

USER MANUAL

OF

JOINT INSPECTION

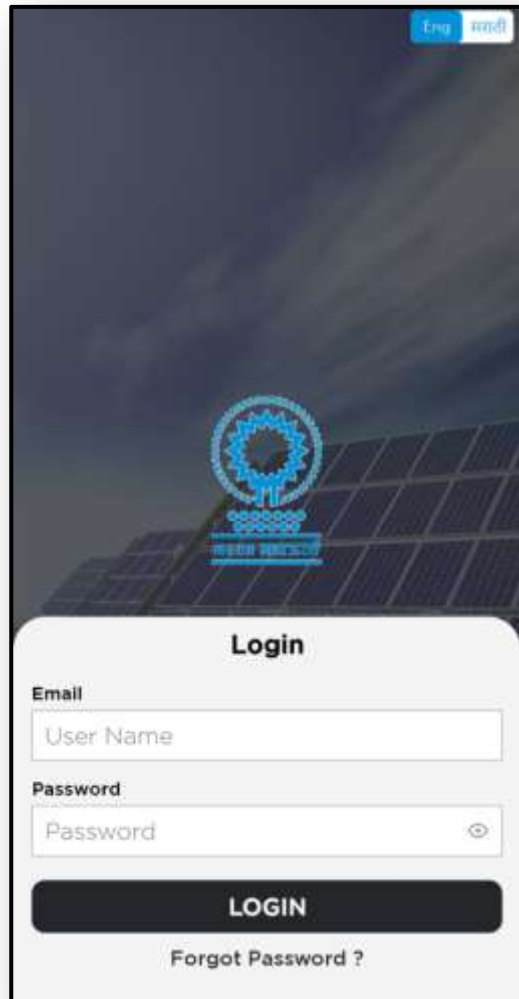
APPLICATION

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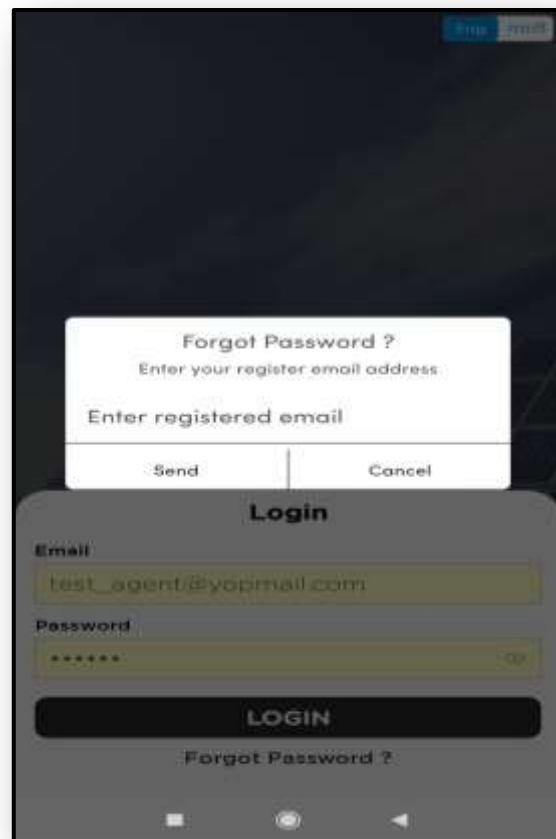
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Joint Inspection Application:

A Descriptive Text message along with push notification will be sent to the allocated/shortlisted section agents with the URL of the Playstore uploaded android application, through which they will be able to download & install the application.



By entering a valid Login Credentials communicated through SMS (mail id and password), section agents will be able to log in to the application.

