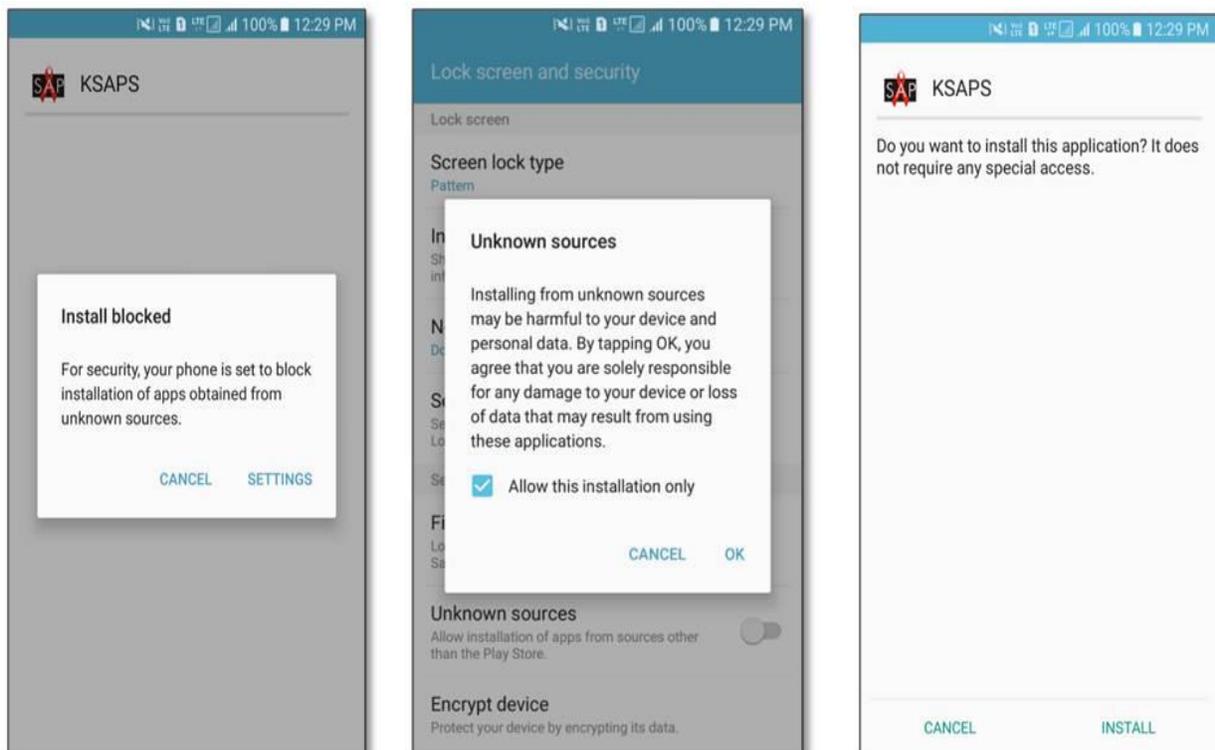


KSAPS Data Collector Android Mobile Application

The KSAPS Data Collector mobile application is an android application developed for department of KSAPS to collect asset features of the department both in offline and online mode. A description of the mobile application is given below to make its use easier.

