Land Mapping

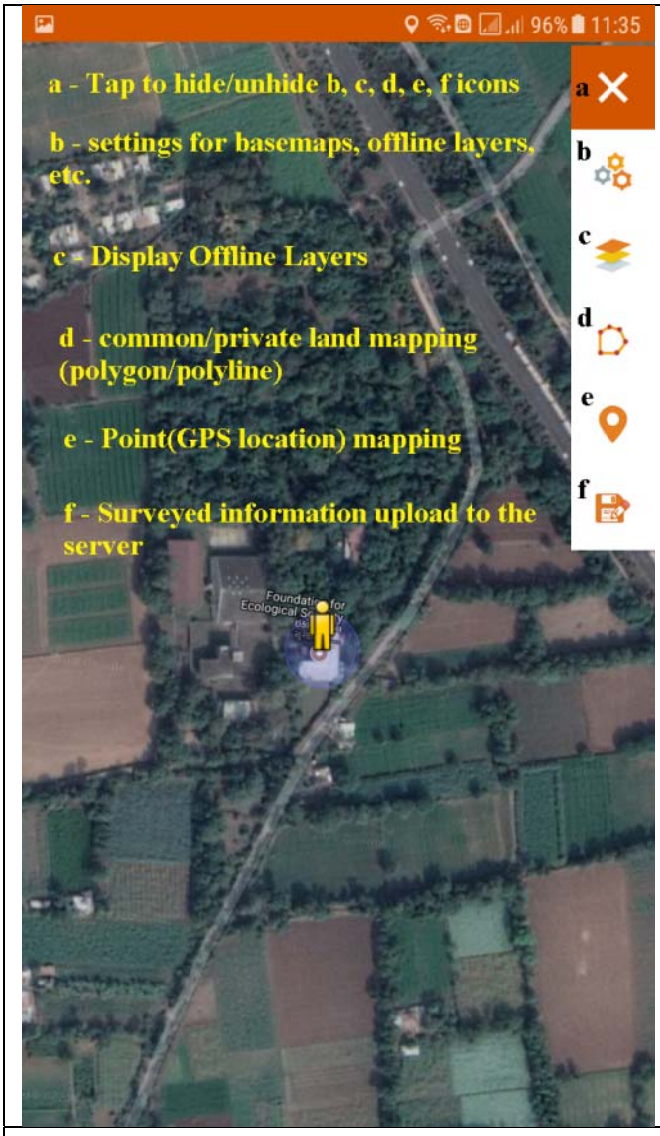
User Manual

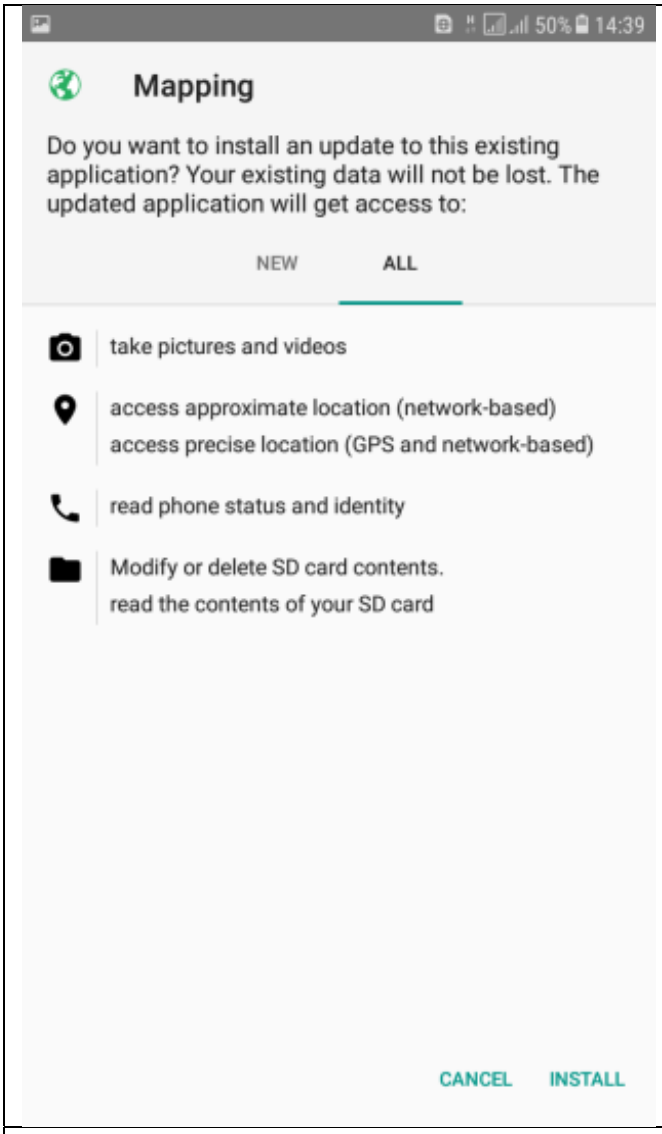
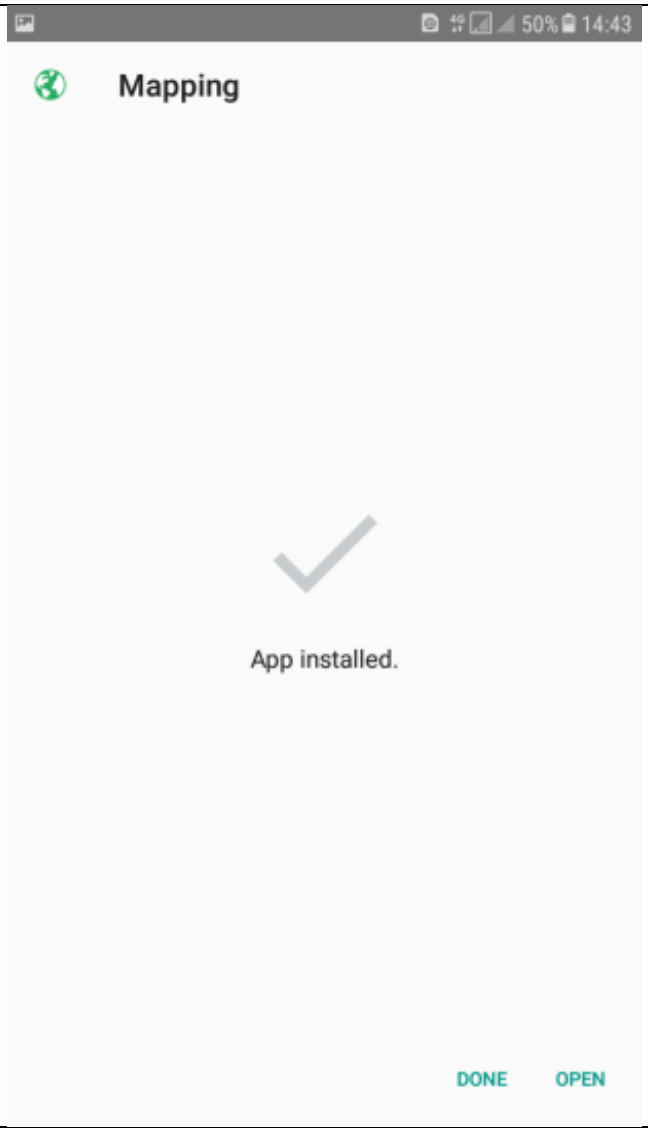
Prepared by:

