



Pradhan Mantri Fasal Bima Yojana

Ministry of Agriculture & Farmers Welfare

CROP CUTTING EXPERIMENT User Manual – Primary Workers

About - Crop Cutting Experiment Application



- Crop cutting experiments are regularly conducted through stratified random sampling technique taking block as a primary unit of planning in order to obtain fair, precise and accurate estimate of yield of crops
- CCE Agri is an online based mobile app designed to conduct CCEs. as most of the rural areas have a poor network connection, CCE app is designed in such a way that data can be collected even without internet connection
- CCE Agri App works in both online and offline mode. An active internet connection is needed only to download the app and to complete the registration and login process. the data entered in the offline mode in the app gets saved automatically and is uploaded to the server as soon as the device is connected to the internet



State User Roles – CCE

State Admin

- Create District CCE user & District Nodal PMFBY
- State admin can assign role of District CCE user to District Nodal PMFBY or vice versa from user management dashboard

State CCE User

- Registered by State admin, to monitor all CCE district admins and view state level CCE progress reports)

PMFBY district admin/District Nodal PMFBY

- Registered by State admin, to view monitoring reports at district level, can be assigned as CCE district user by state admin

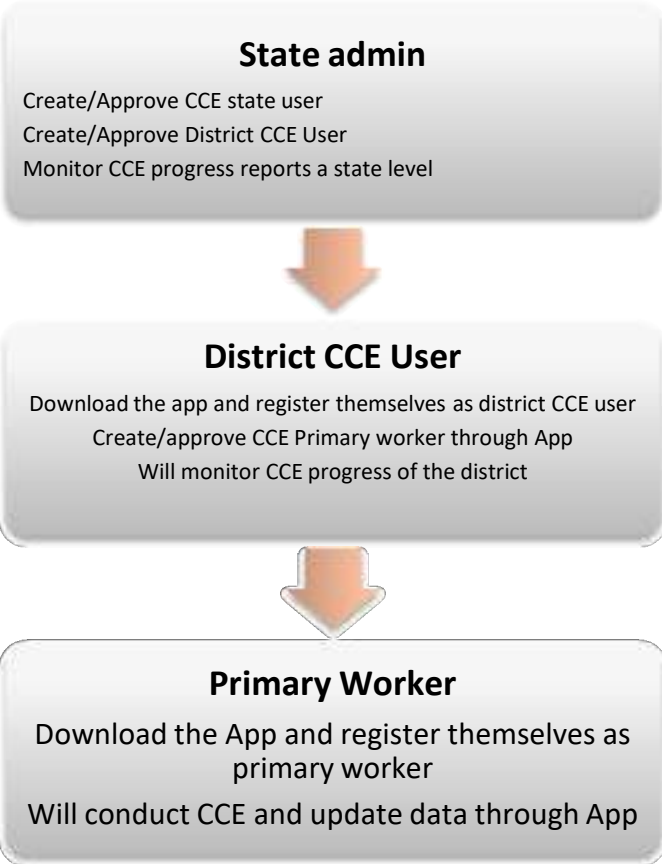
CCE district User

- Registered by state admin to manage and approve CCE primary workers through APP and web itself
- District CCE user cannot upload CCE data, primary worker will only be allowed to update CCE data
- CCE district user will work as a District head of CCE implementation.
- CCE district user can download the app and register themselves as district CCE User

Primary Worker : (ONLY THIS USER CAN UPLOAD CCE DATA)

- Can Self register from the app
- Will be approved by district CCE user from the app itself
- District CCE User can create Primary workers

CCE - User Flow



Crop Cutting Experiment (CCE) – Mobile Application

Download APP



Welcome to Crop Cutting
Experiment App

CCE App – Downloading

Go to google play store and search “ CCE App” or Go to home page, www.pmfby.gov.in and at the bottom of home screen , find link to google play <https://play.google.com/store/apps/details?id=com.farmguide.imagine.ccecentral.release>

CCE App – Splash Screen

Splash Screen; will reflect on mobile screen after clicking on CCE App



User Manual + Primary Workers

Welcome Screen



Welcome to Crop Cutting
Experiment App

Register

Sign In

Having problem ? [Report Us.](#)

Sign In

Sign In:- If you have been already registered, click on sign in to login further

Register

Register – If you are a new user, you can register here

How to Register Step by Step

Step - 1

The screenshot shows a registration form with the following fields and values:

- State: MAHARASHTRA
- User Type: Primary Worker
- Designation: Gramsevak
- District: Select...
- Taluka: (empty)
- Grampanchayat: (empty)

A large orange button labeled 'NEXT' is located at the bottom of the form.

1- Primary worker

There are two options present in Designation field

- Primary Worker
- District CCE Admin

2- District CCE User

Registration in CCE Agri

After selecting the designation, a "Primary user" is expected to enter details of different region levels based on the location. For example, a user from Maharashtra enters details of the District, Tehsil/Sub Tehsil, and Gram Panchayat, Bottom fields are multi selectable.

Once all the details are filled, the user can click on 'Next' to proceed further.

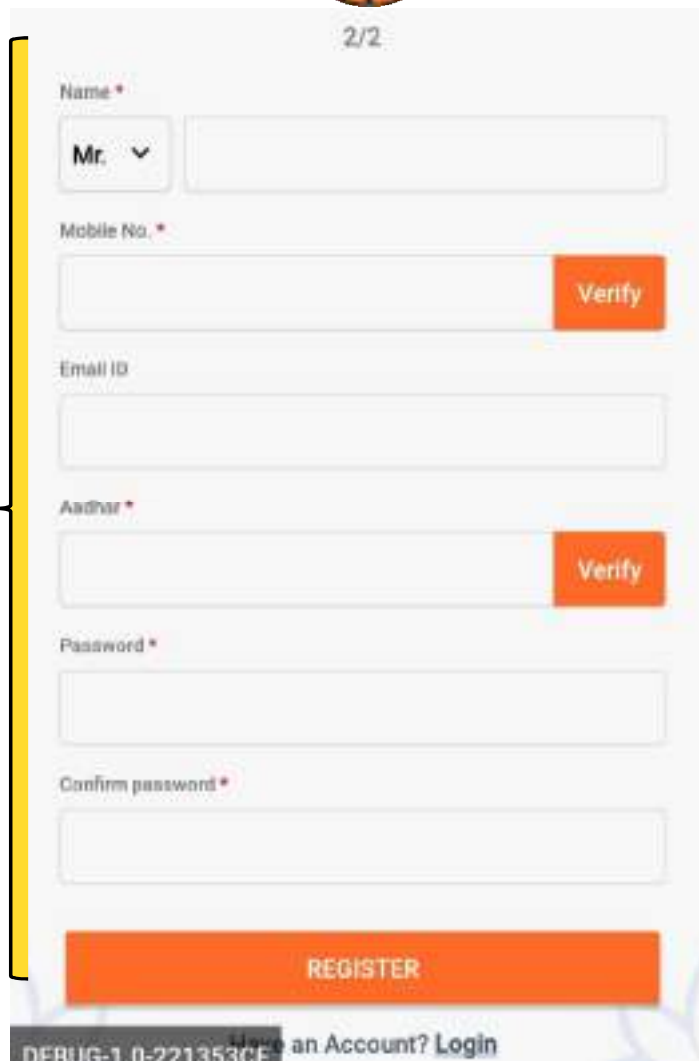


How to Register Step by

Step - 2

Registration in CCE Agri app

In the second step of registration, the user is expected to enter details such as Name, Mobile number, Aadhar card number. The user can set a password in this step



2/2

Name *

Mr.

