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Template No: T0406, Rev 09

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Thiruvananthapuram

DRAFT

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1 Introduction

The User Manual eHealth Public Health System (PHS) mobile app presents the functionality of different modules provided in the app. An overview of the module is given along with the app screens. Each function is explained in detail in terms of the screen operations and the data to be input on each screen.

2 Abbreviations

PHS	Public Health System
OTP	One Time Password
MPIN	Mobile Personal Identification Number

3 Features

3.1 Login

The user manual starts off with how to access and use the app for public health survey and for providing health care services.

There are three types of Login access to the app:

- User who is logging into the eHealth PH System for the first time through the app (First time Login)
- The user who is using the app for a daily login (Login – online way)
- The user who is using the app in an offline way (Login – offline way)

The screen flow for each case is described below:

3.1.1 First time Login

The first time login refers to the login activity of user who tries to access PH system for the first time. The workflow of first login implements an OTP requirement as a security best practice to ensure that only authorized individuals gain access. The OTP verification is followed by registering the user's mobile device onto the PHS server. There is a provision to resend OTPs after a certain period (currently set to 60 seconds) to provide users with a way to request a new OTP if their previous OTP

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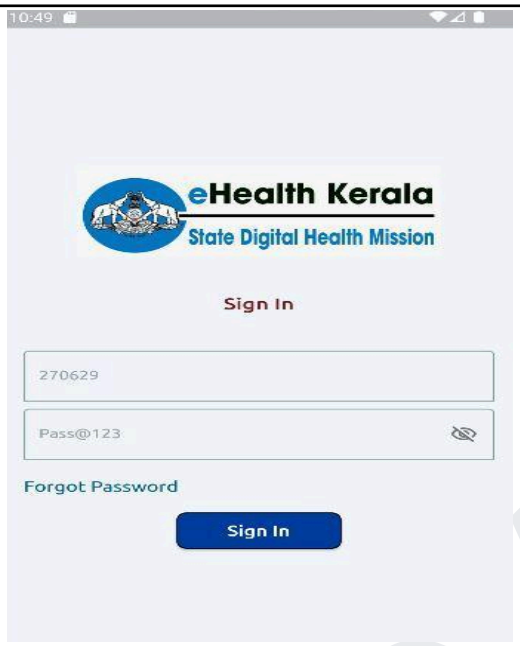
has expired or if they didn't receive it in the first place. After OTP verification, user will have the provision to reset their default first-time password.



- **Username:** Enter the Username
- **Password:** Enter the password
- **Sign In** : Click on the Sign In button to continue. You will be redirected to an OTP screen.

OTP screen to reset password

OTP : Enter OTP received in your registered mobile number before the time laps.

Resend OTP : click on Resend OTP button to resend the OTP.

Continue : Click on Continue button. You will be redirected to the reset password screen.

Reset Password Screen

First-time users to the system will be directed to a screen to reset their password. Follow these steps:

New Password : Enter your desired new password in the "New Password" field following the conditions displayed on the screen. The password should be:

*at least 8 characters

*1 Uppercase letter

*1 Numeric character

*1 special character

Confirm Password: Confirm your new password by entering it again in the "Confirm Password" field.

Confirm Password button : Click the "Confirm Password" button to save your new password.

Now you can login using the new password.

Create MPIN

If MPIN is not already set in the device (such as for a first time user or after a new app install in the device), the app will direct to a screen for creating an MPIN

Create MPIN : 4 input boxes are provided to set a new MPIN.

Please Confirm MPIN : 4 input boxes are provided to confirm the MPIN

Confirm : Click on Confirm button. The MPINs in Create and Confirm should match and an Alert will be shown<MPIN created successfully>. If they don't match a triggering error, a shake animation is shown.

Confirm MPIN	
	After setting MPIN, the user will be prompted to authenticate using the MPIN ● **MPIN** : Enter the MPIN correctly and click on the Continue button to login . ● **Continue** : Click on Continue button. If MPIN is verified successfully, you will be redirected to a page to select the ASHA Block.