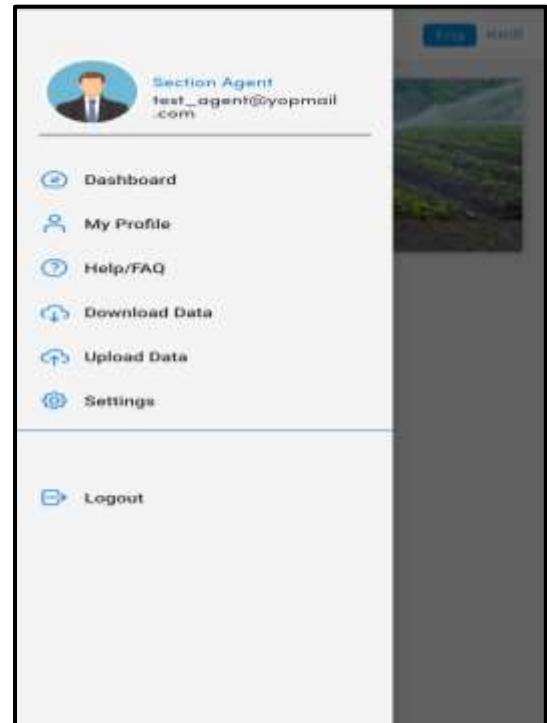
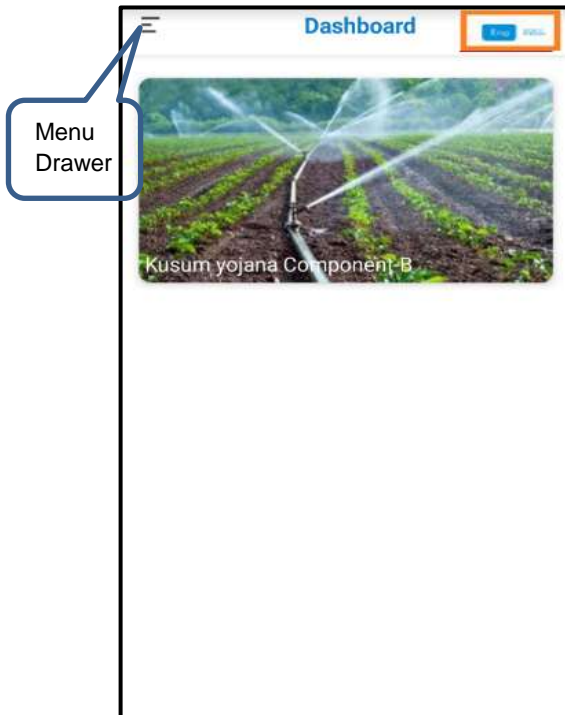


Forgot Password:

If the password is invalid, then they can use "Forgot Password" link through which they can reset the password and login with the new password.

Dashboard:

Once through with the log-in process, section agent will be able to see the dashboard. It consists of various schemes enlisted, language changing toggle button and Menu drawer.



