

**USER MANUAL**

**OF**

**PO INSPECTION APPLICATION**

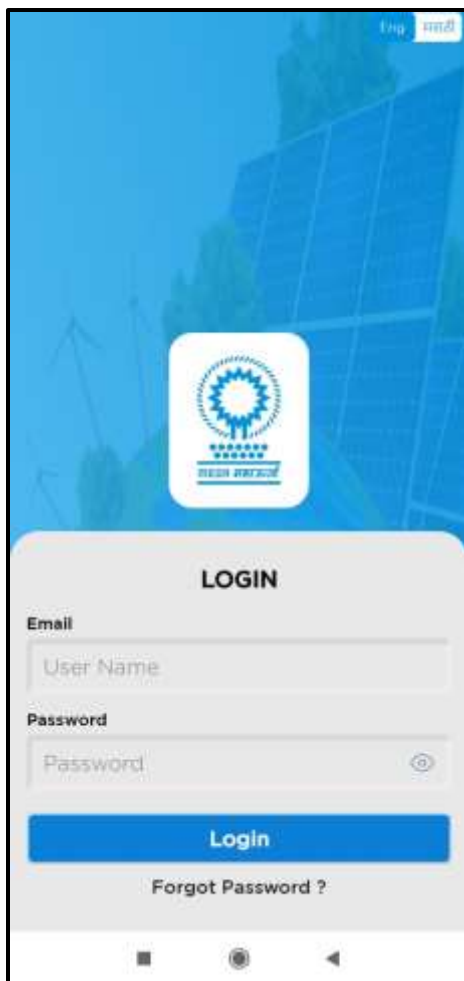
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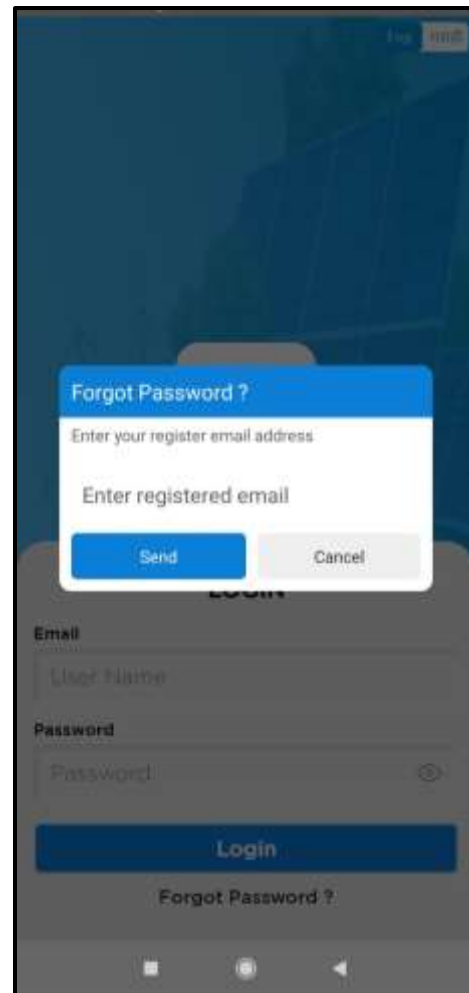
## PO Inspection Application:

A Descriptive text message and push notification will be sent to the allocated PO with the URL of the Play store uploaded android application through which he will be able to download & install the application.

- User can get logged in by using the valid credentials.
- If User forgot their password or want to change it by clicking on “Forgot Password” tab then user get forgot password link on their registered mail id. And from that link user able to change their password.