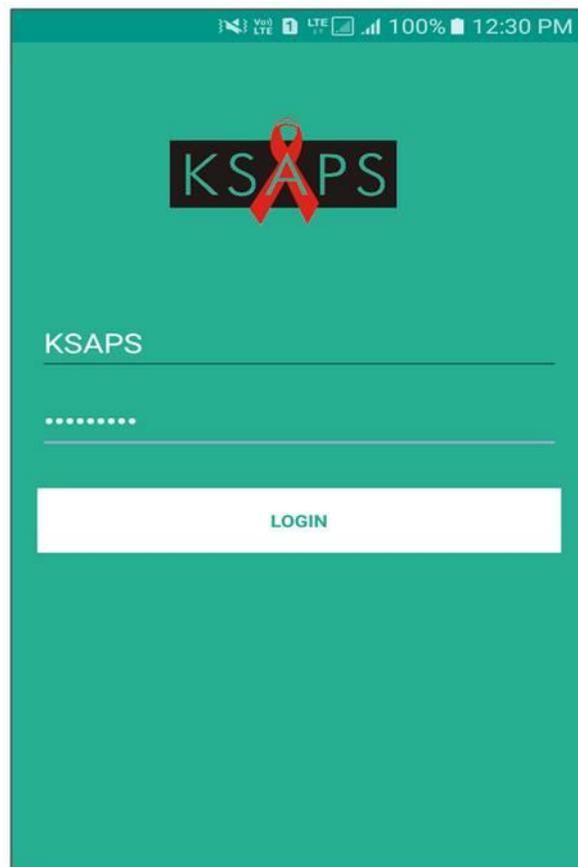
Enable the unknown Sources Option:

If the mobile device is not ready to install third party application, the user has to enable the unknown sources option from his device settings. Then the user will be able to install the application on his device.



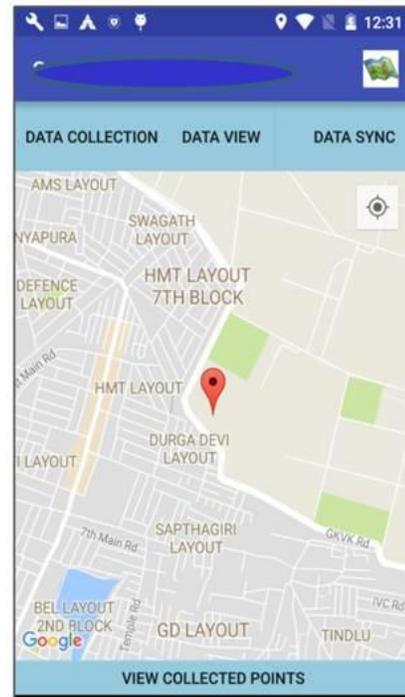
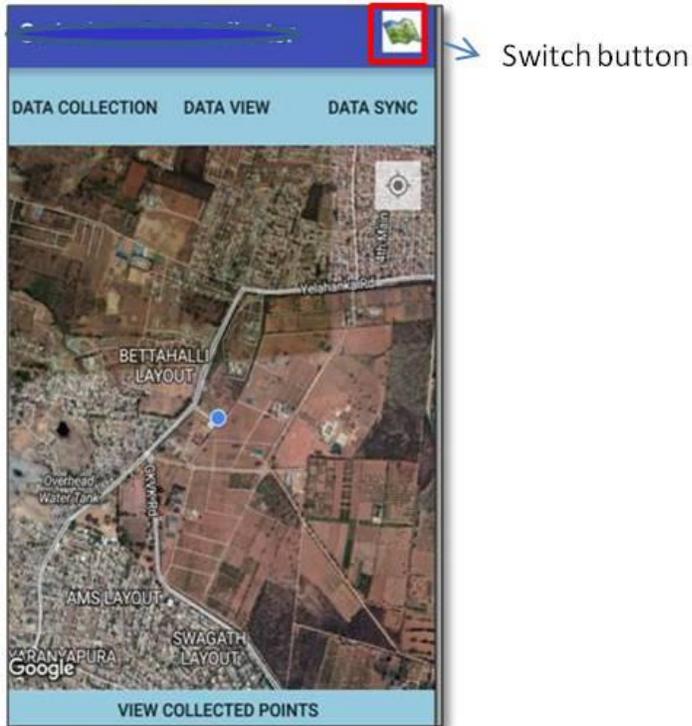
Login System for User

The user logs into the system by entering prefixed username and password in the text input fields provided, and then select the login button on successful login, Users are presented with set location on map page.