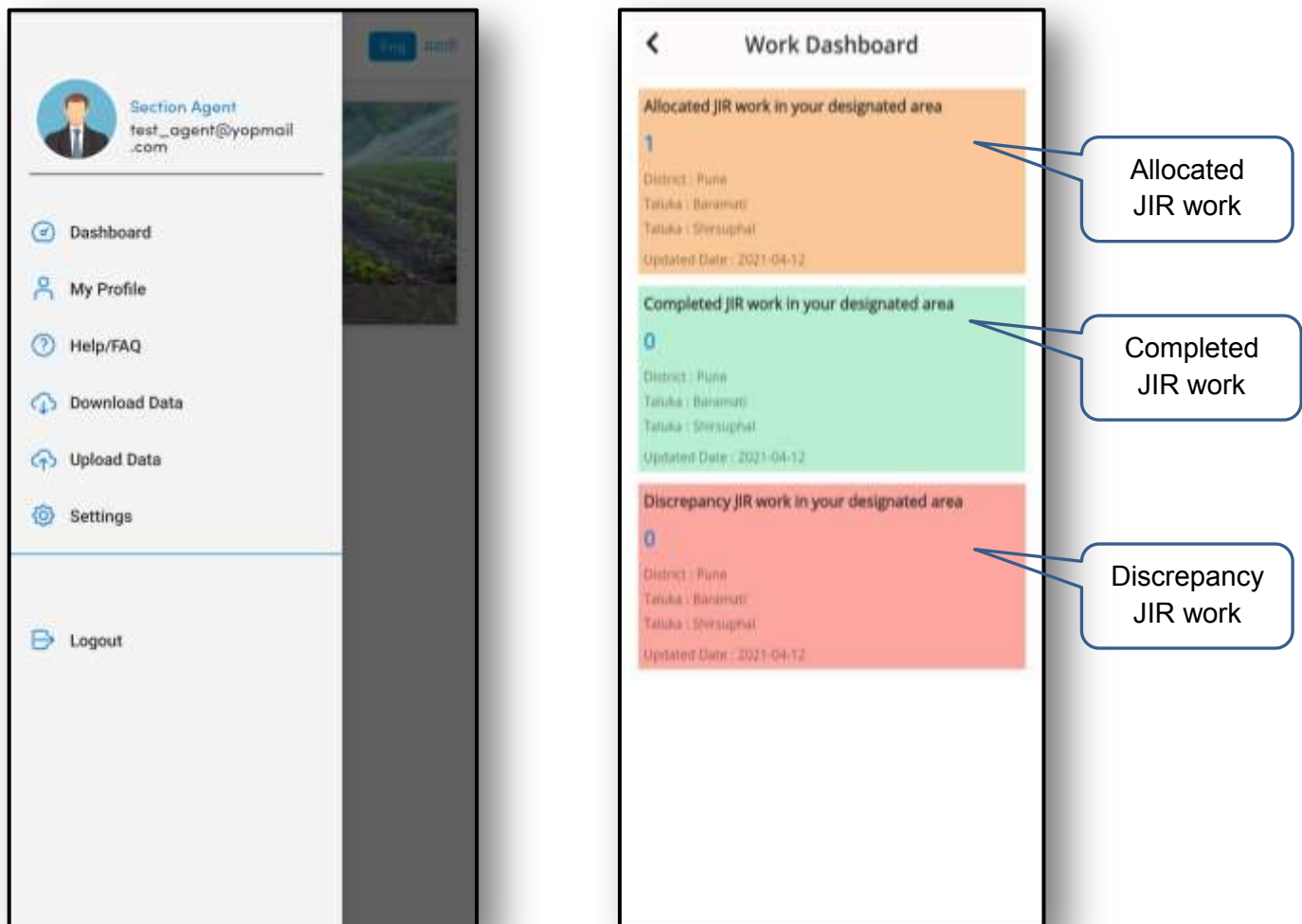
Download Data:

The section agent gets to know about the assigned work through the message which he received when the third party inspection vendor assigns the work.

The section agent can download the beneficiary data prior to their site visits to a 'no network' area. He can fill the data during his visit in offline mode. Once he is back in the network area, he can upload the data by selecting the "Upload Data to server" button from the pending data field.

If the Section agent is already logged in to the application (running session), he will receive a push notification, but the newly assigned beneficiary will not be reflected/updated into their beneficiary list unless he will click on the "download data".

Once they click on the download data, the beneficiary list will get refresh and the newly assigned beneficiaries will appear in the list.



After selecting the scheme, Section agent will be able to see the "Work dashboard" Screen.

Joint Inspection Report (JIR) Work:

After using download data function, the section agent will be able to see the list of the beneficiary in the JIR Work list.

❖ **Allocated Work:**

In Allocated work, all the allocated beneficiary for that respective section agent will be shown for inspection.

❖ Completed Work:

In completed work, the list of all the Inspection completed beneficiaries with their reports will be shown.

❖ Discrepancy:

In discrepancy list all the survey having discrepancy in their survey report compared to their required standards will be listed below noted by their section Agents.

Scheduling Inspection:

Once the Third Party inspection vendor assigns the section agent, then only the section agent will be able to schedule the date and time for JIR execution through the app by clicking on calendar icon. Till the time section agent does not schedule the appointment for JIR, by mutual communication with respective vendor site engineer, section agent status for that beneficiary JIR will be "Not Scheduled ", once he scheduled the date and time status will change to "Scheduled".

Section Agent will schedule the Joint inspection for the respective beneficiary by contacting the Vendor site engineer via call. Once decided he will click on the calendar icon and schedule the date and time (as decided in their mutual communication). After this Section agent, vendor site engineer and beneficiary all three will be notified by an SMS as well as push notification regarding the schedule.