Login Screen



Forgot Password

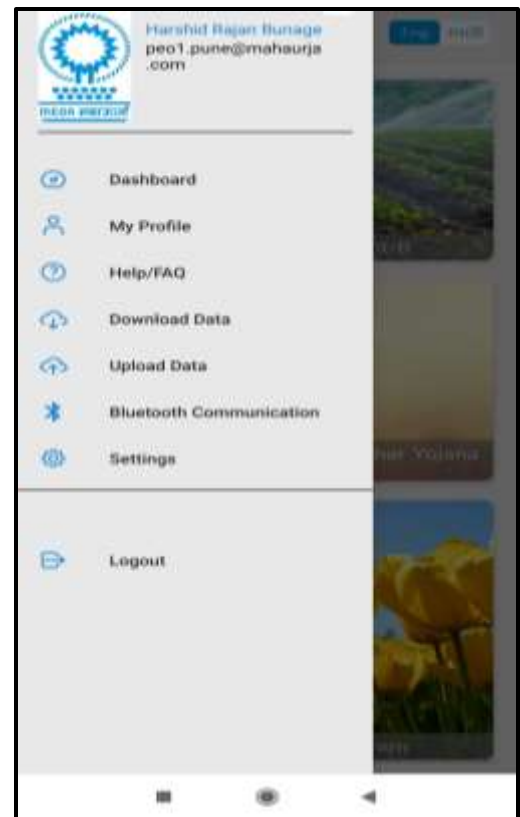
## Dashboard:

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

Menu  
Drawer



**Dashboard Screen**



**Menu Drawer**

## Download Data:

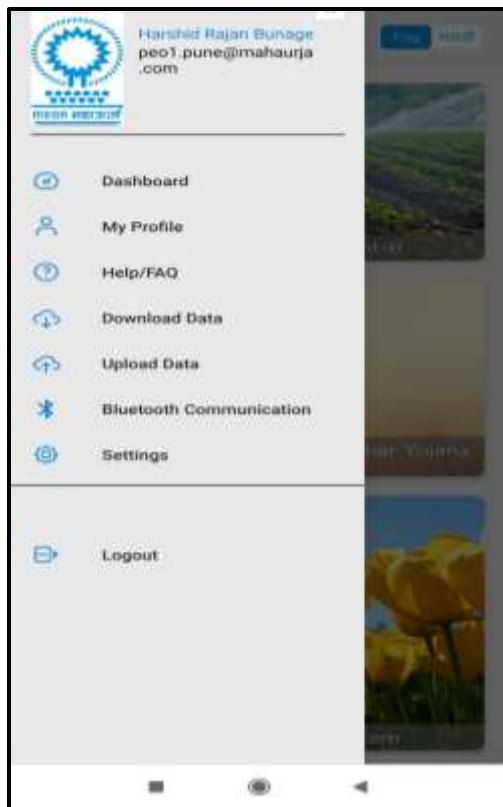
After the Third-party inspection vendor completes their 50% allocated work it will get updated to the respective DGM logins and notified. The DGM from respective offices will then assigns the remaining 50% inspection work to their respective PO, PO get to know about their assigned work through message.

Before starting inspection firstly, the respective PO should download the beneficiary data (if travelling in a no network area for site visit) by click on 'Download data' which is in menu drawer section. In

such case the PO can fill the data in offline mode. And once he come 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 PO is already logged in to the application (running session), he will receive a push notification, but the newly assigned beneficiary will not show to respective PO unless he click on the “download data”.

Once they click on the download data, PO will able to see the assigned beneficiary list.