3.1.2 Login – Online way

A user needs to authenticate online once in a day. This will enable upload synching of data from device to central PHS server and to download any changes done to master or survey/service data from central server to device side. The following section describes the forms and procedures for online login activity.

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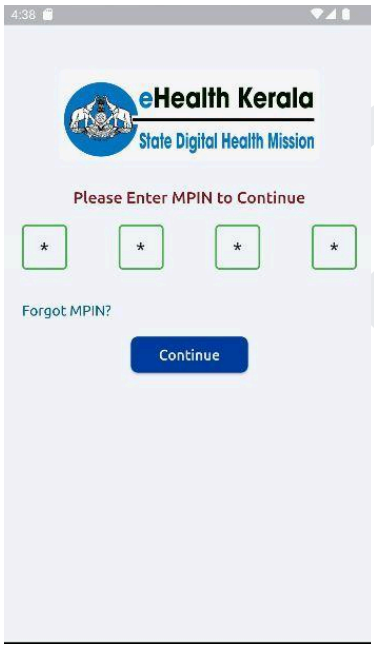
<table>
<tr><td>
</td><td>

- **Username:** Enter the Username
- **Password:** Enter the Password
- **Sign In** : Click on Sign In button to continue

If login fails, will show an alert message <Login failed. Invalid Credentials>. A successful login proceeds to page for verifying MPIN.
</td></tr>
<tr><td colspan="2">Check MPIN</td></tr>
<tr><td> 
</td><td>

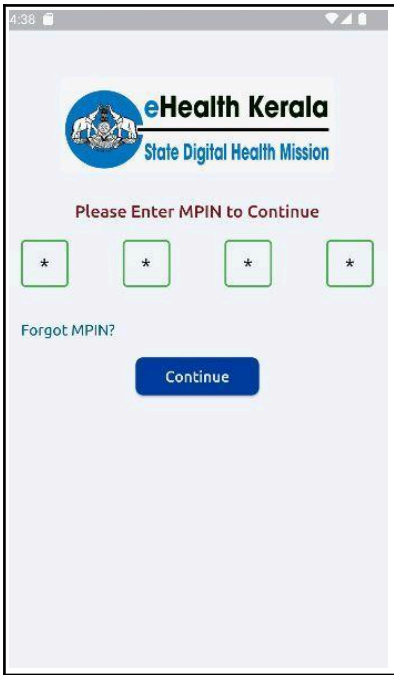
- **MPIN** : Enter the MPIN correctly and click on the Continue button to login .
- **Continue** : Click on Continue button. If MPIN is verified successfully, you will be redirected to a page to select ASHA Blocks.

A successful MPIN verification proceeds to a page for selecting ASHA Blocks. If MPIN verification fails, an alert message <MPIN does not match> is shown.
</td></tr>
</table>

3.1.3 Login – offline way

A successful daily online authentication enables users to access and use the app using an offline mechanism with MPIN. Even if connectivity is not there, the user can use the app for the entire day

session in an offline way using MPIN. The screens and process follows:

	• **MPIN** : Enter the MPIN correctly and click on the Continue button to login . • **Continue** : Click on Continue button. If MPIN is verified successfully, you will be redirected to a page to select the ASHA Block.

3.2 ASHA Block Selection

A successful login into the app either through an online or offline way will proceed to a page for selecting ASHA Block. A list of ASHA Block assigned to the logged in user will be shown in a drop-down labelled ASHA Block.

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After successful user authentication, the screen for selecting ASHA Block will be shown.

- **Select ASHA Block** : Click on drop-down Select ASHA Block and select an ASHA Block from the bottom sheet menu.
- **Get Started** : Click Get Started button to redirect to the Home Page.

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3.3 Home Page

Home Page is displayed with a list of menus on left side, information on logged in user and two tabs – Dashboard and Main Menu.