Calendar icon

Filter

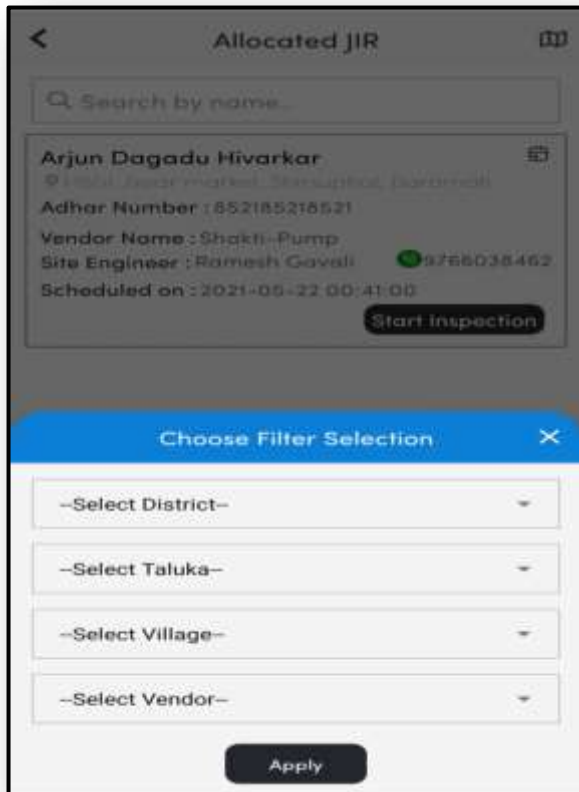


❖ Filter Icon:

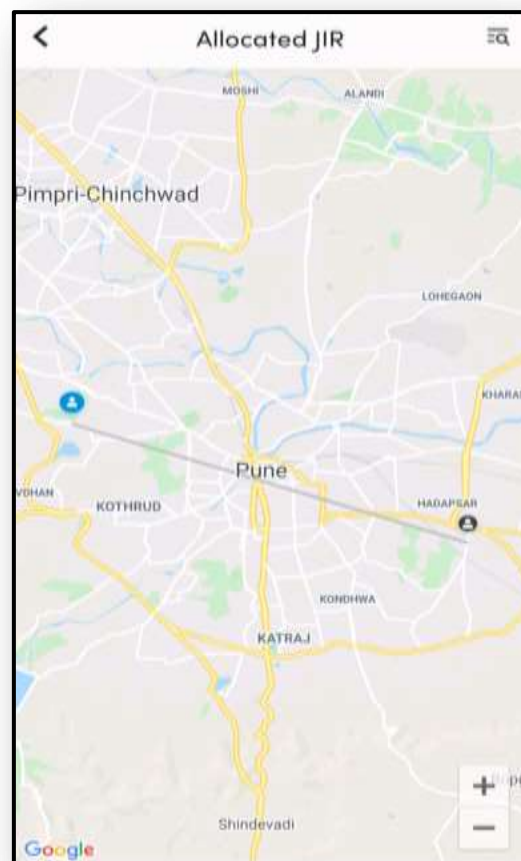
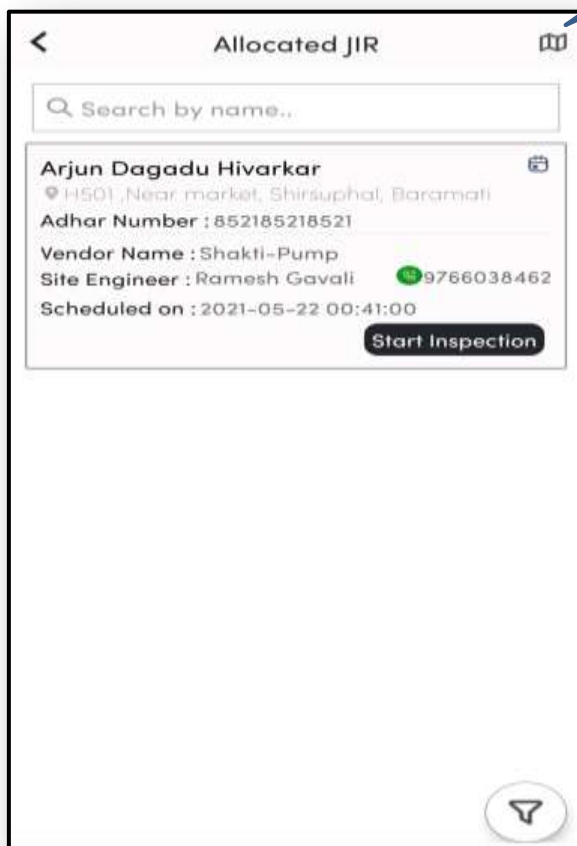
Section agent can filter out the beneficiary list by  clicking on filter icon. By selecting particular District, Village, Taluka and vendor he will be able to sort out the beneficiary.