**Menu Drawer**

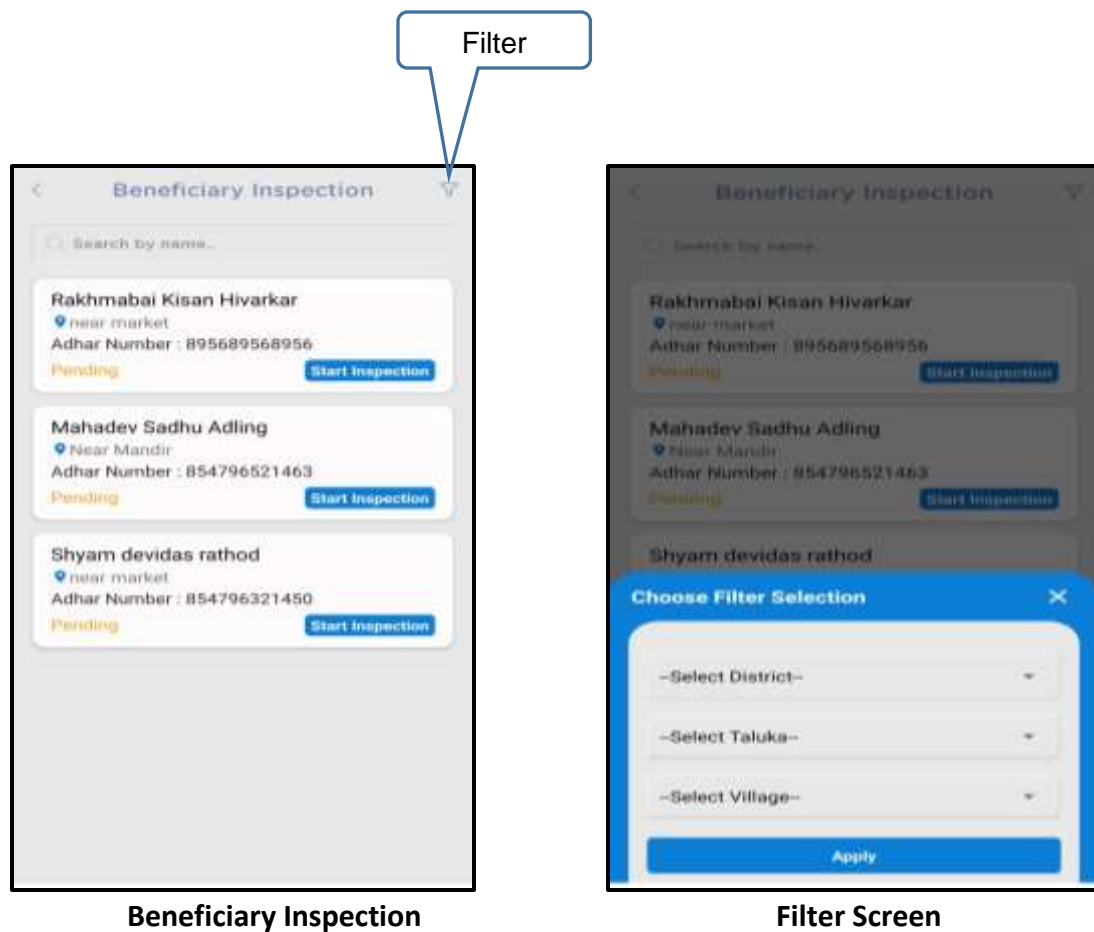


**Dashboard Screen**

- Click on any scheme which is shown in dashboard screen.

### Beneficiary Inspection:

- After selecting the scheme, the beneficiary list will be shown on the beneficiary inspection Screen.
- And also from this same screen PO can filter out the beneficiary list by clicking on filter icon  By selecting particular District, Taluka and Village, he will be able to sort out the beneficiary.



From the Beneficiary Inspection list, click on 'Start Inspection' button of the respective beneficiary and after that PO will be able to start their inspection.

Once click on 'Start inspection' button PO will be able to see the inspection report form.

### Inspection Report:

Inspection Report

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Kusum Yojana Component-B

 Simple Park,Kale Colony, Pune, Sasane Nagar, Hadapsar, Pune, Maharashtra 411028, India

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Lat Long    18.4949937, 73.9333197

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Beneficiary Name : Mahadev Sadhu Adling

**Vendor Details**

Vendor Name : Shakti-Pump

Category : Govt.

Address : Kolhapur

IEC Certificate : 

Date of validity : 2021-04-15


Work Order Number : KU2465

Work Order Date : 2020-02-21

Sr. No	Details	Whether the establishment is done.(Yes/No)
<b>Part A (By the Installer)</b>		
1	Solar PV Array Capacity: <span style="color: blue;">27</span>	Remark <input type="checkbox"/>
2	Whether RFID tag is pasted or not ?	Remark <input type="checkbox"/>