Mobile No. *

Email ID

Aadhar *

Password *

Confirm password *

DEBUG-1.0-221353CE [Don't have an Account? Login](#)

Note :- After the registration process, the “Primary worker” is expected to wait for the respective District CCE user to approve the self register application.

How to Register Step by

Step – 2.1



OTP Verification

The user is expected to enter the OTP.

Note :- After the registration process, the “Primary worker” is expected to wait for the respective District CCE user to approve the application to register

How to Register Step by

Step – 2.2

2/2

Name *

Mr. ▾

Mobile No. *

9688683335 ✓

Email ID

Aadhar *

6757-9644-3495 ✓

Password *

DEBUG-1.0-221353CE

1 2 3 -

4 5 6 ▾

7 8 9 ⊗

, 0 . →

Aadhar / Mobile Verification

The mobile number of the user is verified through OTP verification. The Aadhar number of the user is verified automatically.

Note :- After the registration process, the “Primary worker” is expected to wait for the respective District CCE user to approve the application to register

How to Sign In Step by Step

Step - 1



Mobile Number

Password

 Password Incorrect

Get OTP

Dont have an [Account?](#)

[Forget Password?](#)

Incorrect or Forgot Password

User needs to enter the correct password here.

User will get an OTP on the mobile number entered above

Click here if you forgot your password.

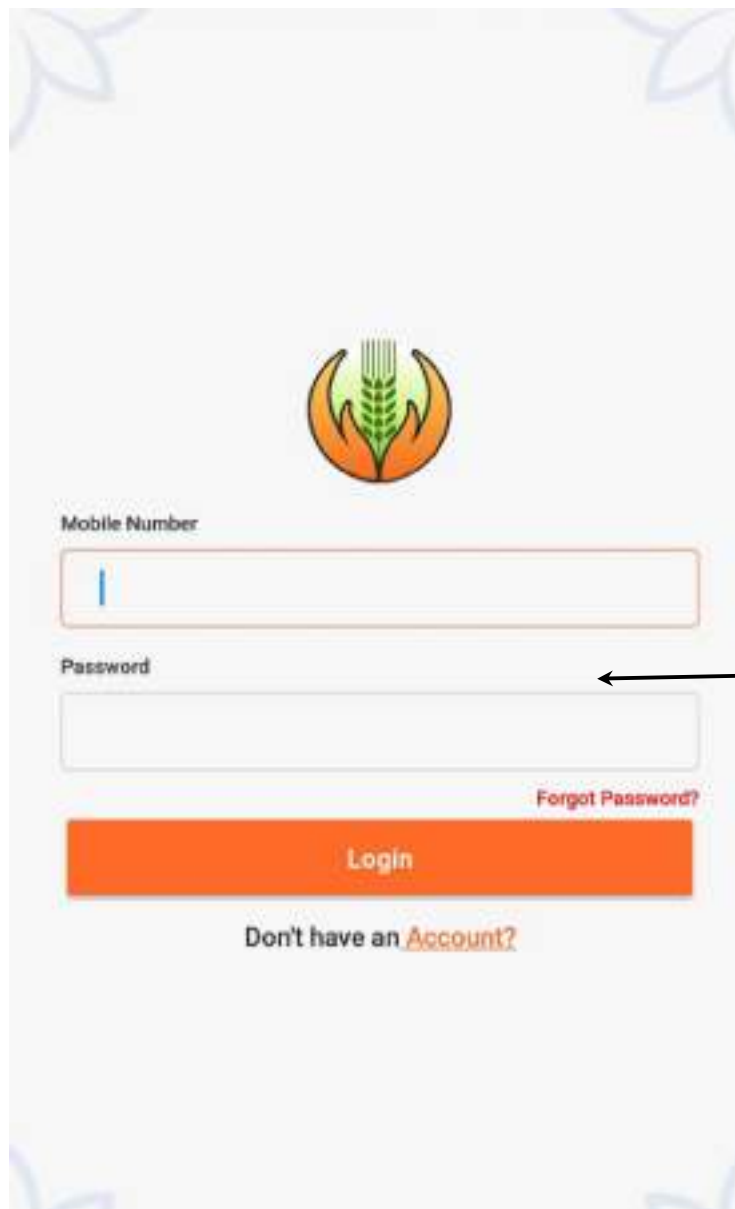
In case the user forgets the password, he/she is expected to click the 'Forgot Password' option. The user is then expected to enter the registered mobile number and select medium through which he/she wishes to receive the OTP. The user can set a new password after successful OTP verification.

How to Sign In Step by Step

Step - 2

How to Login

Registered users can login using mobile number and created password



Mobile Number

Password

Forgot Password?

Login

Don't have an [Account?](#)

Sign In :- An old user

The user is expected to enter the registered mobile number as username and password to login to the portal.

Primary worker:- Once the application is approved, the user can login

How to Sign In Step by Step

Step - 3



Change password

Mobile Number

Change Password

User needs to enter registered mobile number

User will get OTP on registered mobile number

How to Sign In Step by Step

Step - 4

The screenshot shows the 'My Profile' screen with an orange header. Below the header is a 'Change Password' section. It contains three text input fields: 'Old Password *', 'Password *', and 'Confirm Password *'. At the bottom of this section is a large orange 'Save' button.