❖ Map Functionality:

While using map functionality, section agent will be able to check the locations of the beneficiaries. Also, he can navigate to the desired location from the same.



View map
button



Clicking on “Start Inspection” button from the respective beneficiary, section agent will be able to see the details filled by the beneficiary at the time of registration along with inspection parameters.

Inspection Report:

Inspection Report

Kusum Yojana Component-B

11, Padmalaya, Near Janata Sahakari Bank,
Swami Samarth Dhyan Mandir, Pashan - Sus
Rd, Pashan, Pune, Maharashtra 411021, India

Lat Long 18.5440908, 73.7863574

Beneficiary Name : Arjun Dagadu Hivarkar

Site Eng. Name : Ramesh Gavali


Sr. No	Details	Whether the establishment is done.(Yes/No)
Part A (By the Installer)		
1	Solar PV Array Capacity: 20	Remark <input type="checkbox"/>
2	Whether RFID tag is pasted or not ? Yes	Remark <input type="checkbox"/>
3	Tag is Inside or Outside ? Inside	Remark <input type="checkbox"/>
4	RFID Tag Remark: done	Remark <input type="checkbox"/>
	Support Structure Seasonal Tilt Angle	

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Inspection Report

5	Support Structure Seasonal Tilt Angle adjustment provided or not? Yes	Remark <input type="checkbox"/>
6	Motor Capacity (HP/ KW):	Remark <input type="checkbox"/>
7	Motor Max. Total Dynamic head (Specify suction head in case of surface pumps) Mention with unit Feet Or Meter: 10	Remark <input type="checkbox"/>
8	RMS ID: 879546312	Remark <input type="checkbox"/>
9	Water output figures are on a clear sunny day with three times tracking of SPV panel when solarradiation on panel surface is 7.15 KWH sq.m day: 10	Remark <input type="checkbox"/>
10	IMEI Number: 8794653120	Remark <input type="checkbox"/>
11	Electronics/controls MPPT provided or not? Yes	Remark <input type="checkbox"/>

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Inspection Report


12	Electronics/ controls MPPT Remark: done	Remark <input type="checkbox"/>
13	Technical Person Trained to maintain the system name of the person with Mobile no.: shyam 9087654321	Remark <input type="checkbox"/>
14	Date of Commissioning 22-05-2021	Remark <input type="checkbox"/>

Part B (By the Beneficiary)

1	Whether training was provided by installer for operation and maintenance: Yes	Remark <input type="checkbox"/>
2	Whether the I-V curves of all modules documents provided ? Yes	Remark <input type="checkbox"/>
3	Whether the Warranty card for system document provided? Yes	Remark <input type="checkbox"/>
4	Date of handing over of the system 22-05-2021	Remark <input type="checkbox"/>

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Inspection Report


Part C

1	Whether the system was installed in shadow free area? No	Remark <input type="checkbox"/>
2	Any inter module shading exists or not? Yes	Remark <input type="checkbox"/>
3	Whether the modules contains information about company name, serial no and year manufacturing inside? Yes	Remark <input type="checkbox"/>
4	RFID pasted or not ? Yes	Remark <input type="checkbox"/>
5	Whether the information given in part A is same or found any deviation ? done	Remark <input type="checkbox"/>
6	Cables Make and size luminos 2	Remark <input type="checkbox"/>
7	User Feed Back Very Good	Remark <input type="checkbox"/>

Other Details

Controller ID: [|||||]