VERIFY INSPECTION

Inspection Report		
2	Whether RFID tag is pasted or not ? <b>Yes</b>	Remark <input type="checkbox"/>
3	Tag is Inside or Outside ? <b>Inside</b>	Remark <input type="checkbox"/>
4	RFID Tag Remark: <b>done</b>	Remark <input type="checkbox"/>
5	Support Structure Seasonal Tilt Angle adjustment provided or not? <b>Yes</b>	Remark <input type="checkbox"/>
6	Motor Capacity (HP/ KW): <b>3HP-DC</b>	Remark <input type="checkbox"/>
7	Motor Max. Total Dynamic head (Specify suction head in case of surface pumps) Mention with unit Feet Or Meter: <b>20</b>	Remark <input type="checkbox"/>
8	RMS ID:	Remark <input type="checkbox"/>





< **Inspection Report**

9	day with three times tracking of SPV panel when solarradiation on panel surface is 7.15 KWH sq.m day: <b>100</b>	Remark <input type="checkbox"/>
10	IMEI Number:	Remark <input type="checkbox"/>
11	Electronics/controls MPPT provided or not? <b>Yes</b>	Remark <input type="checkbox"/>
12	Electronics/ controls MPPT Remark: <b>done</b>	Remark <input type="checkbox"/>
13	Technical Person Trained to maintain the system name of the person with Mobile no.: <b>ram 9087654312</b>	Remark <input type="checkbox"/>
14	Date of Commissioning <b>18-03-2021</b>	Remark <input type="checkbox"/>

**Next**

**VERIFY INSPECTION**

< **Inspection Report**

14	Commissioning <b>18-03-2021</b>	Remark <input type="checkbox"/>
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**Part B (By the Beneficiary)**

1	Whether training was provided by installer for operation and maintenance: <b>Yes</b>	Remark <input type="checkbox"/>
2	Whether the I-V curves of all modules documents provided ? <b>Yes</b>	Remark <input type="checkbox"/>
3	Whether the Warranty card for system document provided? <b>Yes</b>	Remark <input type="checkbox"/>
4	Date of handing over of the system <b>18-03-2021</b>	Remark <input type="checkbox"/>

**Next**

**Upload Site Photos**

**VERIFY INSPECTION**



### < Inspection Report

#### Part C

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

**VERIFY INSPECTION**

### < Inspection Report

#### Other Details

1	Controller ID: <b>83636372</b>	Remark <input type="checkbox"/>
2	Water use irrigation system: <b>crop</b>	Remark <input type="checkbox"/>
3	Water Base Level (Max. Meter): <b>20</b>	Remark <input type="checkbox"/>
4	Water Level (Meter) : <b>10</b>	Remark <input type="checkbox"/>
5	Panel Structure (Series / Parallel): <b>Series</b>	Remark <input type="checkbox"/>
6	Panel No.: <b>837373729</b>	Remark <input type="checkbox"/>
7	RCC Foundation: <b>done</b>	Remark <input type="checkbox"/>
8	Land leveling: <b>done</b>	Remark <input type="checkbox"/>
9	RMS Manufacture name & capacity: <b>solar 2hp</b>	Remark <input type="checkbox"/>
	Energy accumulation	

**VERIFY INSPECTION**

### < Inspection Report

9	RMS Manufacture name & capacity: <b>solar 2hp</b>	Remark <input type="checkbox"/>
10	Energy accumulation controlling box: <b>45b</b>	Remark <input type="checkbox"/>
11	PV Panel Serial No.: <b>7373738</b>	Remark <input type="checkbox"/>
12	PV Panel Manufacture name: <b>agro</b>	Remark <input type="checkbox"/>
13	Solar energy accumulation energy pressure: <b>20p</b>	Remark <input type="checkbox"/>
14	Solar energy accumulation Capacity: <b>10c</b>	Remark <input type="checkbox"/>
15	Distance from storage water tank to Pump: <b>30</b>	Remark <input type="checkbox"/>
16	Height (Head) Minimum water level in summer to Maximum water	Remark <input type="checkbox"/>