Change Password

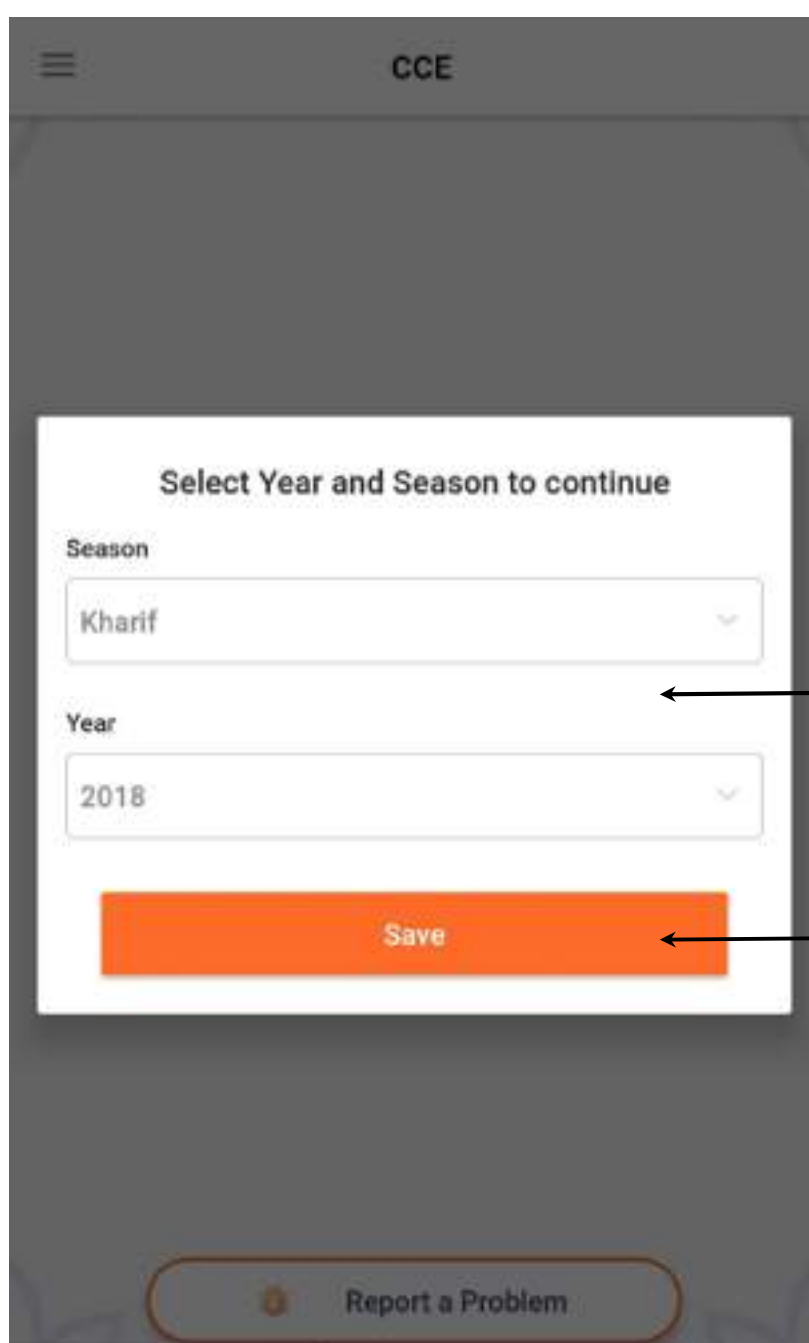
User can change the password here

User needs to confirm password entered

User needs to click on save button to save new password

How to Sign In Step by Step

Step - 1



Season / Year

The user is expected to select season of crop and year can change the password here he need to enter new password at this window

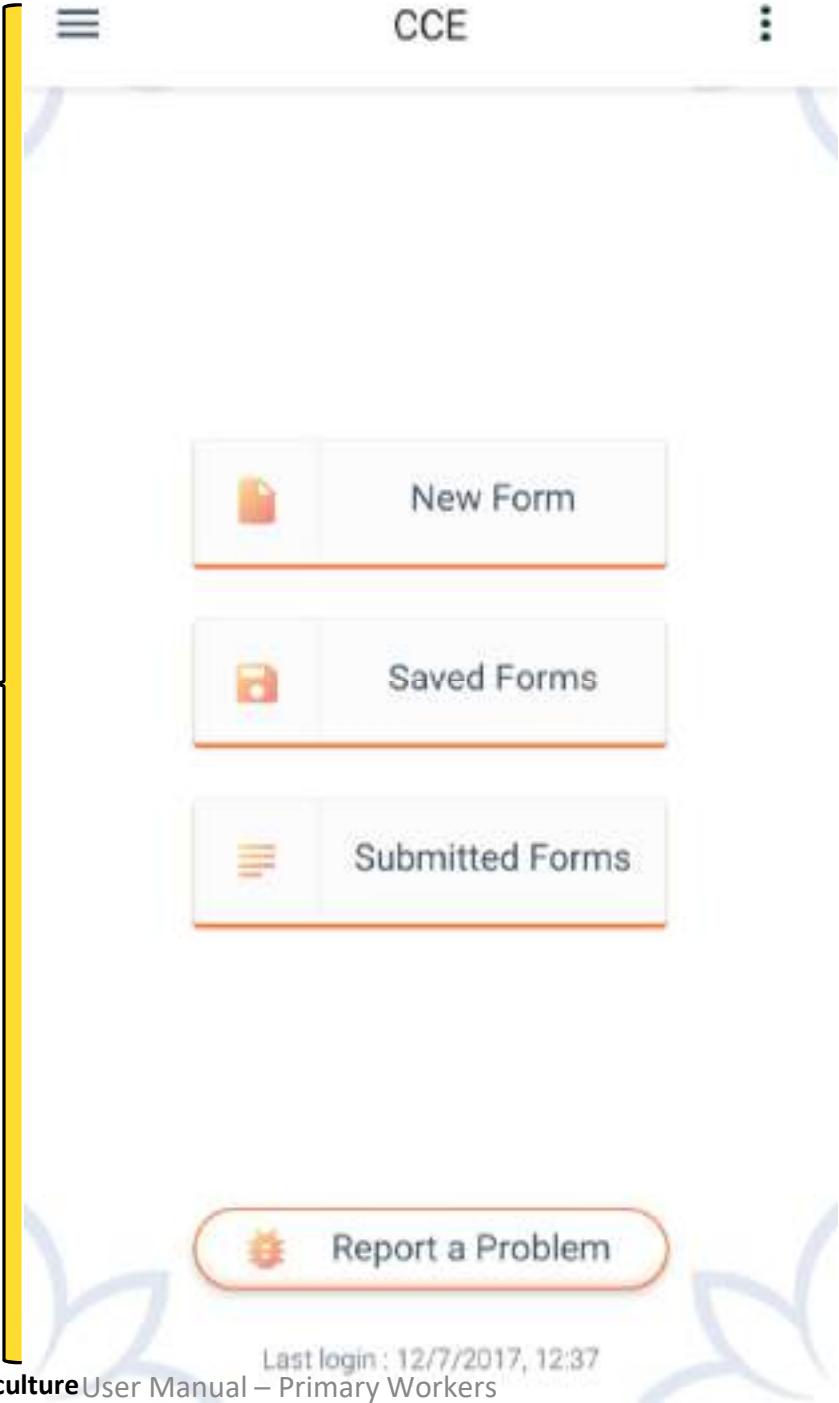
Once season and year are selected, the user can click on 'Save' to proceed further.