Header : The header part includes Drawer Icon, ASHA Block Name, Network Connectivity indicator icon, Notification icon and Logout icon.

Institution Name : The header is followed by the Institution Name of the logged in user.

Dashboard : The dashboard shows various data statistics related surveys and services.

2. Main Menu

The Main Menu allows navigation to various survey and service forms.

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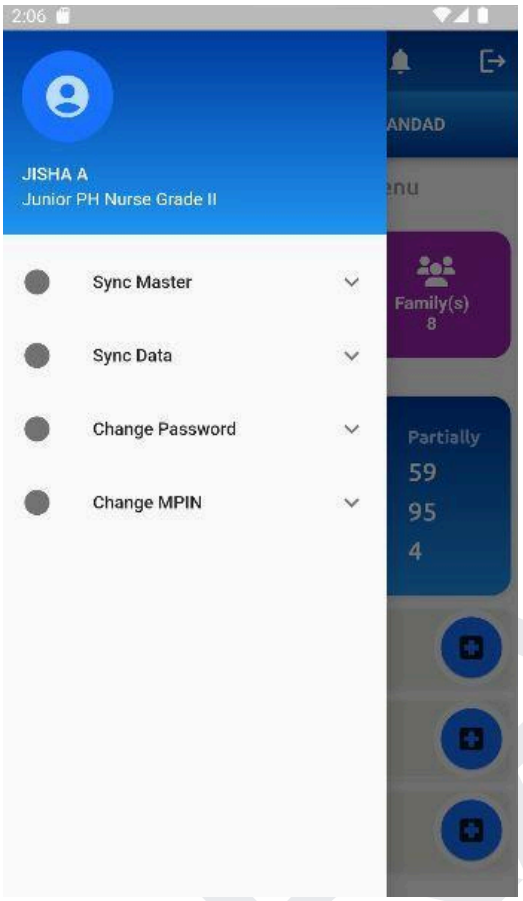
3.3.1 Side Drawer Menu

A click on Drawer icon will open up a menu list on left of app screen.



- **Drawer Header** : displays the logged-in-user info (name and designation).
- **Sync Master** : Synchronize any changes in the master data from central PH server to the user's mobile device.
- **Sync Data** : Transfer data saved in device to the central PH server, clear the local database, and download updated user data from the server to the mobile device .
- **Change Password** : Users can change their password by confirming their old password and creating a new one by following the specified conditions.
- **Change MPIN** : Users can change their MPIN by confirming already used MPIN and create a new one.

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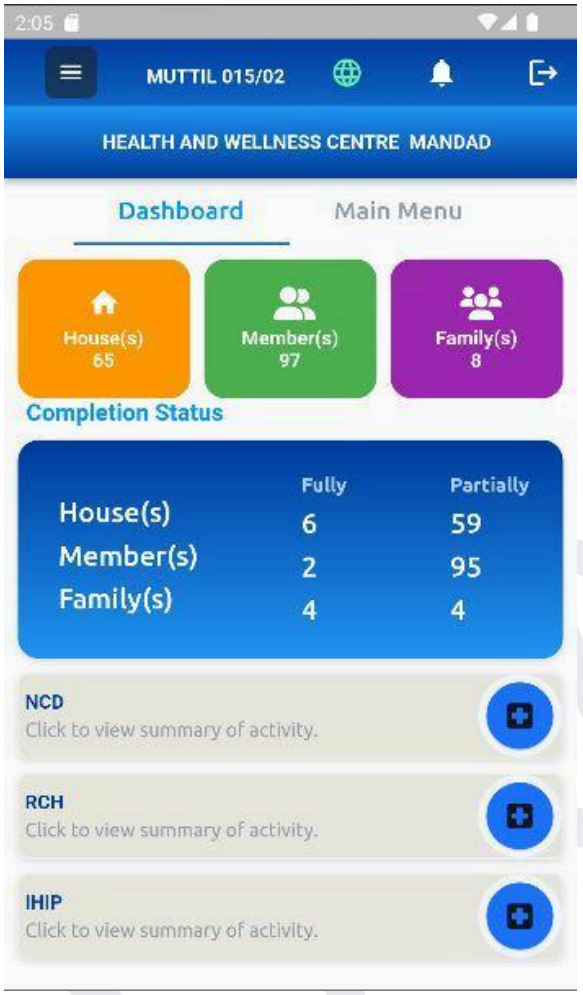
3.3.2 Dashboard

