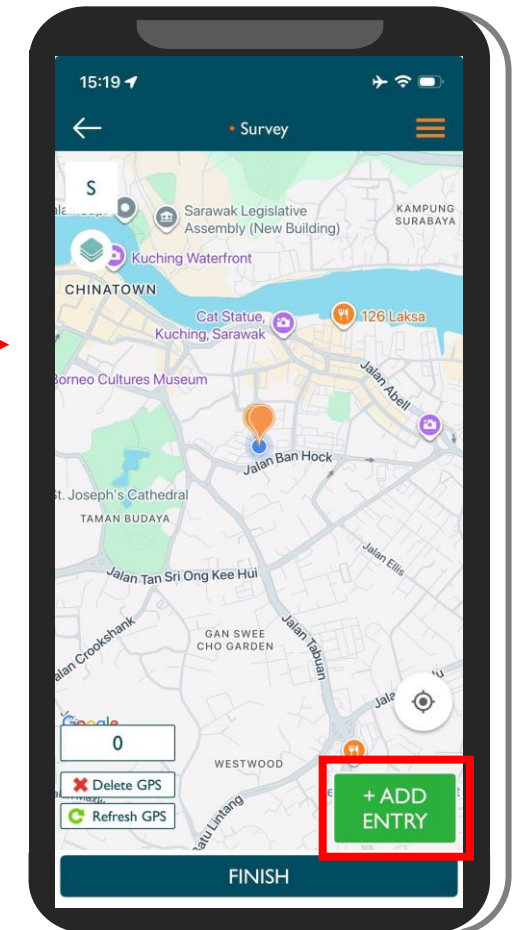
4

Ownership Status of the Animal RQ

- Owned
- Community
- Stray

Comments

SAVE



15:19 Survey

Sarawak Legislative Assembly (New Building) KAMPUNG SURABAYA

Kuching Waterfront

CHINATOWN

Cat Statue, Kuching, Sarawak

126 Laksa

Jalan Abell

Jalan Ban Hock

Jalan Tan Sri Ong Kee Hui

Jalan Ellis

Jalan Crookshank

TAMAN BUDAYA

GAN SWEE CHO GARDEN

Jalan Tabuan

WESTWOOD

Jalan Limang

0

Delete GPS

Refresh GPS

+ ADD ENTRY

FINISH

1 Treasure Hunt



5x animals

Treasure Hunt

Species RQ

- Dog
- Cat
- Other

Animal sex RQ

- Male
- Female
- Unknown

Age of the Animal (in years)

ENTER NUMBER

Ownership Status of the Animal RQ

- Owned
- Community
- Stray

Comments

MCDONUGH-ADAMS-KINGS

5

Delete GPS

Refresh GPS

+ ADD ENTRY

FINISH

WARNING

Finish Session?

NO

YES

K-0804261620-27591-0

Dog Vaccination Entry

5 ENTRIES

START SESSION

#	age	owner_status	Delete?
1	Juvenile (4-11 months)	Owner iden...	<input type="checkbox"/>
2	Adult (over 1 year)	Semi owned...	<input type="checkbox"/>
3	Adult (over 1 year)	Owner iden...	<input type="checkbox"/>
4	Adult (over 1 year)	Owner iden...	<input type="checkbox"/>
5	Adult (over 1 year)	Owner iden...	<input type="checkbox"/>

Do you need to return to this region to vaccinate more dogs?

- No - region is complete
- Yes - additional vaccinations required

Click to resume

Delete data entry

K-0804261620-27591-0

4 Adult (over 1 year) Owner iden...

5 Adult (over 1 year) Owner iden...

Do you need to return to this region to vaccinate more dogs?

WHAT NEXT?

- NEW ENTRY - same species
- NEW ENTRY - different species
- Home Screen
- CONFIRM