Crop Cutting Experiment (CCE) – Mobile Application

Primary worker

The primary worker has 3 tabs on the home screen

1. New Form
2. Saved Forms
3. Submitted Forms



How to fill form Step by Step

Step - 1

New Form

Part-1 :- Field Overview and Estimated CCE

There are two parts of the form a primary user can fill. The user can access the second part of the form only after the completion of Part 1 form

← New Form ⋮

Select Step from the Dropdown

1 Part 1 - Field Overview & Est. CCE

2 Part 2 - Field & Harvest Details ▾

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 1 Step by Step

Step - 2

Fill - 1

After opening the form by clicking the 'Field Overview and estimated CCE' option, the user is expected to select the 'Season' and fill in the required details like – State, Scheme, district, tehsil, block etc.

The screenshot displays the 'New Form (Part 1)' interface on a mobile device. At the top, the status bar shows the time as 8:00 AM, 55% battery, and a signal strength indicator. The app title 'New Form (Part 1)' is centered at the top. Below the title, the 'Experiment no.' is displayed as '051822PTH34781'. The main section is titled 'Field Overview' and contains several input fields:

- State:** A text field containing 'MAHARASHTRA'.
- Scheme:** A text field containing 'PMFBY'.
- Season:** A text field containing 'Kharif'.
- Year:** A text field containing '2018'.
- District *:** A text field containing 'Aurangabad'.
- Crop Name *:** A dropdown menu with 'Select...' and a downward arrow.
- Tehsil *:** A text field containing 'Gangapur'.
- RevenueCircle *:** A dropdown menu with 'Select...' and a downward arrow.
- GramPanchayat *:** A dropdown menu with a downward arrow.
- Village *:** A dropdown menu with a downward arrow.

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 1 Step by Step

Step - 3

Fill - 2

There are two parts of the form a primary user can fill. The user can access the second part of the form only after the completion of Part 1 form.

Village *

Survey No. / Khasra No. / Khata No. *

Total Area of Selected Field *

 select one

Length of the Selected Field(in METERS) *

Breadth of the Selected Field(in METERS) *

Farmer Present

Name of Farmer *

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 1 Step by Step

Step - 4

Fill - 3

The user is expected to select a date on which harvest is likely to happen

The primary user is expected to click and upload pictures by clicking 'Upload Pictures'. The user can upload a maximum of 3 pictures in this part of the form

Farmer Mobile

Farmer Aadhar

Probable Date fo Harvest *

Attach Photos with Coordinates

Upload Pictures

Please add At least one photo in each category

Field Overview

DEBUG-1.0-19B68AEF Submit

User need to click on submit button to save the details.

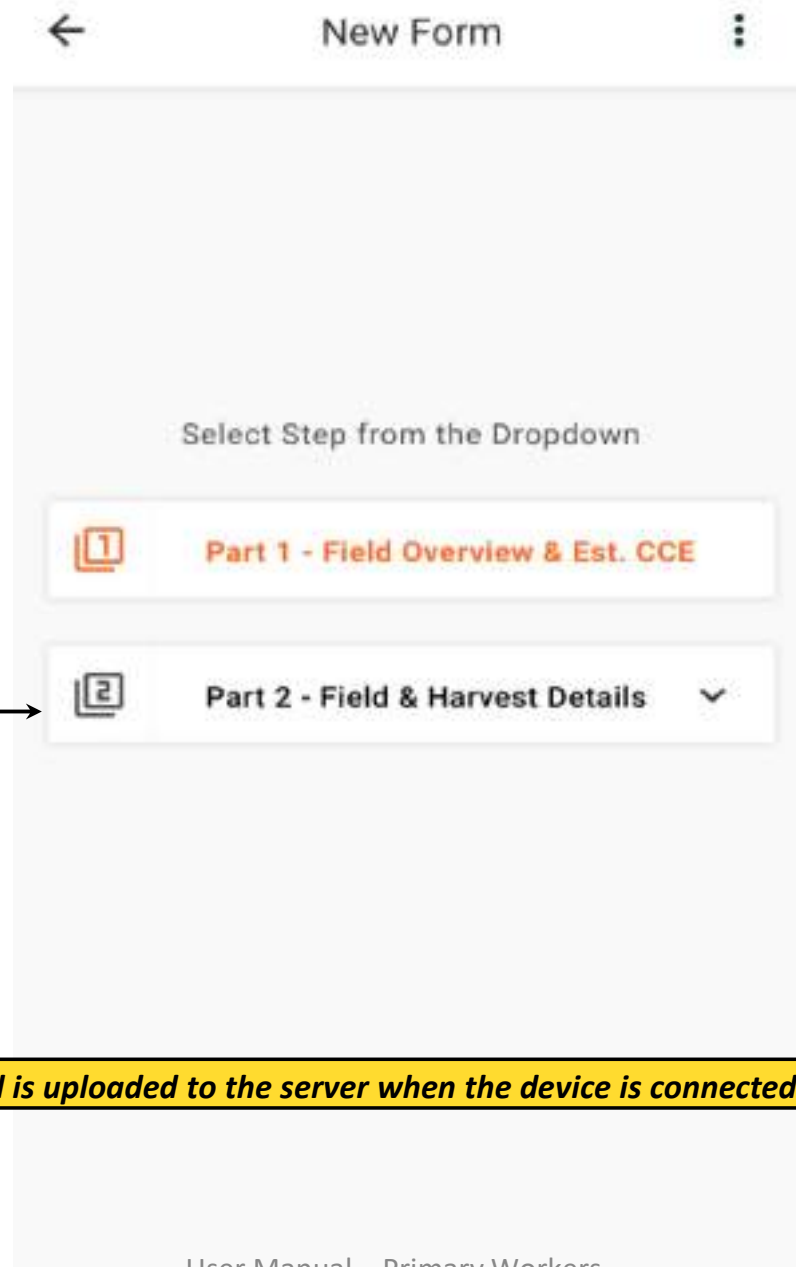
Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step - 1

Part - 2

Part 2 – Field & Harvest Details.



The form is saved automatically and is uploaded to the server when the device is connected to an active internet connection

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step – 2

Fill - 1

CCE field Selection and Images

The Total Area of Selected Plot is auto filled using the information of the previous form.

The user can then select the Date of Sowing and select the time of sowing from the options Early, Normal and Late. (from backend)

The screenshot shows a mobile application interface for 'New Form (Part 2)'. At the top, it displays 'Experiment no. : 04012718001', 'Village: Navargaan', and 'Survey No. / Khata No. / Khata No. : 253'. Below this is the 'CCE Field Selection & Images' section. It contains several input fields: 'Total Area of Selected Field' (0.55 Hectare), 'CCE Plot Size *' (100 Sq. Meter), 'Length of Field (in Meters) *' (10), and 'Breadth of Field (in Meters) *' (10). There are also two empty boxes for 'Enter Random Numbers: *', a dropdown for 'Land Type *' (select one), and a date picker for 'Date of Sowing *'. Below these are three buttons for 'Time of Sowing *': 'Early' (highlighted in blue), 'normal', and 'late'. A date picker for 'Date of Cutting *' shows '23-07-2018'. At the bottom, there are sections for 'Weighing Operation' and 'T-2 Yield Data', and a 'Save' button.