Switch Map

The user can also switch the display between the map and Satellite image for clarity by clicking on the small switch button provided on top-right side of the map.



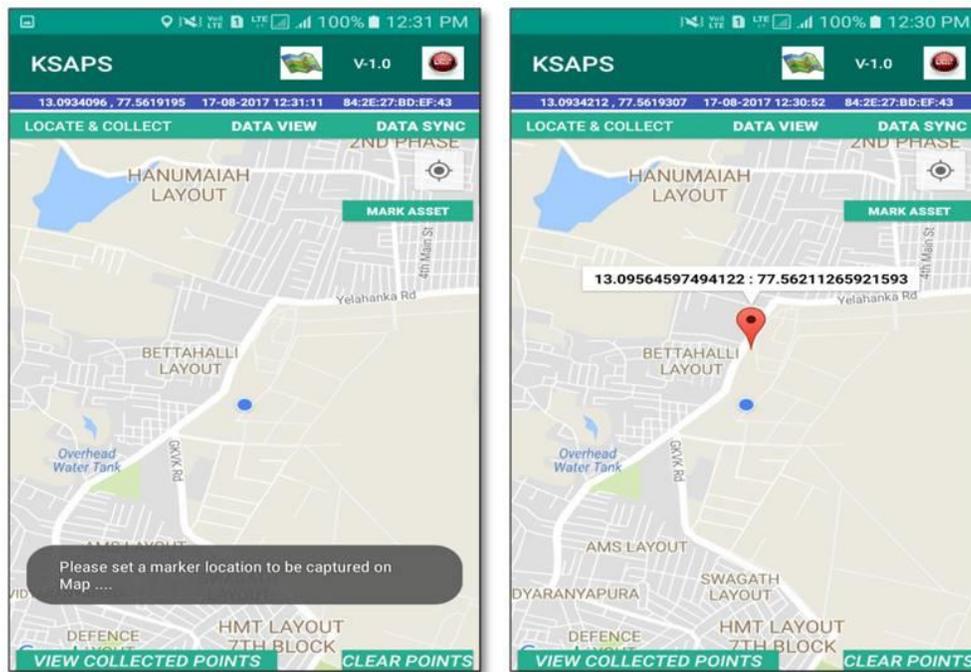
Features of Application

From this display page user can select any of the following options

1. Locate & Collect
2. Data View
3. Data Sync

Locate & Collect Button (Online)

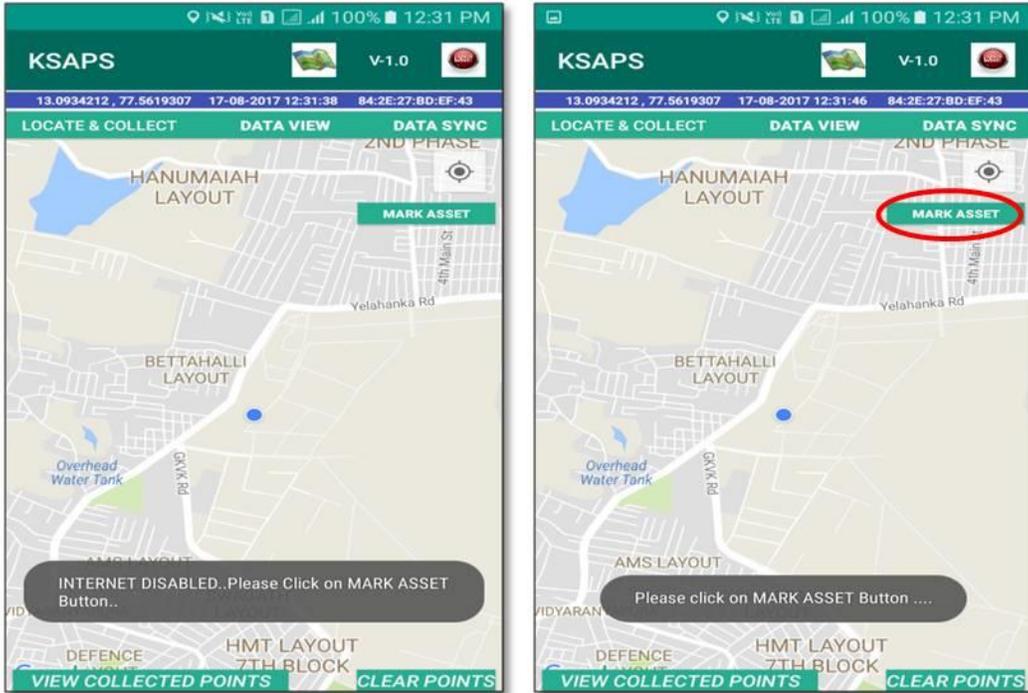
The pointer will show the current location using GPRS. The user has to set the marker by clicking on the assets location then the latitude and longitude will be displayed along with location GPRS and the asset. If the user does not select a point on map for which the data has to be collected before clicking on Data Collection, he will be notified to set a location on the map as shown in the picture.