**VERIFY INSPECTION**

### < Inspection Report

18	Pipe Type (HPPE / GI): <b>HPPE</b>	Remark <input type="checkbox"/>
19	Controller Serial No.: <b>836373</b>	Remark <input type="checkbox"/>
20	Solar Panel Production Serial No.: <b>737373</b>	Remark <input type="checkbox"/>
21	Controller Vendor Name: <b>solar</b>	Remark <input type="checkbox"/>
22	Controller Capacity: <b>3hp</b>	Remark <input type="checkbox"/>
23	Project name panel in prescribed format: <b>Yes</b>	Remark <input type="checkbox"/>
24	Earthing Kit: <b>Yes</b>	Remark <input type="checkbox"/>
25	Lightning Arrester: <b>Yes</b>	Remark <input type="checkbox"/>
26	Insurance P.O. No.: <b>8373738</b>	Remark <input type="checkbox"/>

**Solar System details at the time of**
**VERIFY INSPECTION**

### < Inspection Report

#### Solar System details at the time of inspection

1	Maximum voltage(Vmax) initial reading (Vmac): <b>20</b>	Remark <input type="checkbox"/>
2	Maximum voltage(Vmax) reading after 15 Min (Vmac): <b>30</b>	Remark <input type="checkbox"/>
3	Maximum voltage(Vmax) reading after 30 Min (Vmac): <b>40</b>	Remark <input type="checkbox"/>
4	Maximum power flow (Imax) initial reading (AMP): <b>20</b>	Remark <input type="checkbox"/>
5	Maximum power flow (Imax) reading after 15 Min (AMP): <b>30</b>	Remark <input type="checkbox"/>
6	Maximum power flow (Imax) reading	Remark <input type="checkbox"/>

**VERIFY INSPECTION**

### < Inspection Report

7	(Pmax) initial reading (Watt): <b>20</b>	Remark <input type="checkbox"/>
8	Energy products (Pmax) reading after 15 Min (Watt): <b>30</b>	Remark <input type="checkbox"/>
9	Energy products (Pmax) reading after 30 Min (Watt): <b>40</b>	Remark <input type="checkbox"/>
10	Total water discharge initial reading (ltr): <b>20</b>	Remark <input type="checkbox"/>
11	Total water discharge reading after 15 Min (ltr): <b>30</b>	Remark <input type="checkbox"/>
12	Total water discharge reading after 30 Min (ltr): <b>40</b>	Remark <input type="checkbox"/>