The Date of Cutting is auto filled as current date. The primary user is expected to click 'Upload Pictures'

Part 2 – Field & Harvest Details

Part 2 – Field & Harvest Details

The second part of the form consists of 5 different stages.

- CCE field selection and Images
- CCE Area Specification & Area Images
- Weighing Specification
- Harvest Specification
- Approval/Verification

← New Form ⋮

Select Step from the Dropdown

1 Part 1 - Field Overview & Est. CCE ✓

2 Part 2 - Field & Harvest Details ^

CCE Field Selection & Images ✓

CCE Area Specification & Area images

Weighing Specification

Harvest Specification

Approval / Verification

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step - 1

CCE Area Specification and Area Images

The crop name is auto filled as selected in form 1

The user is expected to click photographs of 4 different types They are,

- Field Overview
- Crop Cut Area
- Weighing Operation
- Form- 2/8 table 2B

*The user can upload a maximum of three photographs in each category.
The user can submit the form successfully after clicking the required pictures*

New Form (Part 2)

Experiment no. : 04012718001

Village: Nevargason | Survey No. / Khasra No. / Khata No. : 253

CCE Area Specification & Area Images

Crop Name *
Black Gram (urd Bean)

Crop variety *
Local

Attach Photos with Coordinates

Upload Pictures

Please add At least one photo in each category

Field Overview

Image 1 23-07-2018

Geo- Coordinates: Latitude : 18.524405 Longitude : 73.872536

Photo CCE Area

Weighing Operation

T-2 Yield Data

DEBUG-1.0-221353CE Save

The user is then expected to select Crop Variety. The options provided are Local, HYV (High Yielding Variety) and Hybrid. (from backend)

Once all the details are filled, the user can click on 'Save' to proceed further.

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step - 2

Date Of Taking Dry Weight *

Dried & Harvested At
 Field Other Places

Driage Ratio *
0.94

Green Weight (In Grams) *

Dry Weight (In Grams)

Production obtained through CCEs
 Normal Good Bad

Remarks about Production observed
Start writing here

Attach Photos with Coordinates

Please add At least one photo in each category.

Field Overview

Image 1	20-08-2018
Geo- Coordinates:	Latitude : 28.816556 Longitude 77.213493

The primary user is expected to end date of taking dry weight, then select where the crop was dried and harvested at - 'field' or 'other places'.

The user is expected to enter wet/green weight. Dry weight and moisture/driage are updated automatically on changing other value(s).

The user can add any remarks about the production observed. This is an optional feature and the user can skip it.

The user is expected to click photographs of 4 different types. They are,
- Field Overview
- Crop Cut Area
- Weighing Operation
- Form- 2/8 table 2B

Primary user is then expected to rate production obtained through CCEs. The options provided are Normal, Good, and Bad.(from backend)

The primary user is expected to click 'Upload Pictures'

The user can upload a maximum of three photographs in each category.
The user can submit the form successfully after clicking the required pictures

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step - 3

New Form (Part 2)

Experiment no. : 04012718001

Picking : 1

Date Of Taking Dry Weight *

23-07-2018

Dried & Harvested At

Field Other Places

Driage Ratio *

0.94

Green Weight (In Grams) *

36.0000

Dry Weight (In Grams)

33.8400

CANCEL OK

T-2 Yield Data

DEBUG-1.0-221353CE Save

Once all the details are verified, the user can click on 'Ok' to proceed further.

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step - 4

The user is expected to select the water source. The options provided are Rainfed and Irrigated. If 'Irrigated' is selected as the water sources, the user should select the Irrigation Source. The options provided are Canal, Well, Tank, Submersible and Other. (from backend)

The primary user is expected to click 'Upload Pictures'

The user can upload a maximum of three photographs in each category. The user can submit the form successfully after clicking the required pictures

The screenshot shows a mobile application interface for 'New Form (Part 2)'. At the top, it displays 'Experiment no. : 04012718001', 'Village: Nimgaon', and 'Survey No. / Khata No. / Khata No. : 253'. The main section is titled 'Harvest Specification' and contains several input fields: 'Manure/ FYM used?' with 'Yes' and 'No' radio buttons; 'Quantity Used per Hectare *' with a text input and a 'Select...' dropdown; 'Chemical Fertilizer Used?' with 'Yes' and 'No' radio buttons; another 'Quantity Used per Hectare *' field; and 'Water Source' with 'Rainfed' and 'Irrigated' radio buttons. Below this is an 'Attach Photos with Coordinates' section with a blue 'Upload Pictures' button and a note: 'Please add At least one photo in each category'. The bottom section is a scrollable list of categories: 'Field Overview', 'Image 1' (with a date '20-07-2019' and geo-coordinates), 'Photo CCE Area', 'Weighing Operation', and 'T:2 Yield Data'. At the very bottom, there is a red bar with 'DEBUG-1.0-221353CE' and a 'Save' button.

The user is expected to specifies if Manure/FYM is used or not by opting Yes or No. If manure/FYM is used, the user has to enter the quantity used per hectare.

The user then specifies if Chemical fertilizer is used or not by opting Yes or No. If Chemical fertilizer is used, the user has to enter the quantity used per hectare

Once all the details are filled, the user can click on 'Save' to proceed further.

Crop Cutting Experiment (CCE) – Mobile Application

New Form – Part 2 Step by Step

Step - 5

0.00 K/s 64% 9:31

New Form (Part 2)

Experiment no. : 051822PTH25325

Village: Govil Dhanora Survey No. / Khasra No. / Khata No. : 554

Approval / Verification

Supervisor's Name

Supervisor's Mobile Number

Supervisor's Designation

Village Level Committee present

Yes No

Insurance Agent Present

Yes No

Name of Insurance Agent *

Phone No. *

DEBUG-1.0-19B68AEF Save

The user is expected to fill details about the Supervisor Name, Supervisor mobile number and designation of the supervisor

The user can select if the insurance agent is present or not by choosing Yes or No. If the insurance agent is present, the user is expected to enter the name of insurance agent and phone number of the Insurance agent.