Locate & Collect Button (Offline)

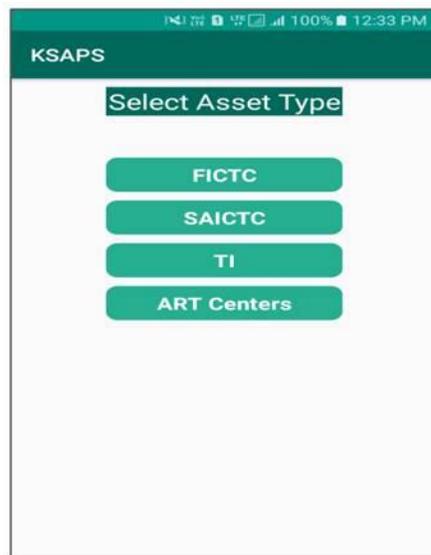
The user has clicks on "MARK ASSET" Button for which he wants to collect data or else a notification will be shown as below saying that "Please click on MARK ASSET Button"

If user directly clicks on Locate & Collect Button a notification will be shown Saying that "INTERNET DISABLED.Please Click on MARK ASSET Button"



Select Asset Type

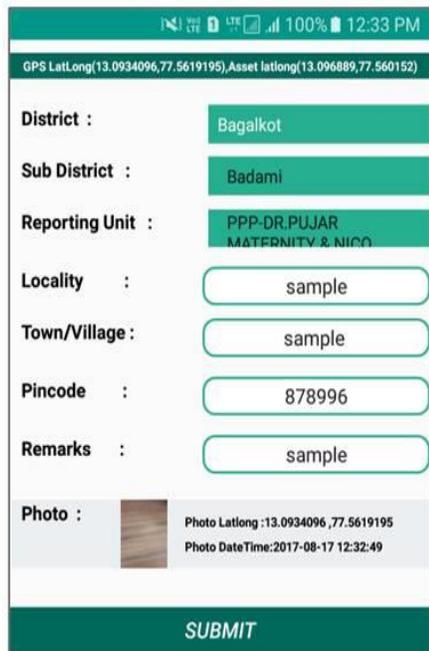
The following page will be displayed when user clicks on Locate and Collect tab, Then user will be directed to 'Select Asset Type' module through which the user can select the asset type to collect the data regarding FICTC, SAICTC, TI and ART Center.



Where user has to enter corresponding data.

The user has to capture a photograph which is mandatory and save the data entered to his device's local memory using the Submit button.