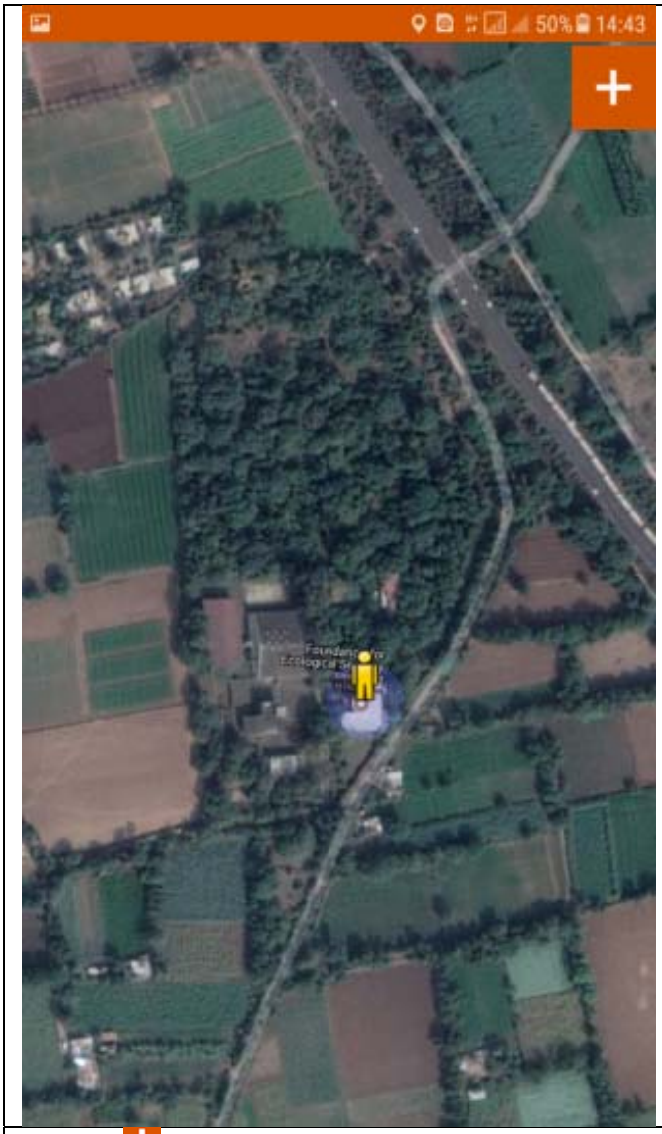
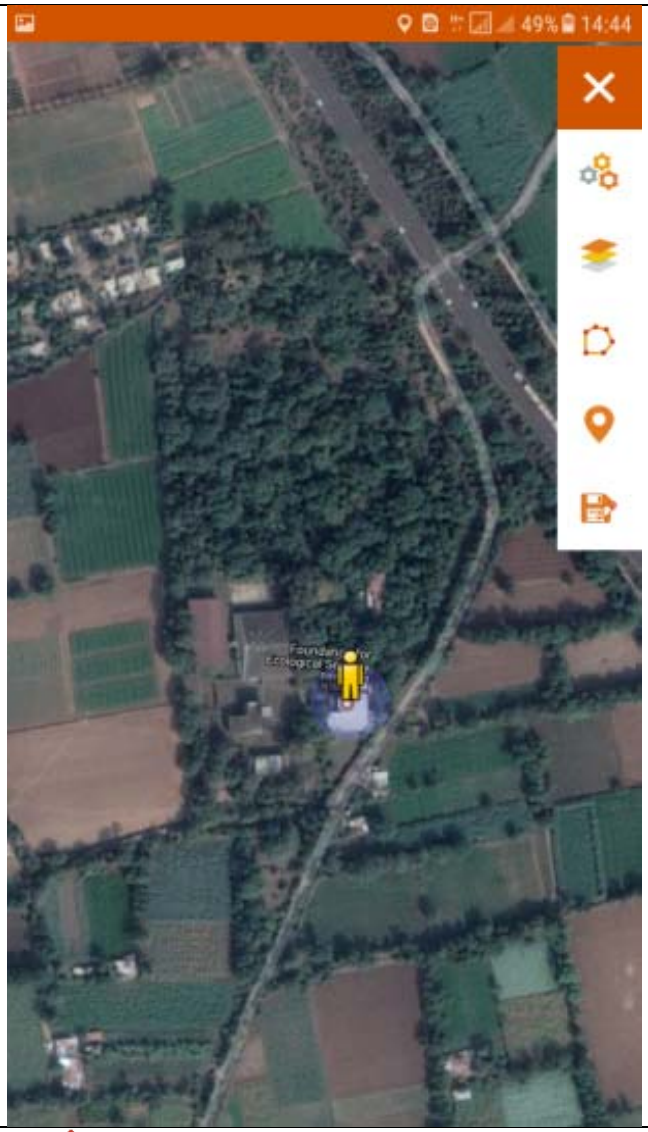
FES

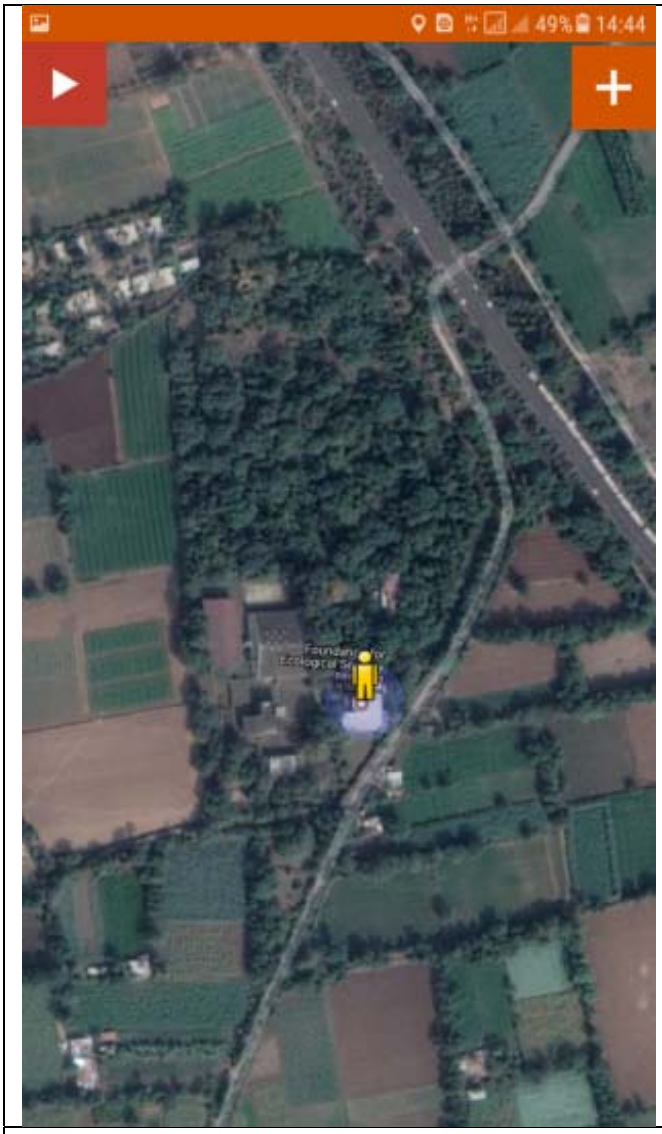
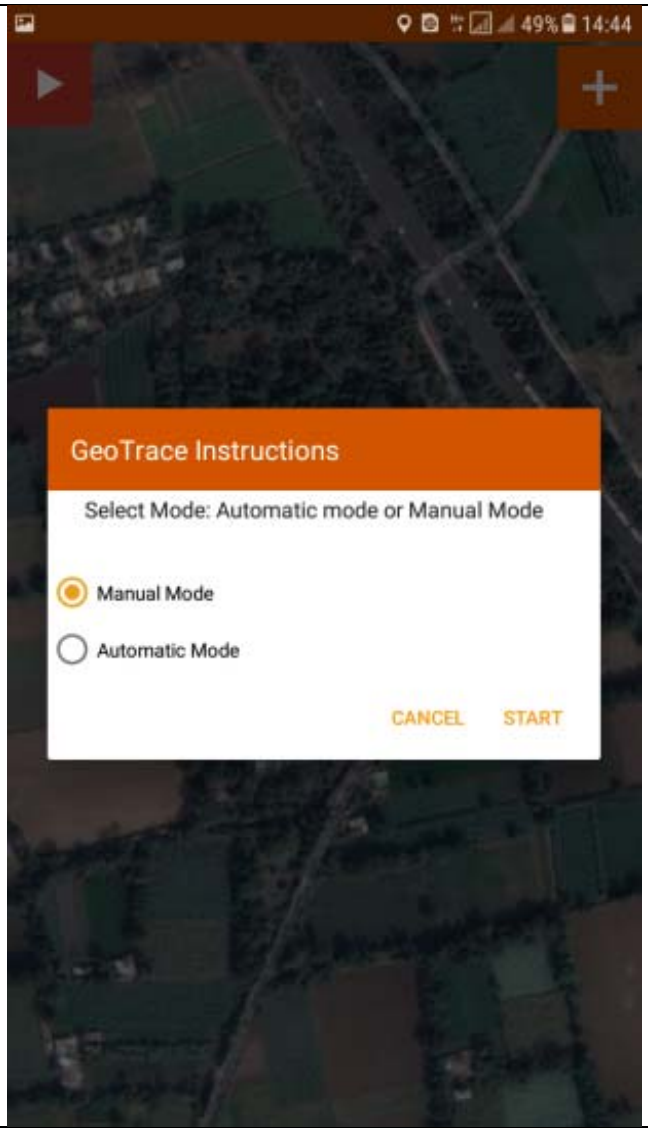
FOUNDATION FOR ECOLOGICAL SECURITY