Crop Cutting Experiment (CCE) – Mobile Application

← New Form ⋮

Select Step from the Dropdown

- 1 Part 1 - Field Overview & Est. CCE ✓
- 2 Part 2 - Field & Harvest Details ✓

Submit Form

Once Part 2 – Field & Harvest Details are completed, the user can submit the form

The user is expected to click 'Submit' to submit the form. Form is sent whenever internet is available

Crop Cutting Experiment (CCE) – Mobile Application

Form- 1

The user can find the saved farms and view the details

← Saved Forms 🔍 ⋮

Kharif 2018 Sorted by - Date Added ▾

FORM 1 FORM 2

Survey Number : 04012718001 1/1

Season RABI

Name of Farmer

Address Nevargaon, Newargaon, Manjari, Gangapur, Aurangabad, MAHARASHTRA

Total Area of Selected Field 0.58 Hectare

Survey No. / Khasra No. / Khata No. 253

Crop Black Gram (urd Bean)

VIEW

Survey Number : 04012718001 1/1

Season RABI

Name of Farmer

Crop Cutting Experiment (CCE) – Mobile Application

← Saved Forms 🔍 ⋮

Kharif 2018 Sorted by - Date Added ▾

FORM 1 FORM 2

Survey Number : 04010218001 3/5

Season	Kharif
Name of Farmer	
Address	Nevargaon, Newargaon, Manjari, Gangapur, Aurangabad, MAHARASHTRA
Total Area of Selected Plot	6 Hectare
Khasra	56
Crop	Barseem

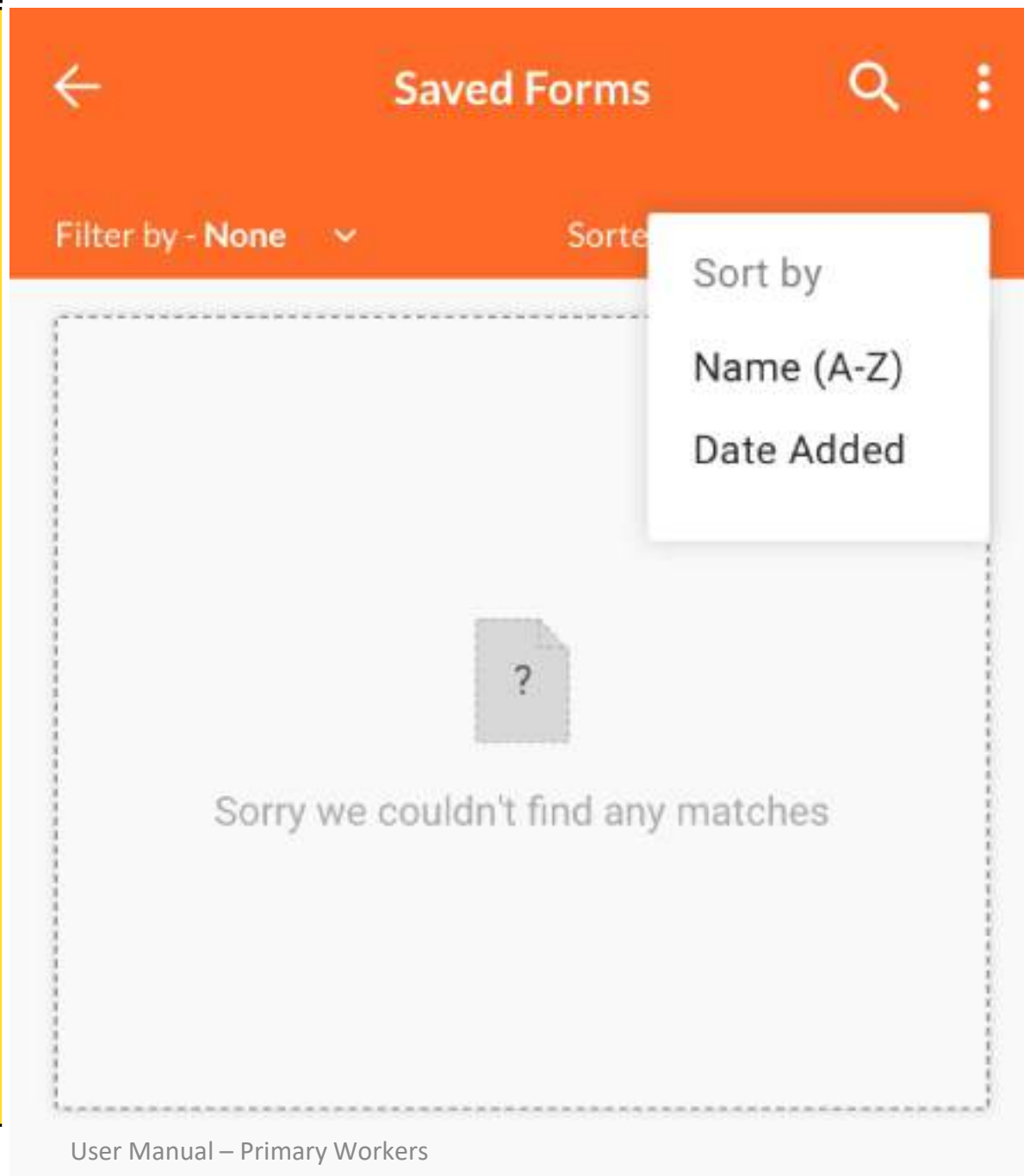
VIEW

Form- 2

The user can click on 'View' to view details of the submitted form

Crop Cutting Experiment (CCE) – Mobile Application

User can filter the saved forms according to requirement like; name, date etc.



Crop Cutting Experiment (CCE) – Mobile Application

Submitted Forms

Kharif 2018 Sorted by - Date Added

Survey Number : 04012718001

Season	RABI
Name of Farmer	
Address	Guru Dhanora, Gurudhanora, Shendurvada, Gangapur, Aurangabad, MAHARASHTRA
Total Area of Selected Field	0.52 Hectare
Survey No. / Khasra No. / Khata No.	123
Crop	Black Gram (urd Bean)