1. FICTC



GPS LatLong(13.0934096,77.5619195),Asset latlong(13.096889,77.560152)

District : Bagalkot

Sub District : Badami

Reporting Unit : PPP-DR.PUJAR MATERNITY & NICO

Locality : sample

Town/Village : sample

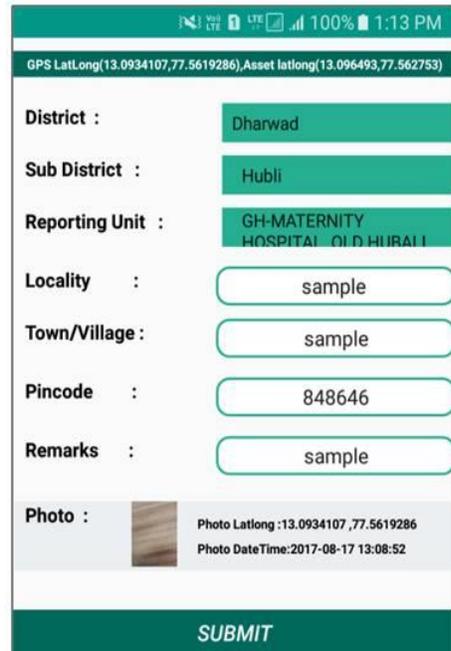
Pincode : 878996

Remarks : sample

Photo :  Photo Latlong :13.0934096 ,77.5619195
Photo DateTime:2017-08-17 12:32:49

SUBMIT

2.SAICTC



GPS LatLong(13.0934107,77.5619286),Asset latlong(13.096493,77.562753)

District : Dharwad

Sub District : Hubli

Reporting Unit : GH-MATERNITY HOSPITAL OLD HIRALI

Locality : sample

Town/Village : sample

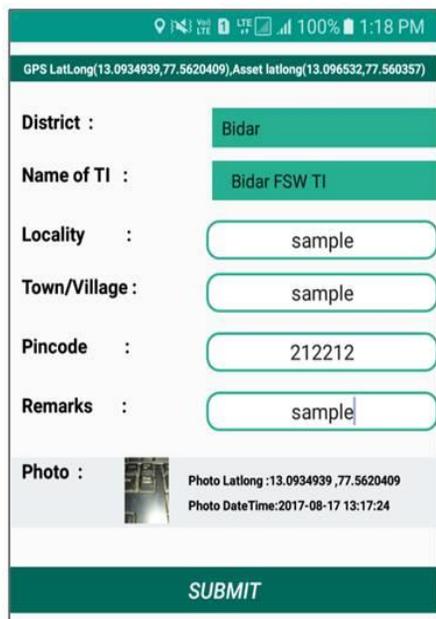
Pincode : 848646

Remarks : sample

Photo :  Photo Latlong :13.0934107 ,77.5619286
Photo DateTime:2017-08-17 13:08:52

SUBMIT

3. TI



GPS LatLong(13.0934939,77.5620409),Asset latlong(13.096532,77.560357)

District : Bidar

Name of TI : Bidar FSW TI

Locality : sample

Town/Village : sample

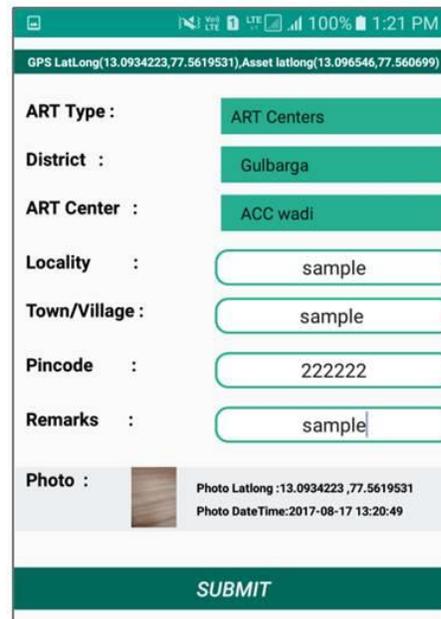
Pincode : 212212

Remarks : sample

Photo :  Photo Latlong :13.0934939 ,77.5620409
Photo DateTime:2017-08-17 13:17:24