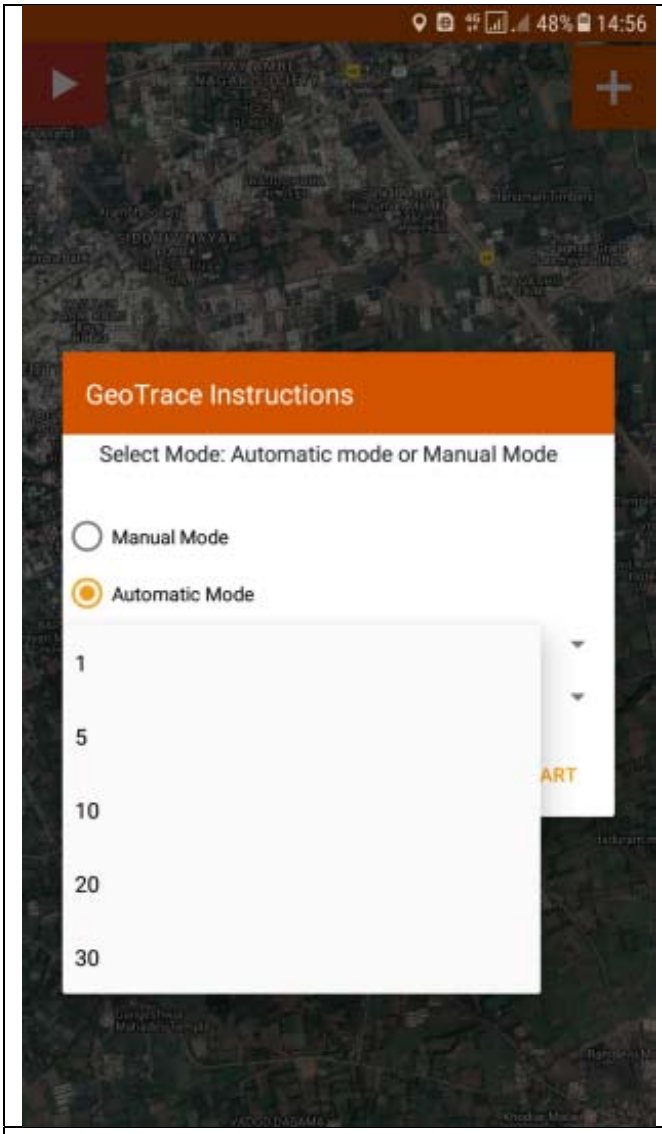
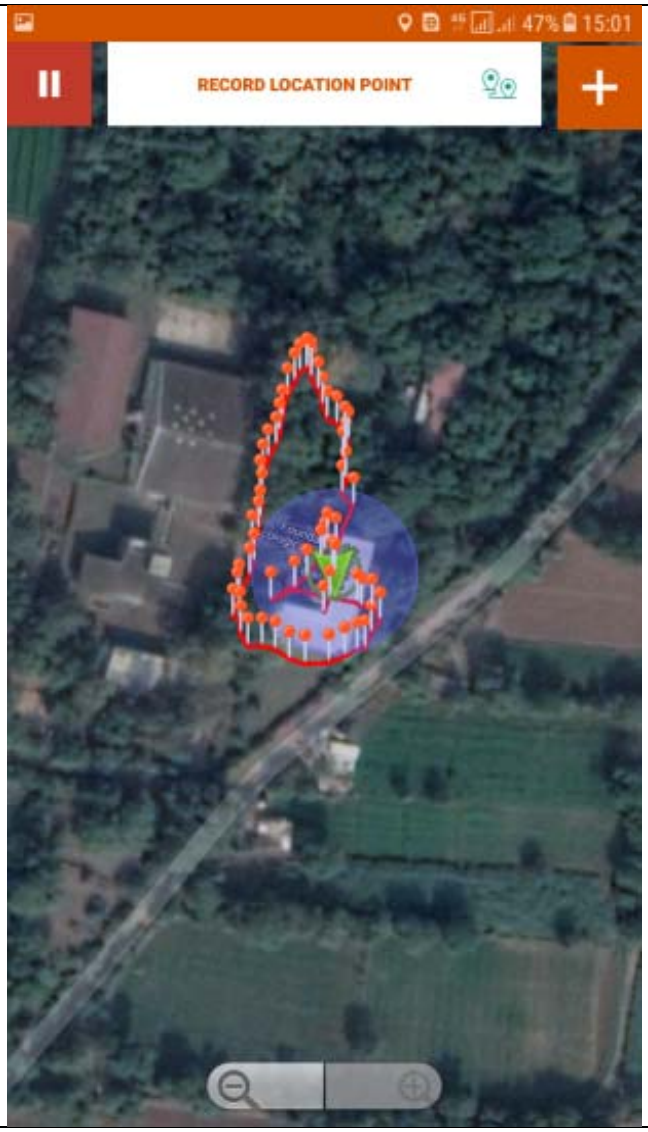
Mark Katzman