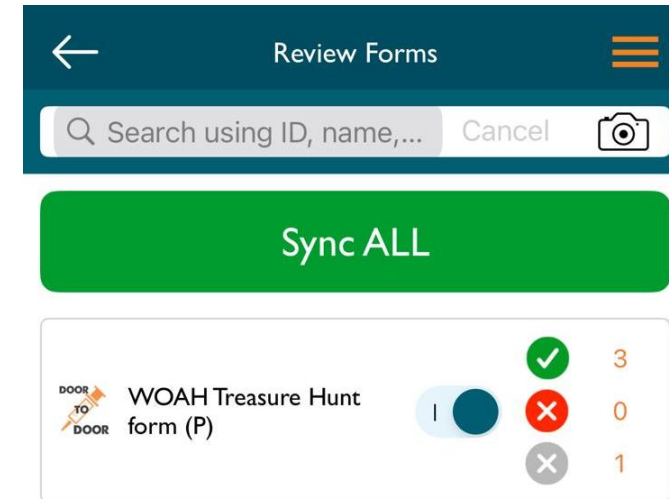
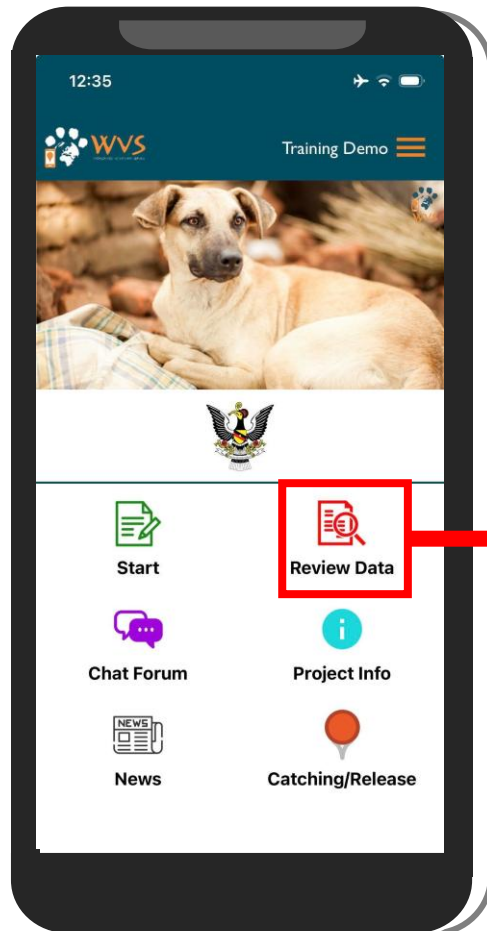
Number of staff bitten RQ

8

Comments

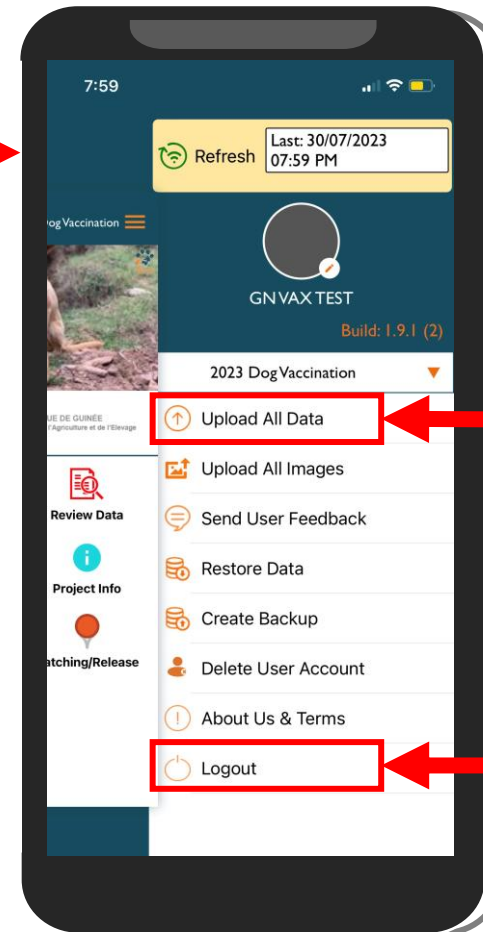
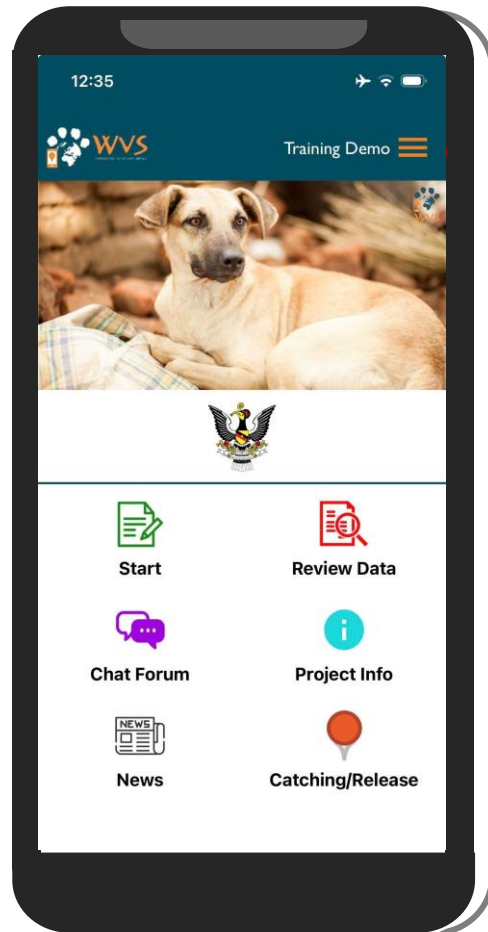
SAVE

WVS App: Home Page



Can sync all entered data here

WVS App: Home Page



Shortcut to
upload/sync data

Logout to change user

Overview

- **Refresh** App at beginning of every day
- Complete **1 form** per day for each team
- You do not need to have internet connection to collect data
- **Upload/sync data** at the end of each day



Refresh App



Upload data



Upload photos

Questions?

Thank you!