View

Survey Number : 04012718001

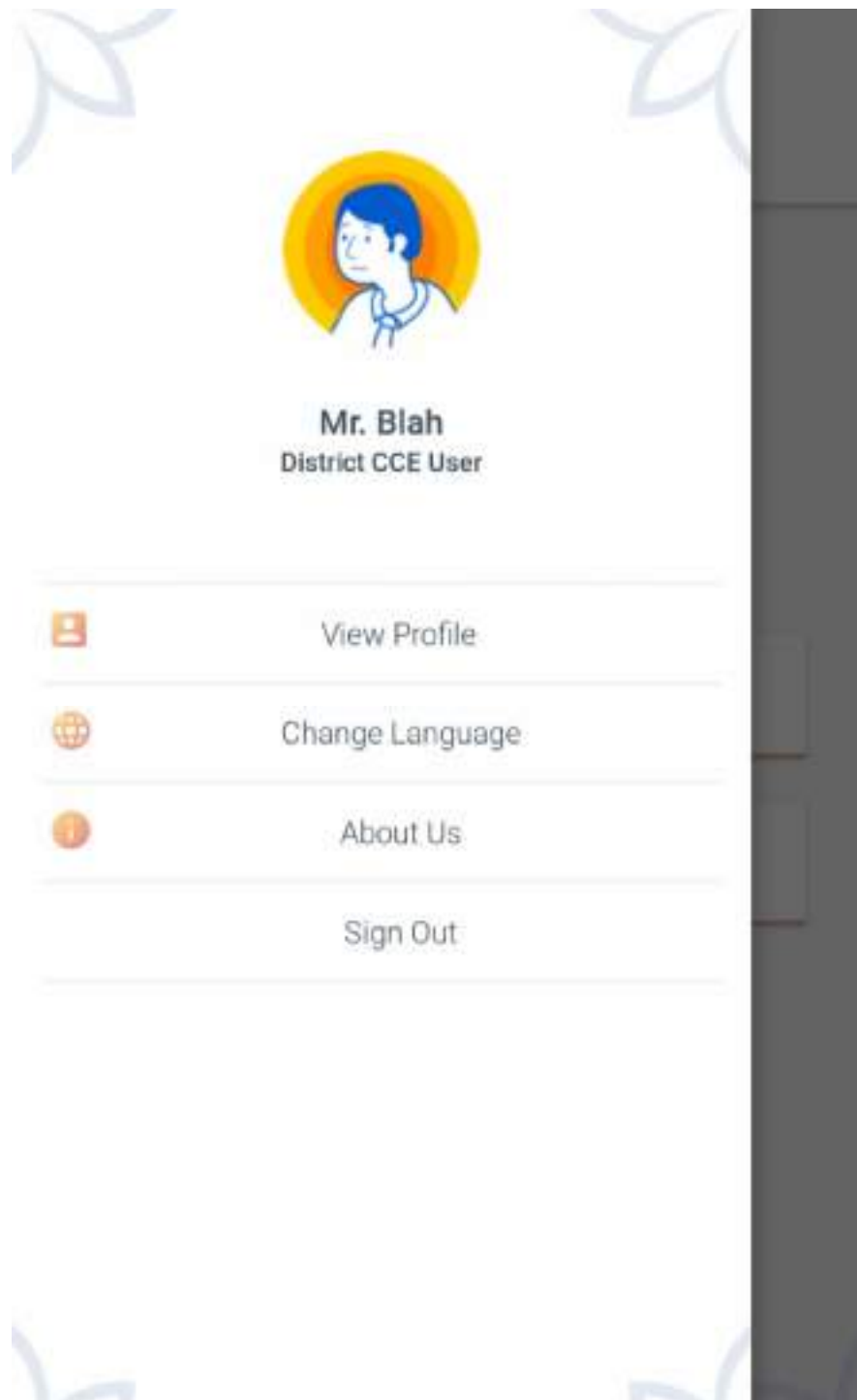
Season	RABI
Name of Farmer	
Address	Siddhapur, Mahull, Gangapur, Gangapur, Aurangabad,

User can filter or sort the saved forms according to requirement like; name, date etc.

The user can filter the submitted forms based on Season and year and also sort the forms based on farmer name, Crop name and Date of form submission.

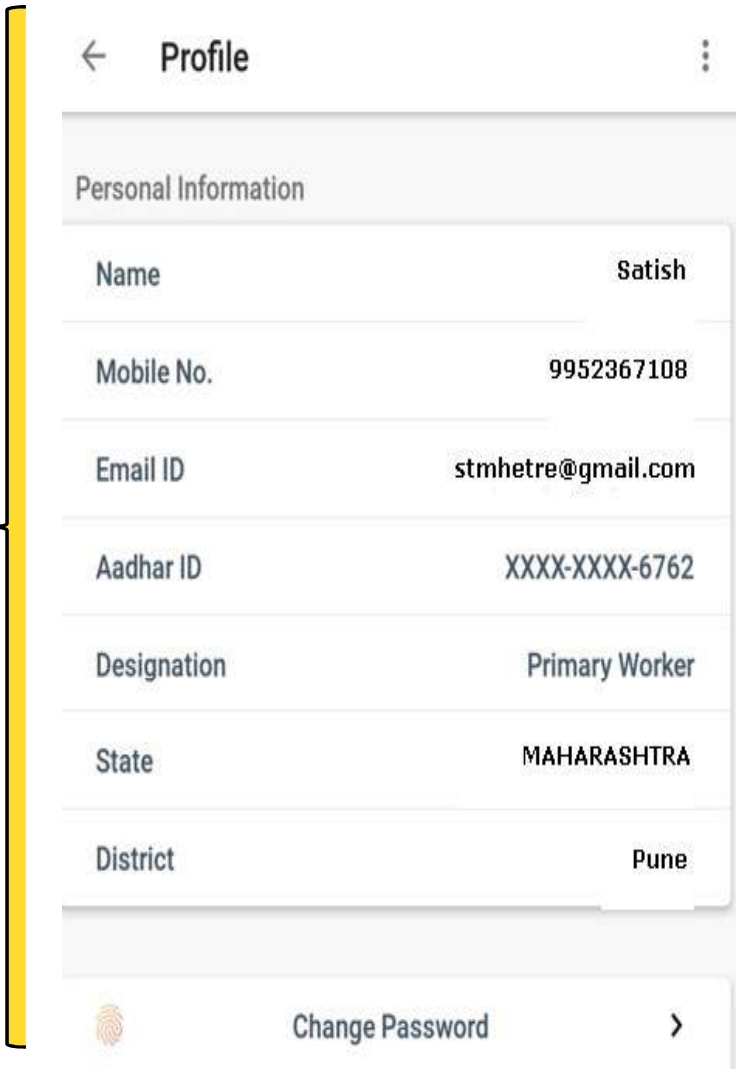
User Profile

User Profile :- User can view profile, change language if required and can read about the app in 'About us'. The user can also log out from here.



Crop Cutting Experiment (CCE) – Mobile Application

The user can view the personal information such as; Name, Mobile no, email id, aadhar id. The user can change password here