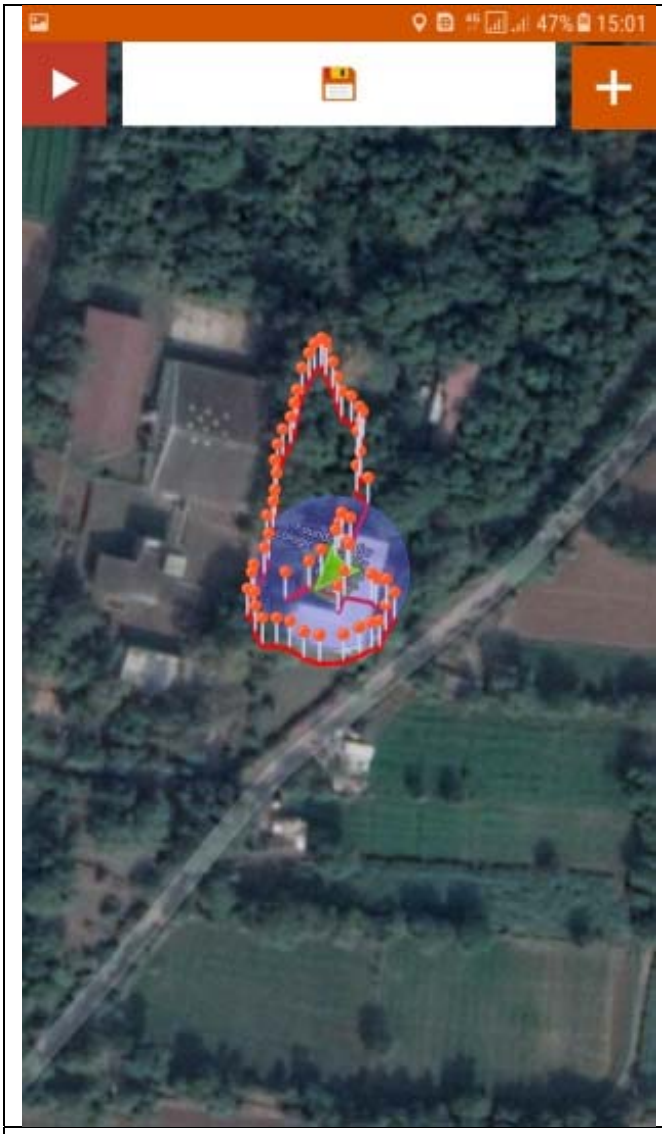
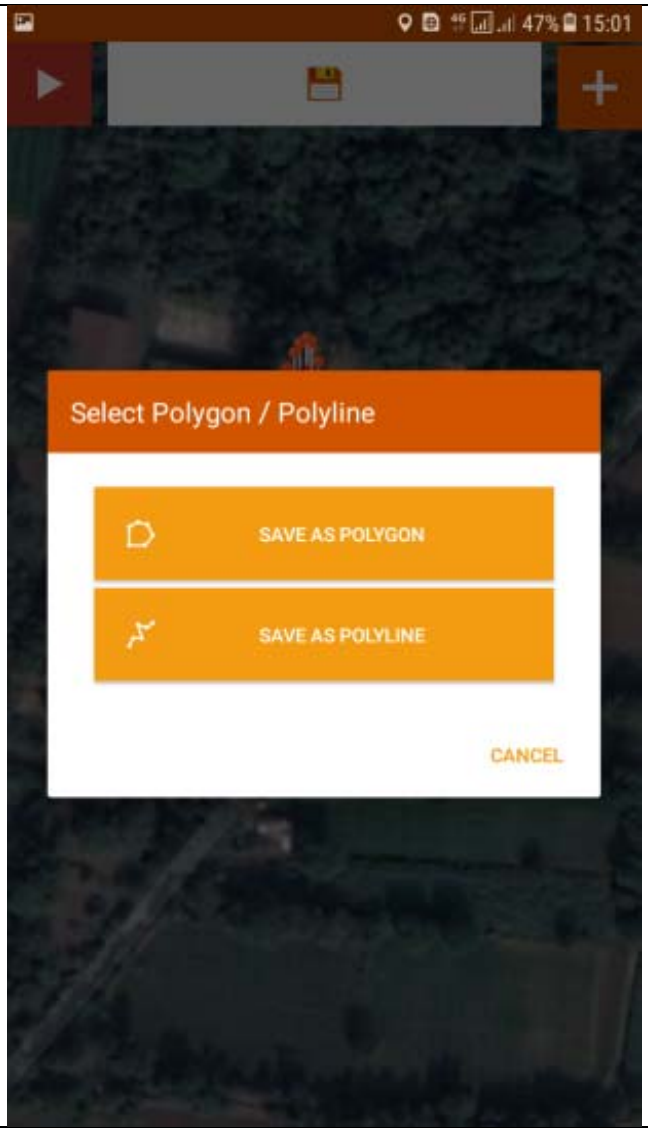
	• Mapping of Common/Private land can be intiatec using icon after getting good accuracy of GPS. Two options will be displayed(Automatic/Mannual Mode) taping by . Mannual mode will work with user input while Automatic Mode digitize land as per the device movment automatically as per the time interval choosed by user. • map location information. • upload surveyed data to srver.

	
Install App	Open it

	
tap on "" icon to unhide icons	tap to start mapping

	
	it gives two options to map common/private land.

	
Automatic mode make points based on the time intervel selected by user(if "2" is selected than it mark point at every 2 sec/minutes)	

	
Press save button to save as a polygon/polyline. minimum 3 points requires.	

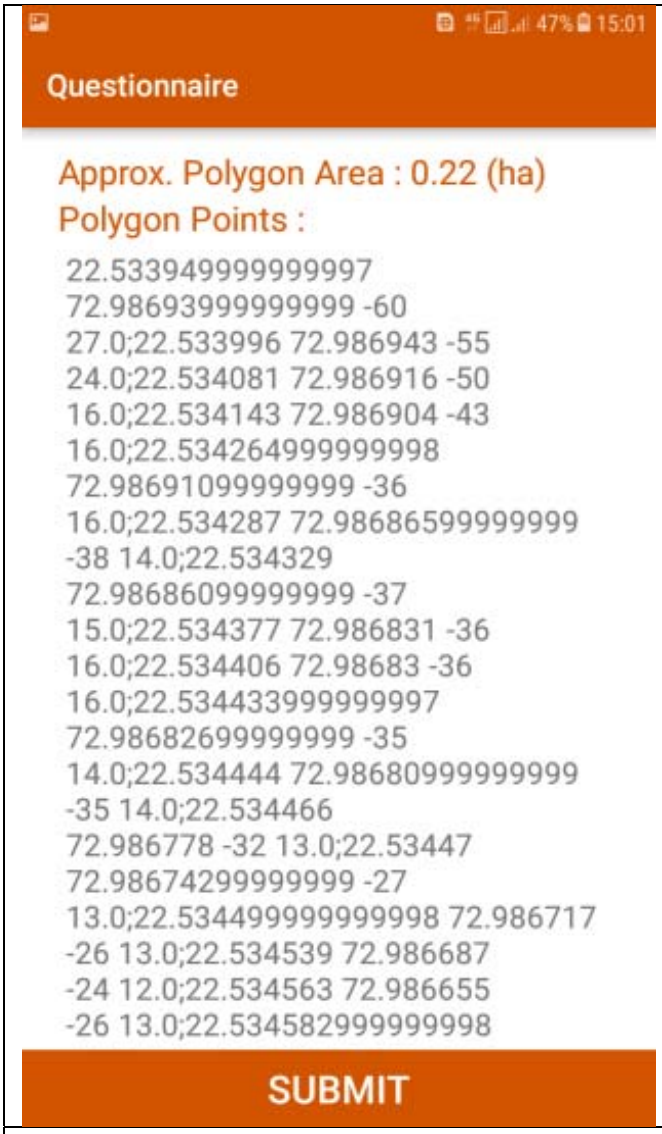
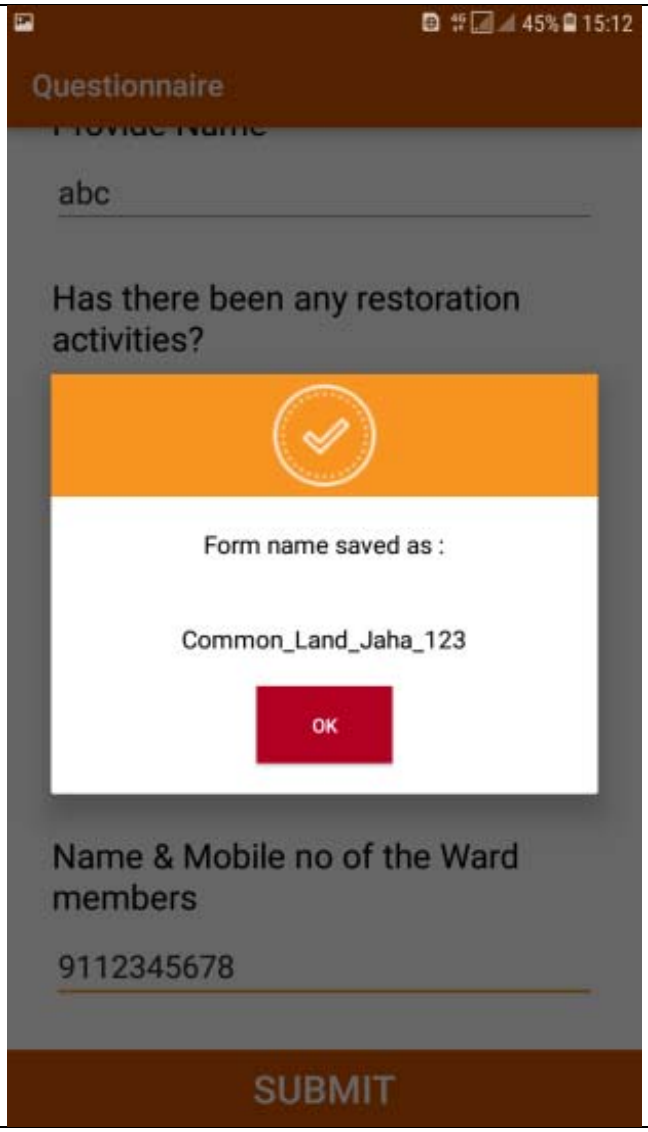
	
Basic information about land(see Figure 2)	submit button will send filled form in "Saved Form"(Figure 1)