The dashboard shows various data statistics related surveys and services.



1.1. Data Statistics:

For survey dashboard, three tiles are arranged horizontally showing the total number of houses, members, and families registered under the selected ASHA Block.

1.2. Completion status:

The statistics according to the data completion status in house, member and family are displayed. The conditions for fully completion of data are shown in Annexure.

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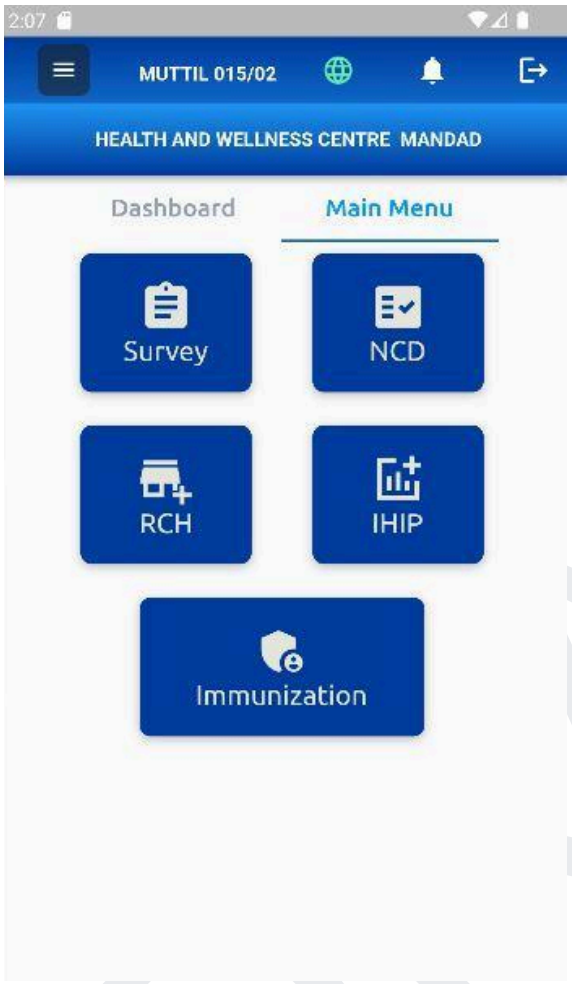
3.3.3 Main Menu

	Main Menu : Consists of five tiles - Survey, NCD, RCH, IHIP, and Immunization. These tiles allow to access various survey and service forms.

For example, a tap on tile Survey shows up the following menu in bottom sheet.