#### Upload Site Photos



**VERIFY INSPECTION**

< Inspection Report

**Upload Site Photos**



structure

panel

beneficiary


**Authentication**

Inspection Officer


Harshid Rajan Bunage

Vendor Representative

Vendor Representativ



Sign here




Sign here

Present Person Name

Mahadev Sadhu Adlir


Relation With Beneficiary

Self



Present Person Sign

Scan and upload form copy



**VERIFY INSPECTION**

< Inspection Report


**Authentication**

Inspection Officer

Harshid Rajan Bunage

Vendor Representative

Shyam sarda



Verification Status


☒ Approve ☐ UnApprove

Done

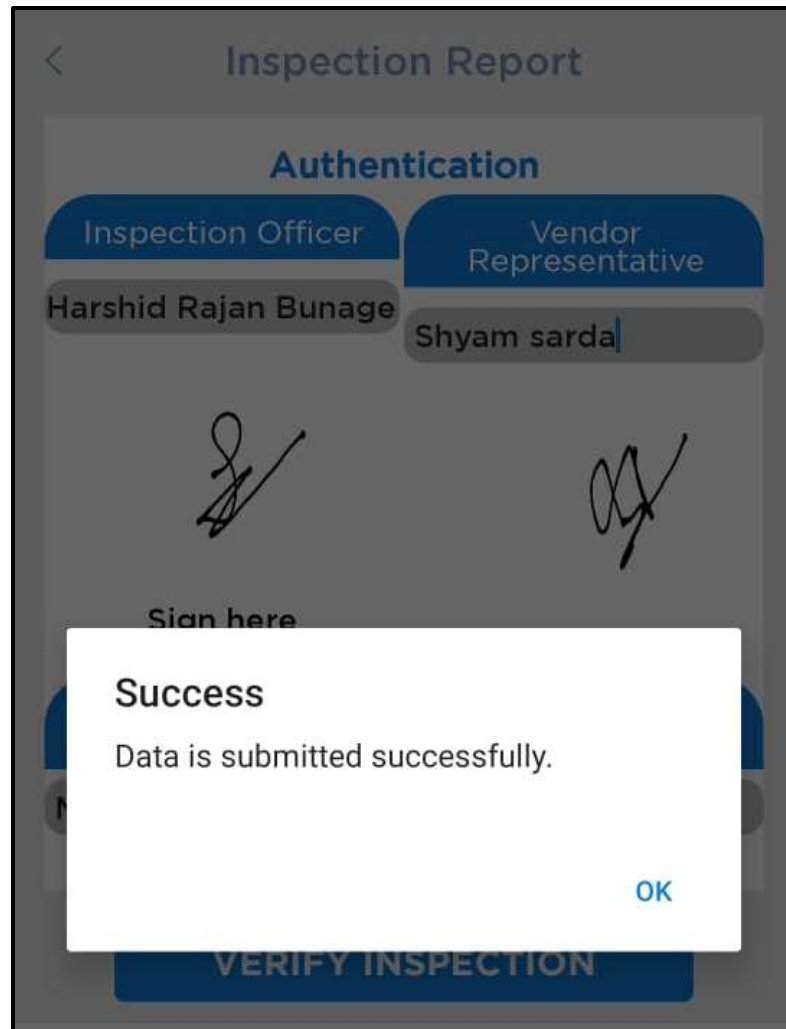
**Submit**

Present Person Sign

Scan and upload form copy



**VERIFY INSPECTION**



The screenshot displays the 'Inspection Report' screen. At the top, there is a back arrow and the title 'Inspection Report'. Below this is an 'Authentication' section with two columns. The first column is for the 'Inspection Officer' with the name 'Harshid Rajan Bunage' and a signature. The second column is for the 'Vendor Representative' with the name 'Shyam sarda' and a signature. Below the signatures is a 'Sign here' label. A white modal box in the center shows a 'Success' message: 'Data is submitted successfully.' with an 'OK' button. At the bottom, there is a 'VERIFY INSPECTION' button.

**Inspection Report Screen**

**NOTE:** (i) There is Bluetooth functionality for fetching the RMS data when if Pump is in no network area so this kind of Bluetooth functionality to transfer the data from Pump to inspection app in network shadow area should be convey to vendor while giving the word order itself.

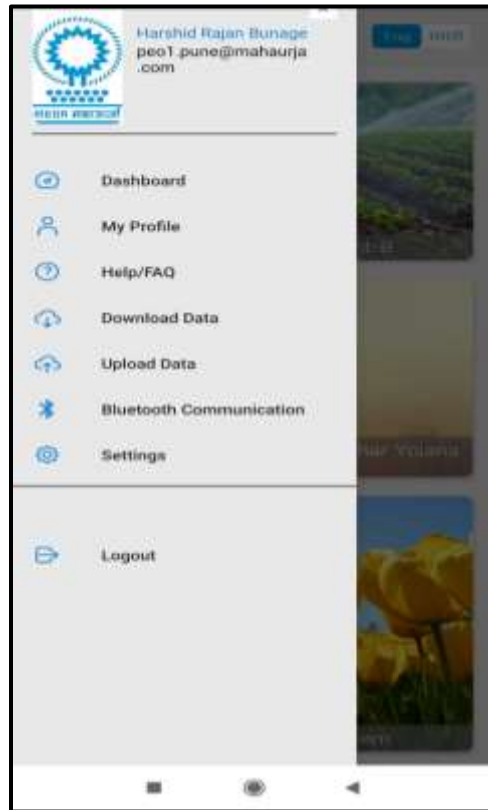
Once inspection done by PO and the filled form is submitted successfully, the beneficiary will be shown in 'Completed Data' of the Upload Data section which is in Menu drawer.

But if data is filled in the form and ready to be submitted but 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, it will show the data into “Upload Data” section which is in Menu drawer.



**Menu Drawer Screen**

From Menu drawer click on Upload data Section it will show the data into two forms:

1. Pending Data
2. Completed Data

## Pending Data:

If the respective PO 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 PO 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 PO 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.



**Pending Data Screen**



**Completed Data screen**