SUBMIT

4.ART Center



GPS LatLong(13.0934223,77.5619531),Asset latlong(13.096546,77.560699)

ART Type : ART Centers

District : Gulbarga

ART Center : ACC wadi

Locality : sample

Town/Village : sample

Pincode : 222222

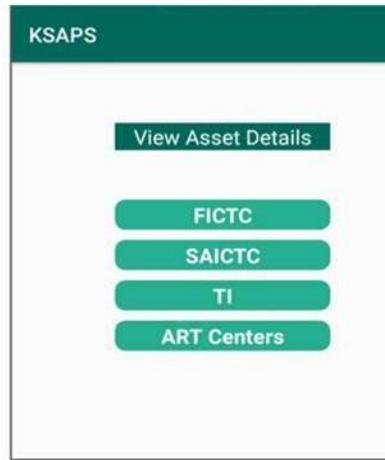
Remarks : sample

Photo :  Photo Latlong :13.0934223 ,77.5619531
Photo DateTime:2017-08-17 13:20:49

SUBMIT

Data View

The data saved on the local memory can also be viewed using the option Data View. Here the user will be able to see one point at a time. There are buttons called "Previous", "Save Edits" and "Next" which will help the user to navigate to all the points captured.



1. FICTC



A screenshot of the KSAPS Asset Data Collection form for FICTC. The form has a dark green header with "KSAPS" and a sub-header "KSAPS Asset Data Collection". The form contains the following fields:

ID :	1
District :	Bagalkot
Sub District :	Badami
Reporting Unit :	PPP-DR.PUJAR MATERNITY & NICO HOSPITAL
GPS LatLong :	13.0934096N , 77.5619195E
Asset Latlong :	13.096889N , 77.560152E
Locality :	sample
Town/Village :	sample
Pincode :	878996
Remarks :	sample
Photo :	 Photo latlong :13.0934096N , 77.5619195E Photo DateTime :2017-08-17 12:32:49

At the bottom of the form, there are three buttons: "PREVS", "SAVE EDITS", and "NEXT".

2.SAICTC



A screenshot of the KSAPS Asset Data Collection form for SAICTC. The form has a dark green header with "KSAPS" and a sub-header "KSAPS Asset Data Collection". The form contains the following fields:

ID :	1
District :	Dharwad
Sub District :	Hubli
Reporting Unit :	GH-MATERNITY HOSPITAL OLD HUBALI
GPS LatLong :	13.0934096N , 77.5619195E
Asset Latlong :	13.098016N , 77.56133E
Locality :	sample
Town/Village :	sample
Pincode :	848646
Remarks :	sample
Photo :	 Photo latlong :13.0934096N , 77.5619195E Photo DateTime :2017-08-17 13:07:41

At the bottom of the form, there are three buttons: "PREVS", "SAVE EDITS", and "NEXT".

3. TI

KSAPS

KSAPS Asset Data Collection

ID : 1

District : Bidar

Name of TI : Bidar FSW TI

GPS LatLong : 13.0934939N , 77.5620409E

Asset LatLong : 13.096532N , 77.560357E

Locality : sample

Town/Village : sample

Pincode : 212212

Remarks : sample

Photo :  Photo latlong :13.0934939N , 77.5620409E
Photo DateTime :2017-08-17 13:17:24

PREVS SAVE EDITS NEXT

4. ART Center

KSAPS

KSAPS Asset Data Collection

ID : 1

ART Type : ART Centers

District : Gulbarga

ART Center : ACC wadi

GPS LatLong : 13.0934223N , 77.5619531E

Asset LatLong : 13.096546N , 77.560699E

Locality : sample

Town/Village : sample

Pincode : 222222

Remarks : sample

Photo :  Photo latlong :13.0934223N , 77.5619531E
Photo DateTime :2017-08-17 13:20:49