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Inspection Report

Other Details

1	Controller ID: 8902242401008	Remark	<input type="checkbox"/>
2	Water use irrigation system: crop	Remark	<input type="checkbox"/>
3	Water Base Level (Max. Meter): 30	Remark	<input type="checkbox"/>
4	Water Level (Meter) : 20	Remark	<input type="checkbox"/>
5	Panel Structure (Series / Parallel): Series	Remark	<input type="checkbox"/>
6	Panel No.: 62627,83738,73838	Remark	<input type="checkbox"/>
7	RCC Foundation: done	Remark	<input type="checkbox"/>
8	Land leveling: done	Remark	<input type="checkbox"/>
9	RMS Manufacture name & capacity: solar 20	Remark	<input type="checkbox"/>
10	Energy accumulation controlling box: 20k	Remark	<input type="checkbox"/>

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11	PV Panel Serial No.: 637387373	Remark	<input type="checkbox"/>
12	PV Panel Manufacture name: agro	Remark	<input type="checkbox"/>
13	Solar energy accumulation energy pressure: 20p	Remark	<input type="checkbox"/>
14	Solar energy accumulation Capacity: 10c	Remark	<input type="checkbox"/>
15	Distance from storage water tank to Pump: 30	Remark	<input type="checkbox"/>
16	Height (Head) Minimum water level in summer to Maximum water level in to storage water tank: 10	Remark	<input type="checkbox"/>
17	Pipe Diameter: 2	Remark	<input type="checkbox"/>
18	Pipe Type (HPPE / GI): HPPE	Remark	<input type="checkbox"/>
19	Controller Serial No.: 637267	Remark	<input type="checkbox"/>
	Solar Panel Production		

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Inspection Report

20	Solar Panel Production Serial No.: 637383	Remark	<input type="checkbox"/>
21	Controller Vendor Name: agro	Remark	<input type="checkbox"/>
22	Controller Capacity: 20	Remark	<input type="checkbox"/>
23	Project name panel in prescribed format: Yes	Remark	<input type="checkbox"/>
24	Earthing Kit: Yes	Remark	<input type="checkbox"/>
25	Lightning Arrester: Yes	Remark	<input type="checkbox"/>
26	Insurance P.O. No.: 6373638	Remark	<input type="checkbox"/>

Solar System details at the time of inspection

1	Maximum voltage(Vmax) initial reading (Vmac): 10	Remark	<input type="checkbox"/>
2	Maximum voltage(Vmax) reading after 15 Min (Vmac):	Remark	<input type="checkbox"/>

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Inspection Report

3	Maximum voltage(Vmax) reading after 30 Min (Vmac): 30	Remark	<input type="checkbox"/>
4	Maximum power flow (Imax) initial reading (AMP): 10	Remark	<input type="checkbox"/>
5	Maximum power flow (Imax) reading after 15 Min (AMP): 20	Remark	<input type="checkbox"/>
6	Maximum power flow (Imax) reading after 30 Min (AMP): 30	Remark	<input type="checkbox"/>
7	Energy products (Pmax) initial reading (Watt): 10	Remark	<input type="checkbox"/>
8	Energy products (Pmax) reading after 15 Min (Watt): 20	Remark	<input type="checkbox"/>
9	Energy products (Pmax) reading after 30 Min (Watt): 30	Remark	<input type="checkbox"/>
	Total water discharge		<input type="checkbox"/>




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Inspection Report

11	Total water discharge reading after 15 Min (ltr): 20	Remark <input type="checkbox"/>
12	Total water discharge reading after 30 Min (ltr): 30	Remark <input type="checkbox"/>

Upload Site Photos


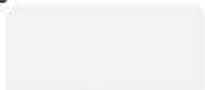




Landmark
Landmark


Photo with beneficiary and officer.

