Agent Form for Farmify

This document covers the necessary elements to keep in the agent side app for farmify:

This app should capture the maximum data data from the farmer.

Requirements:-

The agent should give his email and password along side his phone number to register for the app.

After successful registration, we will verify the agent and send him a unique code to his mail or phone number so that he will reenter the same in the app, and goes into app to enter the farmer details.

Agents should given an option to enter as many farmers as possible(multi farmers).

The data he should cover is:-

1) Individual data:-
2) Bank details:-
3) Social data:-
4) E-commerce data:-
5) Agronomic data:-
6) Environmental data:-
7) Satellite data:-
8) His mobile data:-

Individual data:-

This should contains his
   a. Name:-
   b. Relation to :-   s/o [   ]   d/o [   ] b/o [   ] w/o[   ]
   c. Relation name:-
   d. Mobile number(verification should be done):-
   e. Age:-

f. Caste:- General [ ]   OBC [ ]   SC [ ]   ST [ ]   OTHER [ ]
g. Gender:- Male [ ]   Female [ ]
h. Farmer Type:- Small [ ]   Marginal [ ]   Other [ ]
i. Farmer Category:- Owner [ ]   Tenant [ ]   Sharecropper [ ]
j. Address:-
k. Village/Town:-
l. Mandal
m. District
n. State
o. Pincode

2) Bank details:
a. Bank account details
b. Savings bank account number
c. Confirm savings bank number
d. Bank Name
e. Bank Branch Name
f. IFSC
g. District
h. State

3) Social data.
a. Aadhar Number (a scanner which can take his aadhar data automatically)
b. Any presence in social media
c. 3-5 members details (Phone number and name) whom they know the farmer personally(other than relatives)
d. Languages spoken
e. Locations
f. What source they trust most regarding agriculture news(few options to enter)

4) Agronomic Data
a. What type of crop he sows?
b. What type of soil?
c. Is there any water source in the field or around the field?
d. What is the time he sows the crops?
e. How much land he is cultivating? (if he is doing both own and tenant, give him options)
f. What seasons he is cultivating?
g. What is his cropping pattern? (identify when are the inputs needed, day wise)
h. What are all the inputs needed for the crops he is sowing?(Inputs with names)
i. What is cost of inputs on an average?
j. Is soil-testing done? (YES/NO)
k. Upload the testing certificate if YES

l. Seeds, fertilizers, manures and Insecticide information day wise (also point "e" in the above)
m. When is crop harvest time(give a time frame like 15 days)
n. Average yield for past 5 years per acre of field (should be 5 inputs)
o. Past rate per quintal that he sold (should be 5 inputs)
p. Has he taken any insurance policies? (YES/NO)

5) Commerce data
a. Are there any credits taken from anyone?
b. If yes,
c. How much?
d. When did they have taken?
e. Are they paid in full? Or still pending?
f. Still pending, then how much?
g. What is the average income in a year?
h. What is his earning from crop?
i. What are his expenditures?
j. How much are his expenditures?
k. Any digital bills?
l. Yes, upload

6) Environmental data
a. Based on his location (village and lat or long), lets check if we can extract the information about the farm,
b. His location past 3 years data, like cyclones, drought, any crop losses etc
We will try to automate here as much as possible

7) Satellite data
Let us check if there are any platforms, that can give us the whole field data by giving latitudes and longitudes

8) Mobile data (if its a smart phone)
We will ask him to install our apk, which will gives his location and actual weather data of his farm from the mobile. We will take the consent of the farmer to do this

The above is the data that agent needs to fill, after filling the data, we will analyse the data and with some techniques we will try to give the risk score of funding him between 1-5, 1 is high risk and 5 being high.
If there is any information we need to analyse the score, we will sit and discuss

Now lets say, agent has entered 100 farmer data and we have given scores to all. And somehow 20 farmers of that particular agent got funded.

Now there should be separate tab, where he see who are all the funded ones, with their phone number and can track the farmers daily routine till he sell the crops.
This should also, give him options to enter:
1) What date the crop is separated from the field?
2) What is the weight of production?
3) What is the rate does the crop is sold to?

After successful selling of the harvest, the farmer under the agent can now be closed as successful deal.
This will add some incentive to him.

Basically it is like a CRM for our agents.