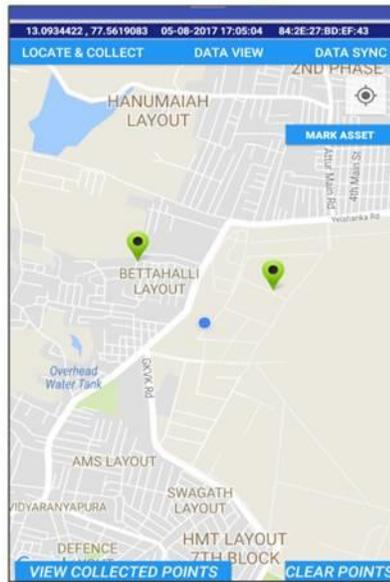
PREVS SAVE EDITS NEXT

In the Data View page all other fields like GPS Latitude Long, Asset Lat Longitude, the date and time of data capture are also visible.

The field Locality, Town/Village, Pin code, Remarks which was manually entered can be changed as per the requirement and changes are saved using “Save Edits” button.

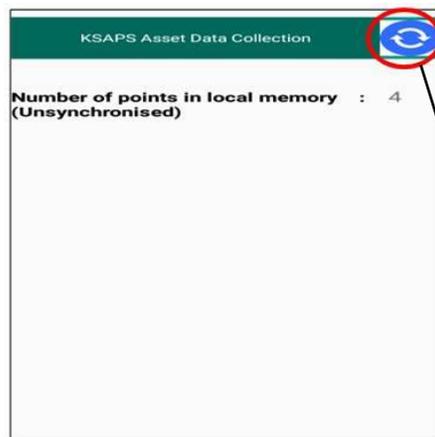
View Collected Points

The collected points can also be seen on map by clicking “View Collected Points Button” on the Map page. The points will be shown as green in color as shown below.



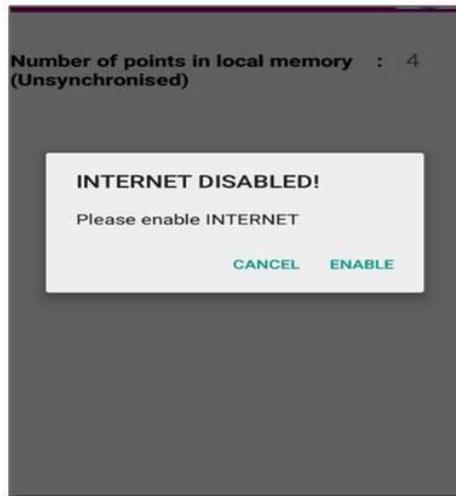
Data Sync

Once the data collection is completed and when the user gets internet connection he can synchronize the data to the online server using a “Data Sync” tab present on Map Window.



Sync Button

There is a sync button on the right top of the page. If internet is not enabled while synchronizing data, the user gets a notification to enable internet and is redirected to settings page if he selects enable option.

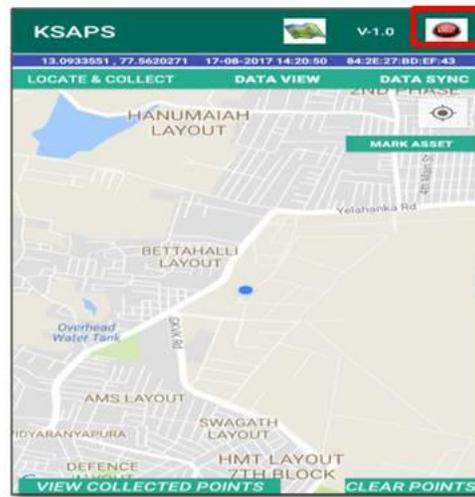


Once the data is synchronized to the server, user gets a notification "All points are synchronized to server successfully" and the User has to click on ok.



Logout

Exit from application by clicking on top-right side 'Logout' option and it redirects to login Page as shown below.



Logout button

Session Time out

After **1 Hour**, the app will be blocked by prompting "Your Application session timed Out.Please open the Application again" as shown below.