 Figure 1	
Save the filled informtion to the server by clicking **"UPLOAD"**	

Question for Common Land data entry from field

Sr No	Questions	Options for Answer	Answer Type
1	Name of habitations		Text
2	Land Category	Grazing Land	Yes/No
		Forest Land	Yes/No
		Revenue Waste Land	Yes/No
		Water body	Yes/No
		Cemetery/Burial Ground	Yes/No
		Others	Yes/No
		If Others (Please specify the name)	Text
3	Plot No/Survey No		Float
4	Area of the Land (ha) (survey no wise)		Integer
5	Since when is the land being protected	Year	Integer
6	Use of common land	Fodder	Yes/No
		Water	Yes/No
		Fuel wood	Yes/No
		NTFP	Yes/No
		Others (please specify)	Text & Integer
7	Describe the Customary practices related to protection and use		Text
8	Are there written rules and regulations for use		Yes/No
	if yes: Small description about the rules		Text
9	Is there an institution managing the commons:		Yes/No
	If Yes: What is the form of institution		Text
9.a	Name of the institution:		Text
9.b	Affiliated to which organization:	Independent Institution	Yes/No
		Forest department	Yes/No
		NGO	Yes/No
		Any Govt. Program	Text
		Others (Pls specify)	Text
10	Has there been any restoration activities		Yes/No
	If yes, Under what programs?		Text
11	Name & Mobile no of the Sarpanch		Text & Integer
12	Name & Mobile no of the Secretary		Text & Integer
13	Name & Mobile no of the Ward members		Text & Integer

Question for Private Land data entry from field

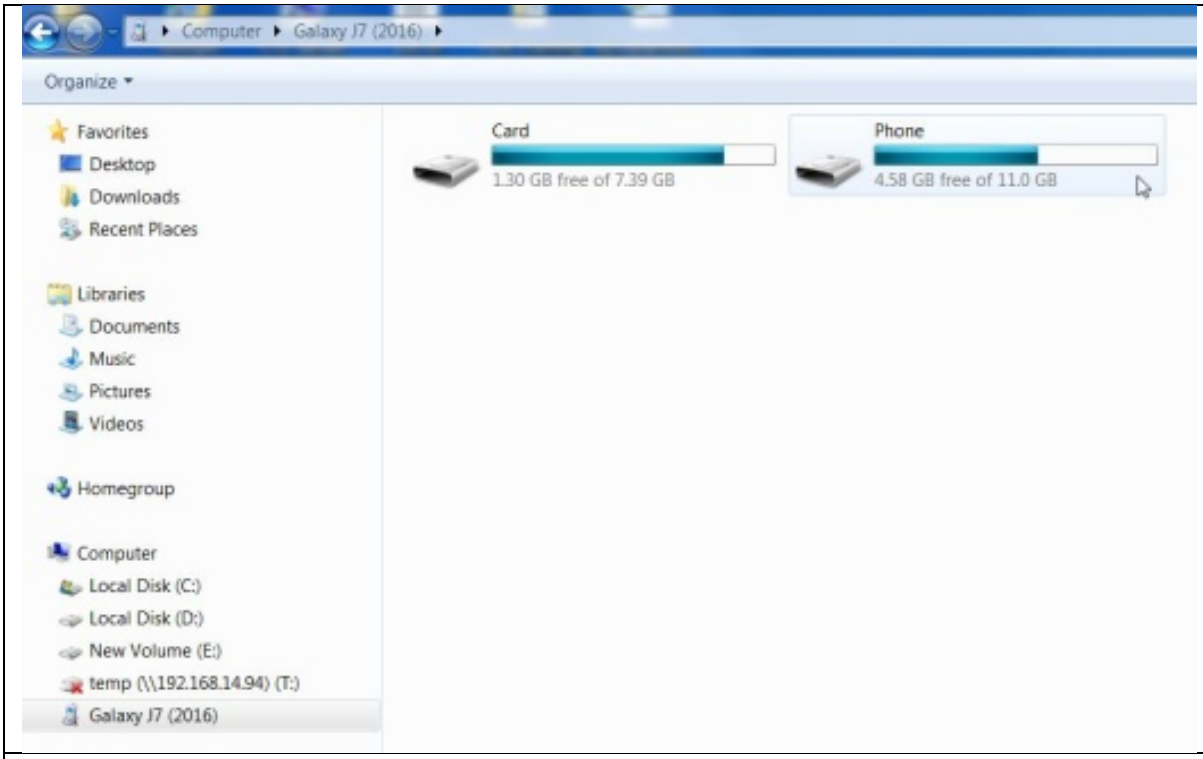
Sr No	Questions	Options for Answer	Answer Type
1	Name of the District		Text
2	Name of the Block		Text
3	Name of the Panchayat		Text
4	Name of the Revenue Village		Text
5	Name of the Habitation		Text
6	Type of Land	Agriculture Land	Yes/No
		House	Yes/No
		Well	Yes/No
		Private Pond	Yes/No
		Other	Yes/No
	If other, Please mention		Text
7	Survey No/Khasra no		Text & Integer
8	Owner name of the land		Text
9	Mobile no		Integer
10	Age		Float
11	Total no of members in the household		Integer
12	Occupation		Text
13	Who are the neighbors with whom this boundary is shared		Text

* Yes/No is selection option = ◉ Yes ○ No

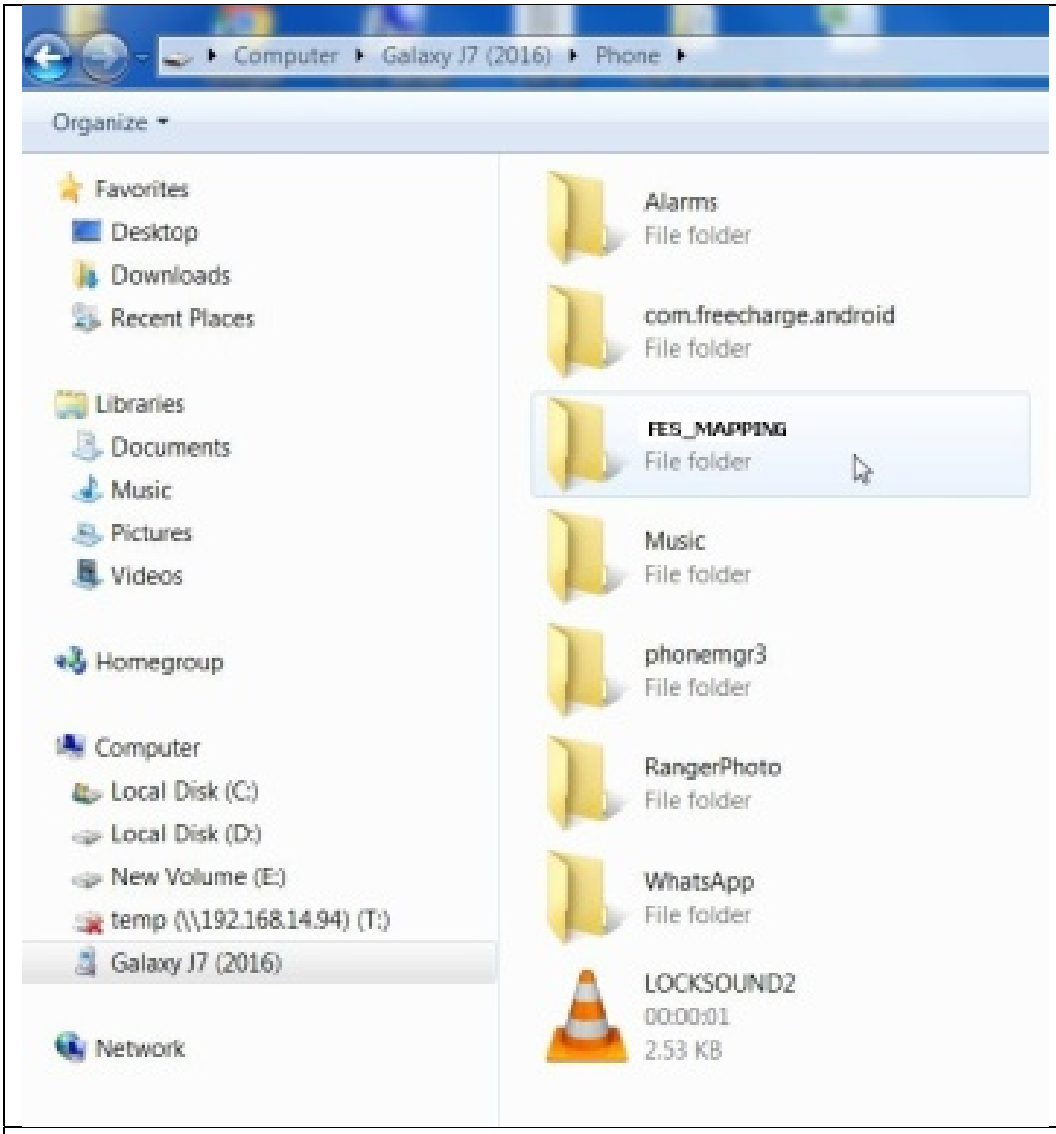
Figure 2

Questionnaire form of Common/Private land mapping.This form can be modified as per the user requirement.