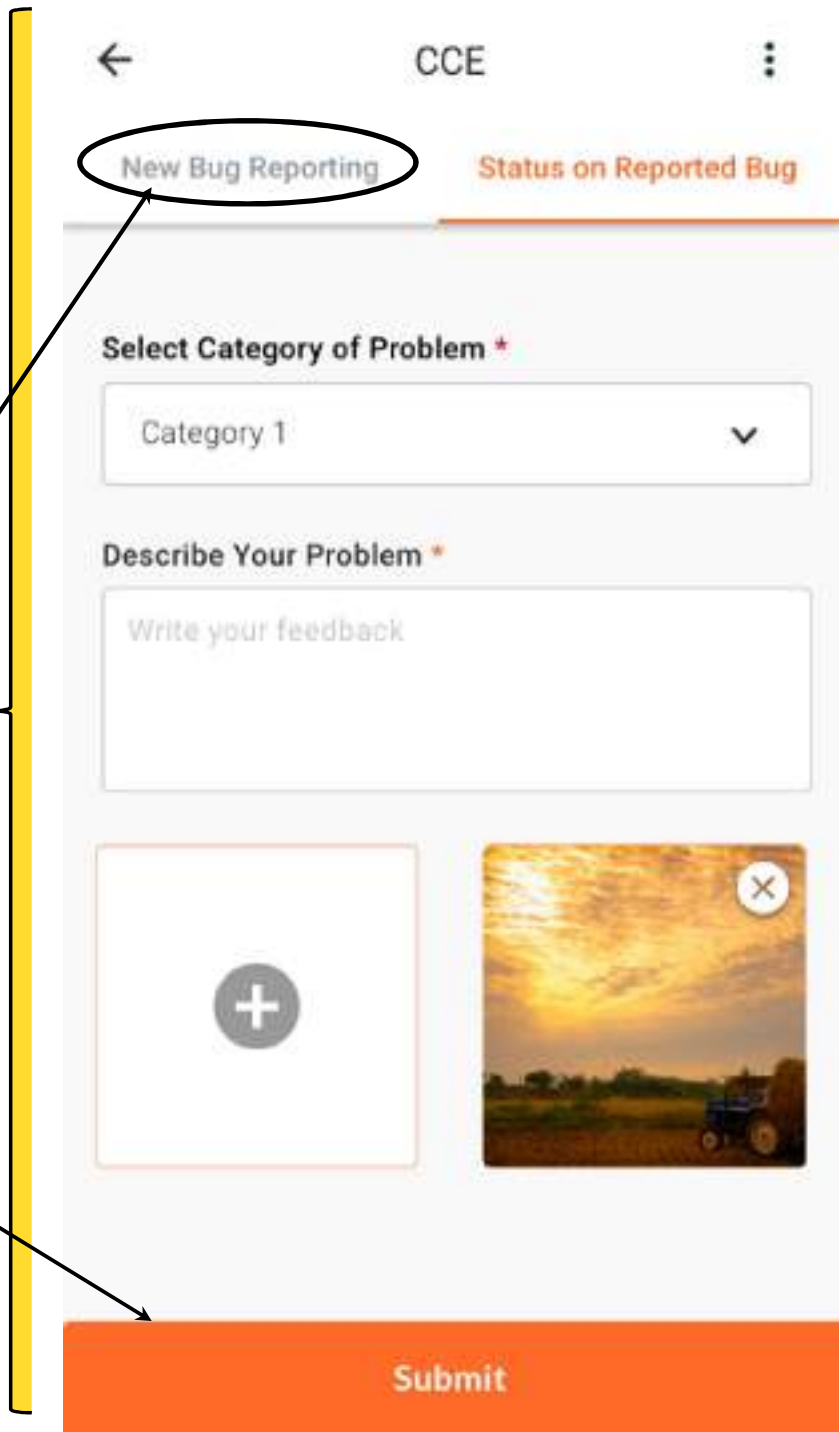
Crop Cutting Experiment (CCE) – Mobile Application

The user can find the saved farms and view the details

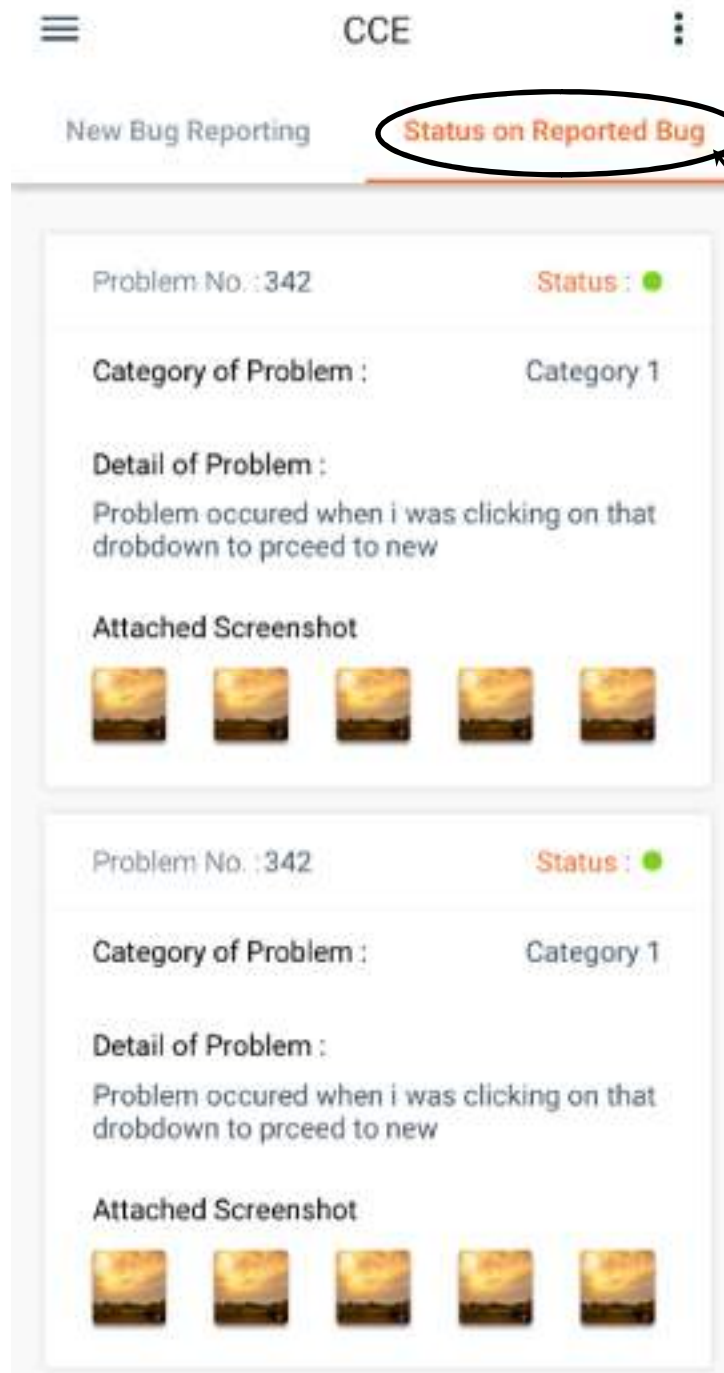


Crop Cutting Experiment (CCE) – Mobile Application

Report a Problem
If the user faces any problem or issue in the app, he/she can click 'New Bug Reporting' option. The user is expected to select the category of the problem and also describe the problem. The user can also attach screenshots of the page on which he/she had faced a problem. Once all the details are filled, the user is expected to click 'Submit' to report the problem



Crop Cutting Experiment (CCE) – Mobile Application



The user can also track the status of the reported problem by clicking the 'Status of Reported Problems' tab on the top.

For Further Queries,

You may see video tutorial under tutorial section
at the home page <http://pmfby.gov.in/>