Authentication

Officer Name	Vendor Representative
Section Agent	Ramesh Gavali
Officer Sign	Vendor Representative Sign






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Inspection Report

Section Agent	Ramesh Gavali
Officer Sign	Vendor Representative Sign





Present Person Name	Relation With Beneficiary
Arjun Dagadu Hivarkar	Self


Present Person Sign

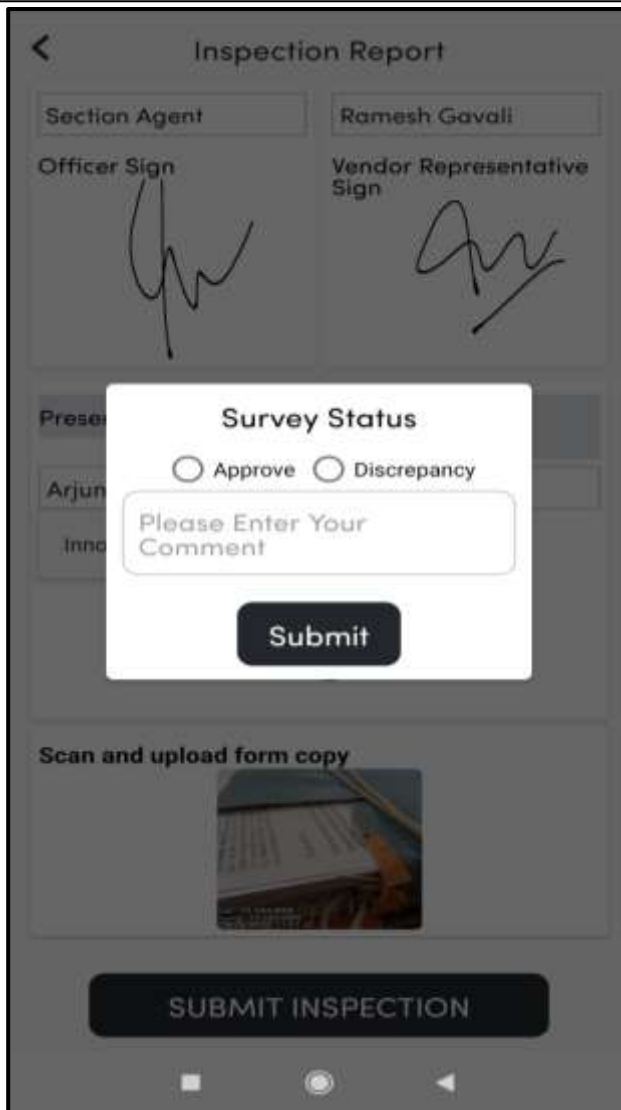


Scan and upload form copy




SUBMIT INSPECTION





The screenshot shows the 'Inspection Report' form. At the top, there is a back arrow and the title 'Inspection Report'. Below this, there are two input fields: 'Section Agent' with the value 'Ramesh Gavali' and 'Officer Sign' with a handwritten signature. To the right, there is a 'Vendor Representative Sign' field with a handwritten signature. Below these, there is a 'Present Person Name' field with the value 'Arjun' and a 'Relation With' field with the value 'Inn'. A 'Survey Status' dialog box is overlaid on the form, containing two radio buttons: 'Approve' (selected) and 'Discrepancy'. Below the radio buttons is a text input field labeled 'Please Enter Your Comment' and a 'Submit' button. At the bottom of the form, there is a 'Scan and upload form copy' section with a placeholder image and a 'SUBMIT INSPECTION' button.



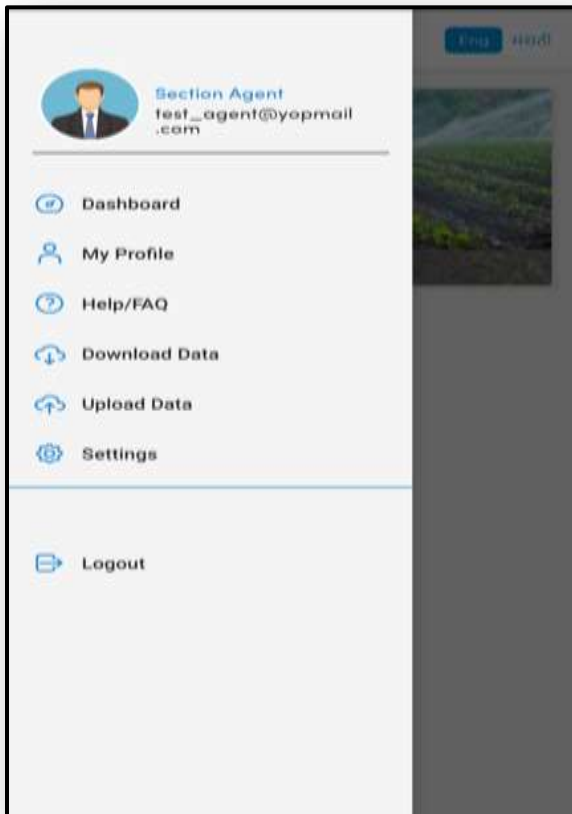
The screenshot shows the 'Inspection Report' form with a 'Success' dialog box overlaid. The dialog box contains the text 'Success' and 'Data is submitted successfully.' with an 'OK' button. The background form is dimmed, showing the same fields as the previous screenshot. A virtual keyboard is visible at the bottom of the screen.