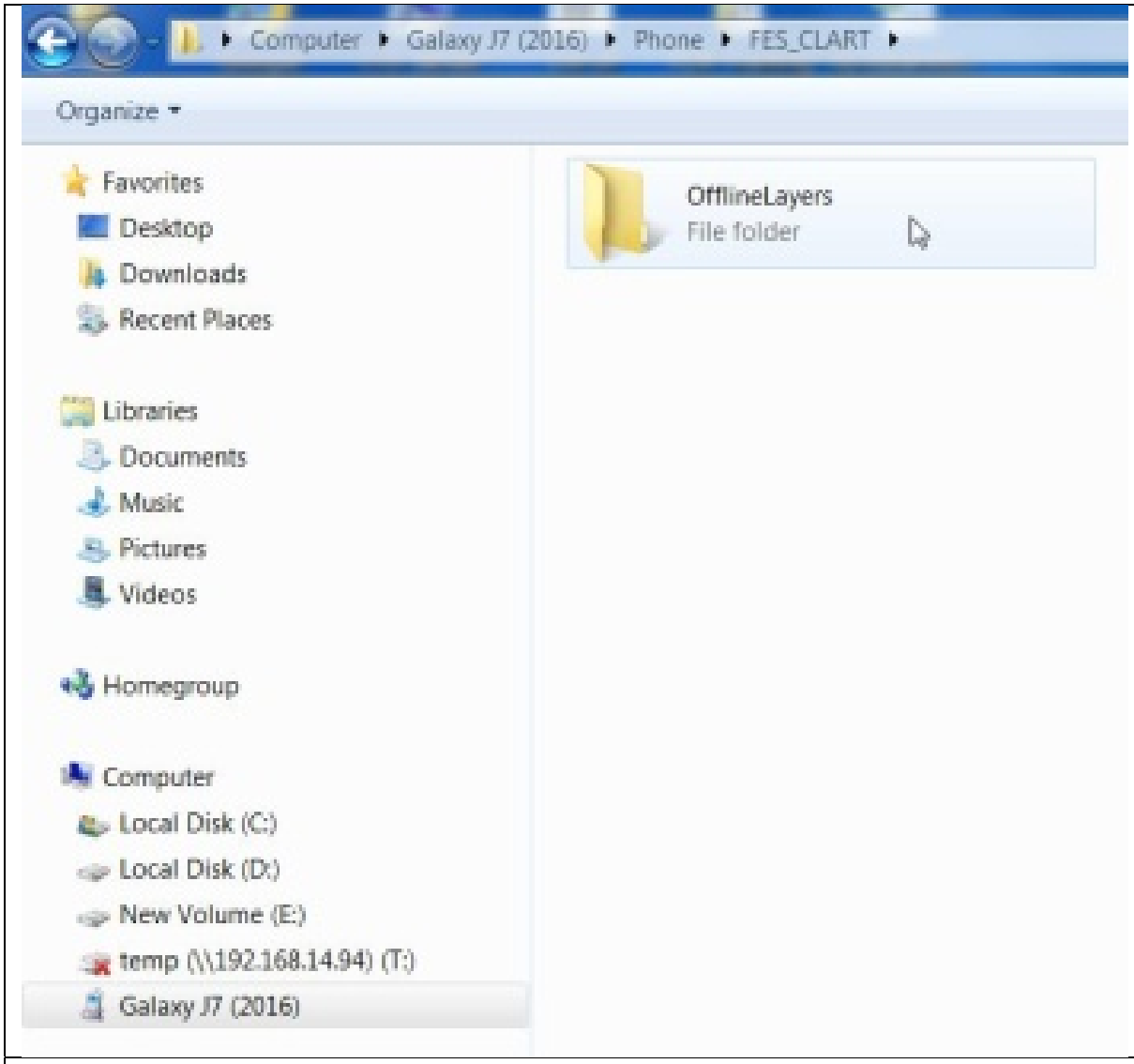
Process to store Offline Maps as a "Offline Layers"



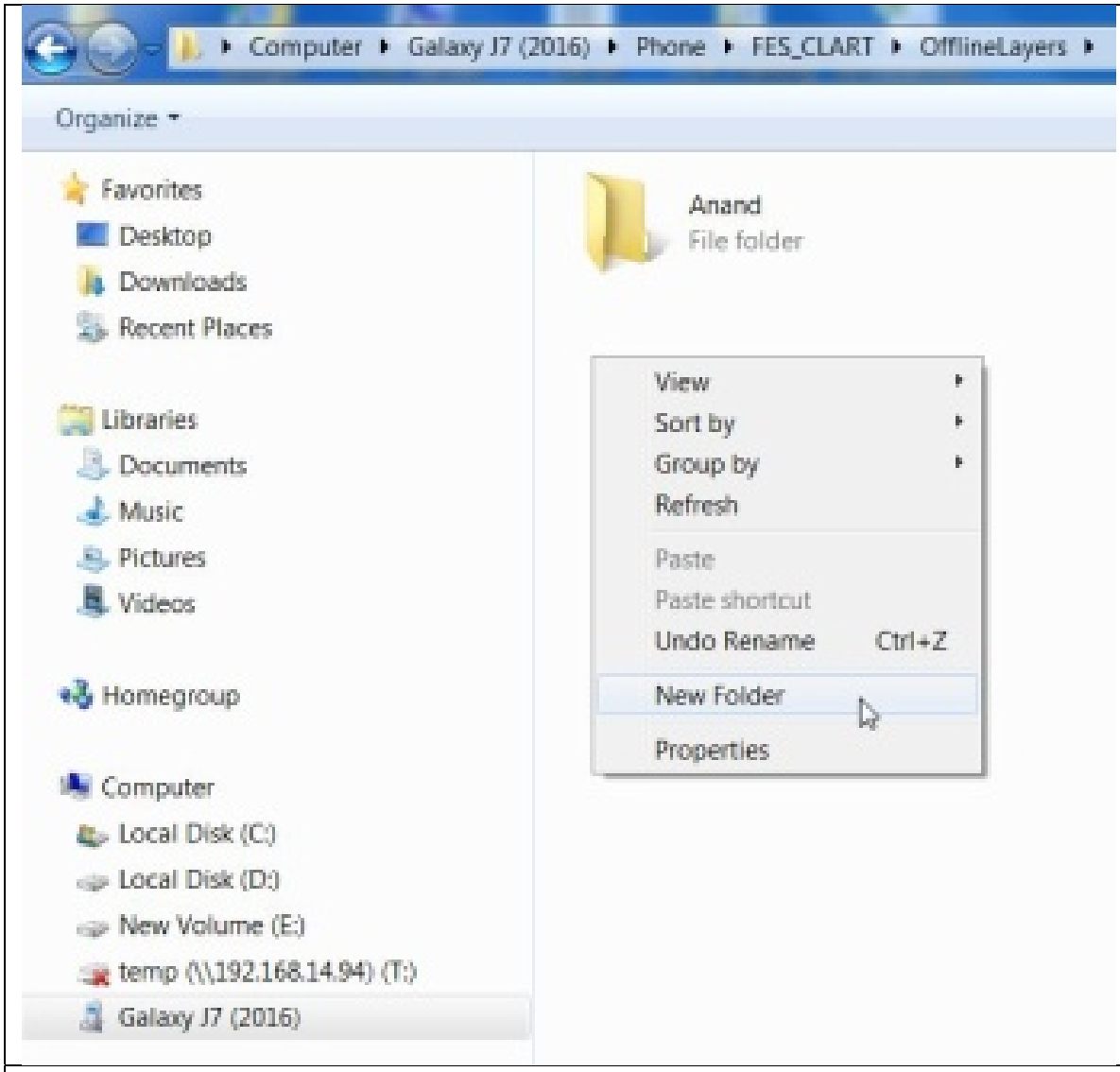
Step 1: Connect the android tablet/mobile to computer using a USB cable and open tablet/mobile drive on explorer.



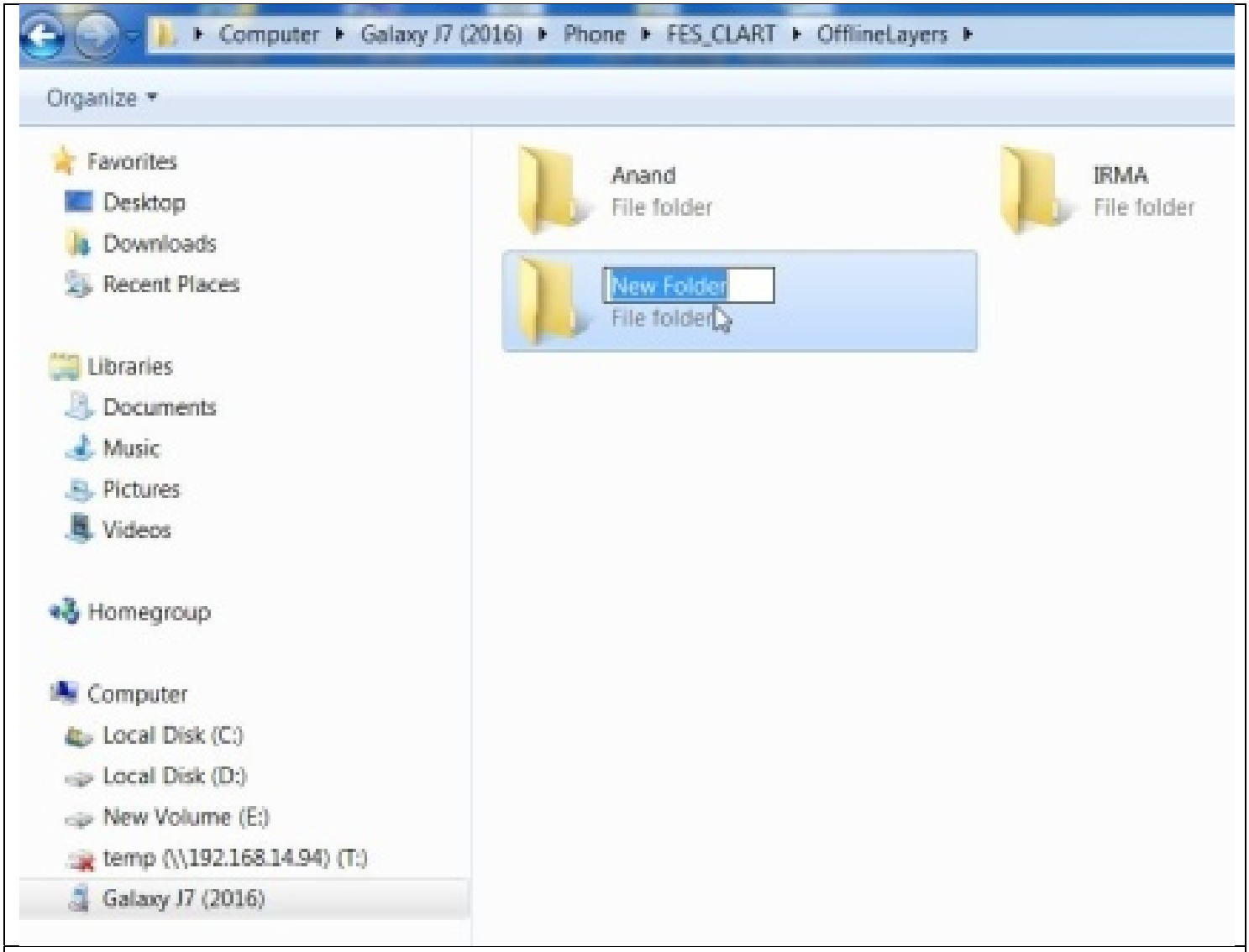
Step 2: Find "FES MAPPING" Installation folder.



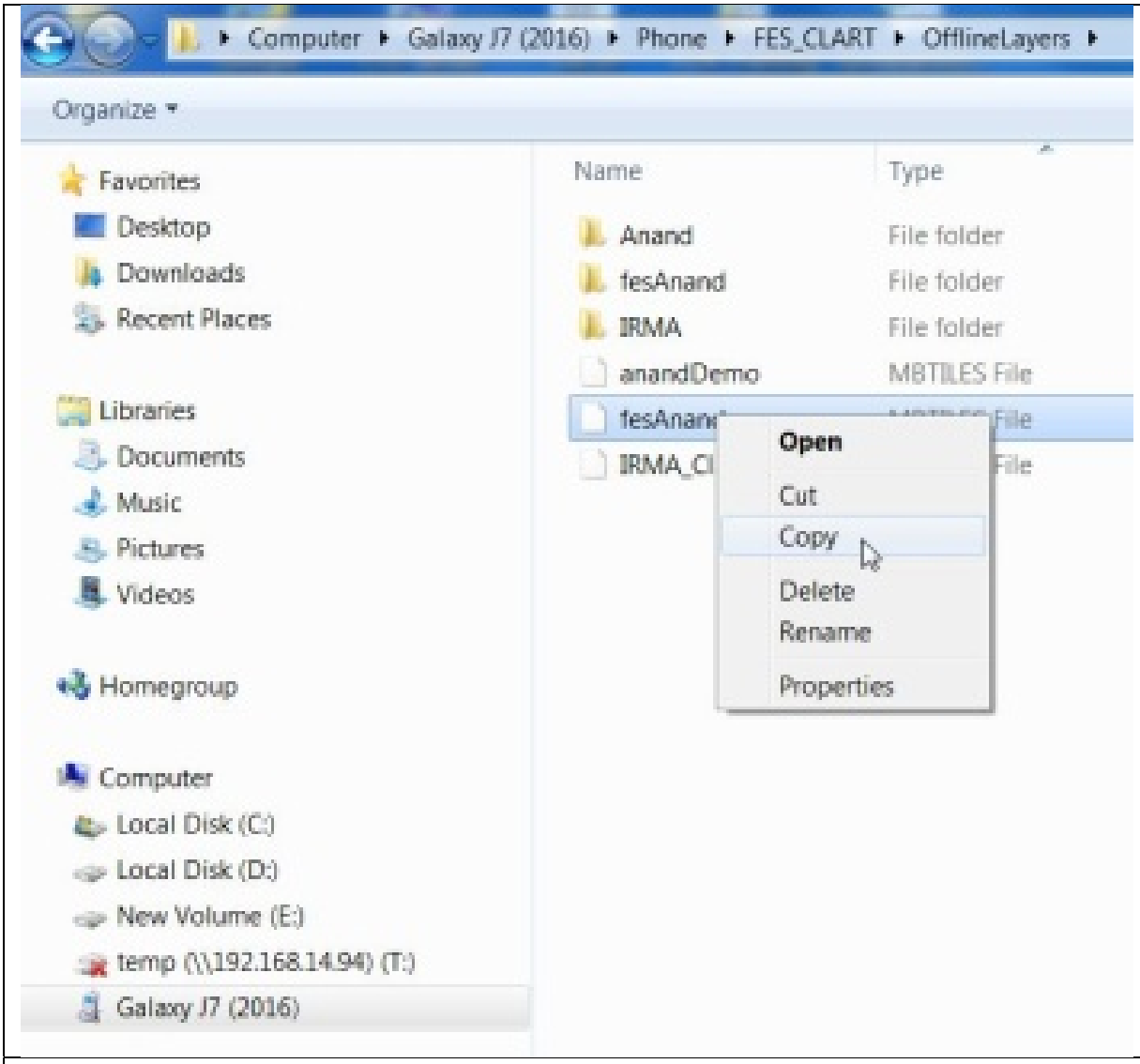
Step 3: 'Offline Layers' .