NOTE: (i) If any Pump installation is done in network area then their data get automatically fetched.

(ii) And if any Pump installation is not in network area then have to click on "Fetch RMS Data" button and in this situation the data will get fetched by Bluetooth functionality.

(iii) If any pump installation is done in network area but then also if there is network issue then have to click on "Fetch RMS Data" button and in this situation the data will get fetched by Bluetooth functionality.

After filling the data if the section agent is in network area the data will get submitted successfully, the beneficiary will be shown in 'Completed Data' of the Upload Data field. But if data is submitted and there is no network, then it will be saved in the 'Pending Data' of the Upload Data field.



Upload data:

Once inspection Report is submitted, the data will be shown into "Upload Data" field from the menu drawer.

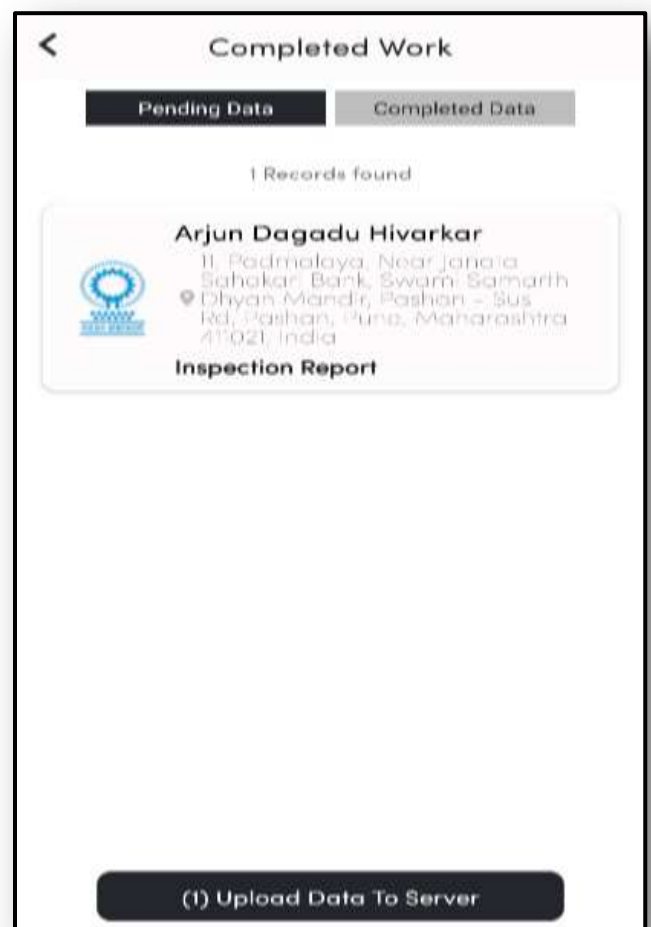
Upload data field will show the data into two forms:

1. Pending Data
2. Completed Data

Pending Data:

If the section agent is in no network area during the data filling, then the data will be stored and display in the "Pending data" tab under the 'Upload Data' field.

Once the Section agent comes into the network area, he can upload all the data which is in "Pending data" tab by clicking on the "Upload Data to server" button.



**Completed Data:**

If the section agent is in the network area, then the submitted report will get uploaded directly on the server and that report will be shown in the Complete Data field.