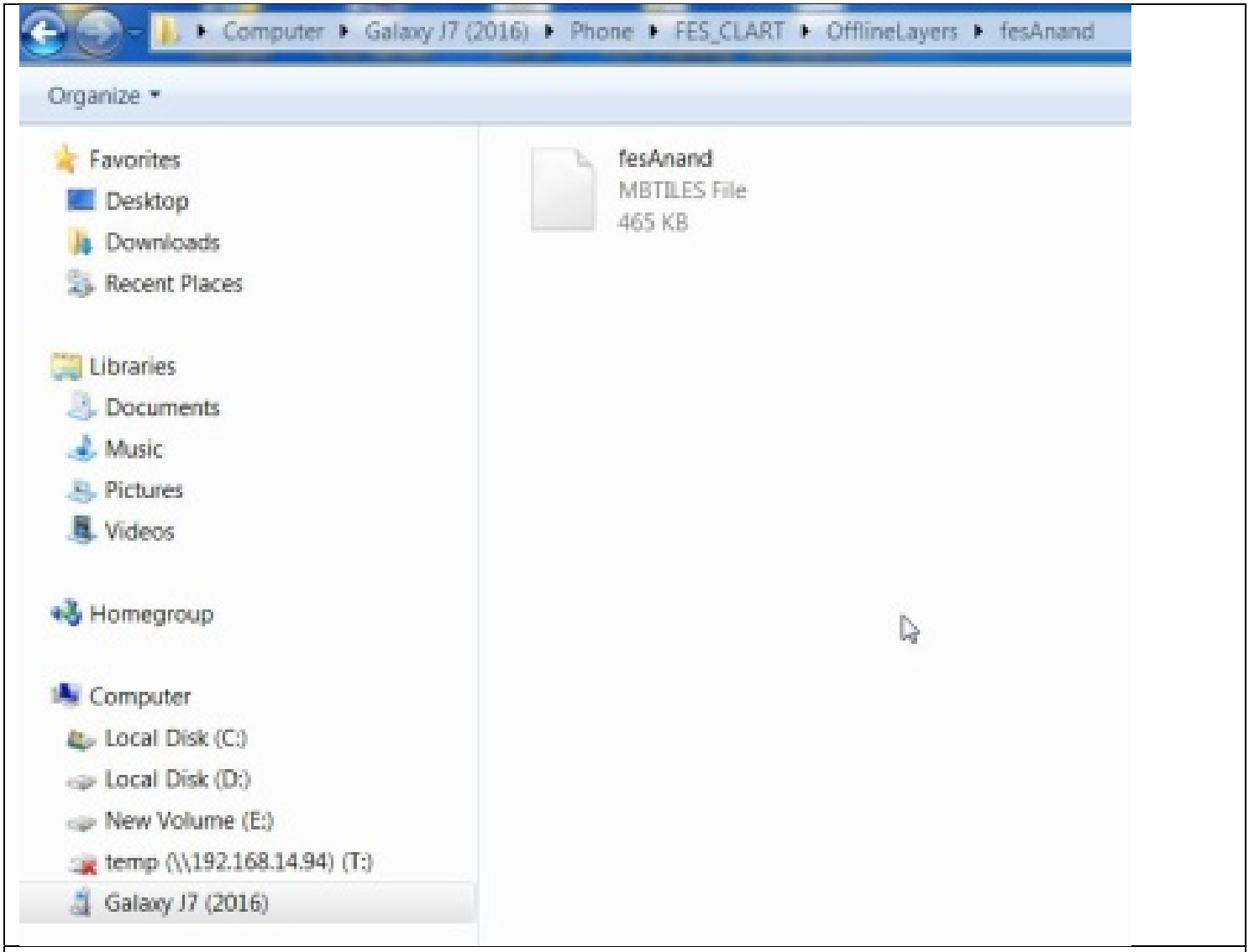
Step 4: Create ‘New Folder’ inside "Offline Layers" folder



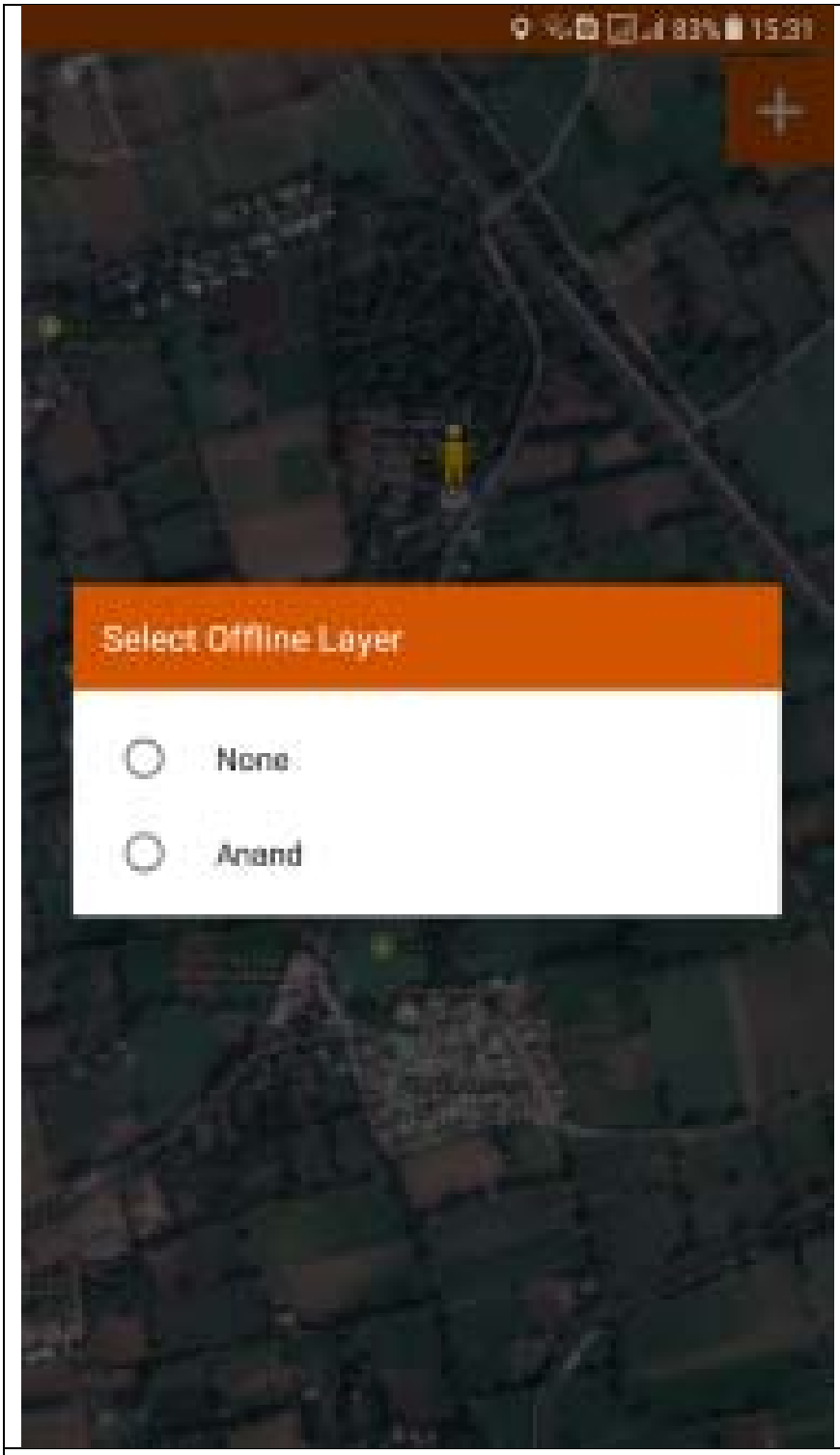
Step 5: Rename 'New Folder' to desire name



Step 6: Copy Offline maps



Step 7: Paste in created folder



Stored Offline Maps file access trough "Select Offline Layer" button in app.

FOUNDATION FOR ECOLOGICAL SECURITY

PB No. 29, Anand 388 001, Gujarat, India
Tel: +91 (2692) - 261402, 261238, 261239
Fax: +91 (2692) - 262087
email: ed@fes.org.in
Website: www.fes.org.in