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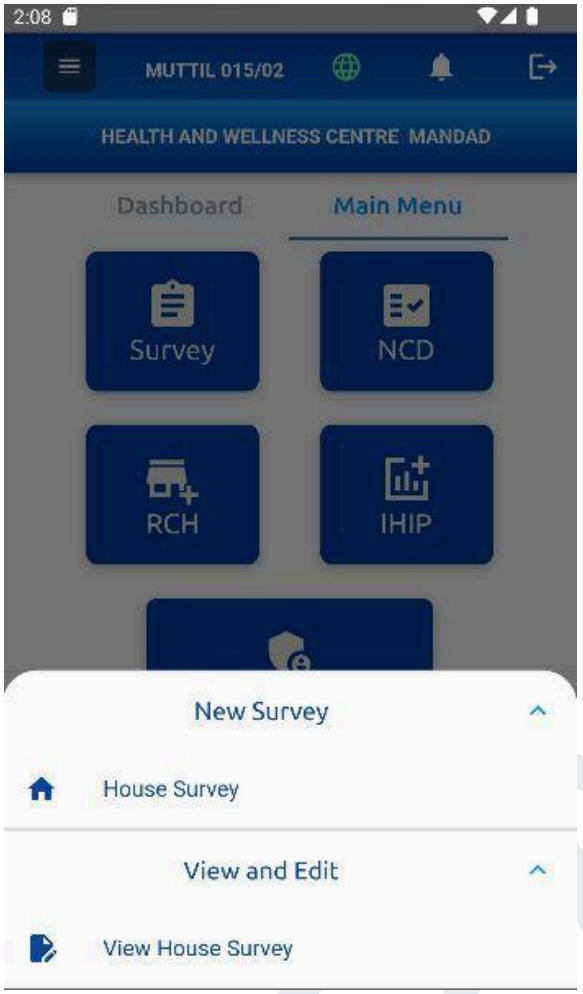

Survey : click on the Survey tile, a bottom sheet opens with following tiles along with sub tiles are shown :

- New Survey
- View and Edit.

1.New Survey : Click on the New Survey tile which opens another tile House Survey.

1.1 House Survey : click on House Survey which opens a page to add house and related details.

2.View and Edit : Click on the View and Edit tile which opens another tile view House Survey.

2.1 View House Survey : click on View House Survey which opens a page to search,view,Edit house and related details.

3.4 House Survey - New

From Main Menu, Under New Survey, select the tile House Survey. Screen as shown in the below image will be shown. The form allows to enter details about an accommodation facility that is being surveyed. The accommodation facility can be a House, Orphanage, Hostel and so on. The type of accommodation facility can be selected from Inmate Type drop down box. The data on house or any other accommodation facility is arranged in various groups (tabs) - House Info, Facilities, and Others. The mandatory fields (data fields with red border) in each group needs to filled to navigate to the next tab. The left and right arrow icon buttons provided toward the end of the form fields in each tab allows to navigate from tab to tab.

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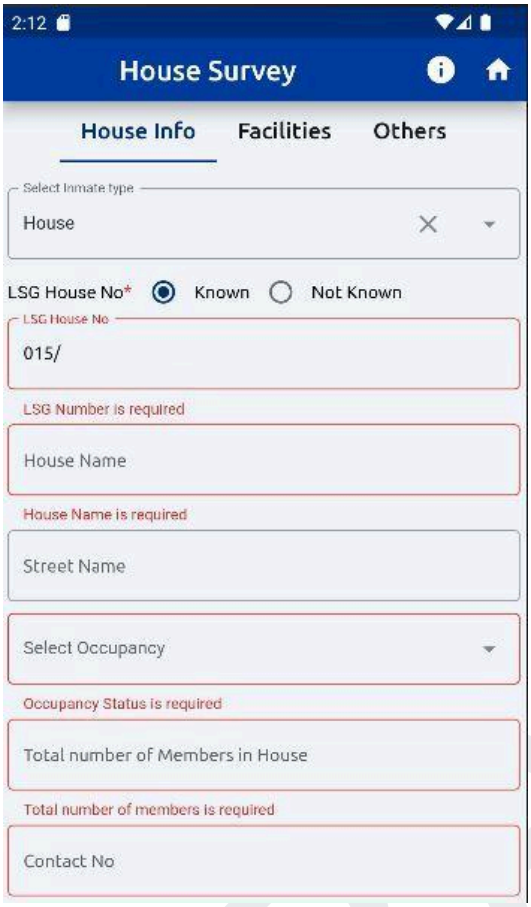

AppBar : include page title, **i icon, home icon**.

i icon :click on i icon to access the Location Parameters page.

Home Icon : To return back to the Home Page, click on the home icon.

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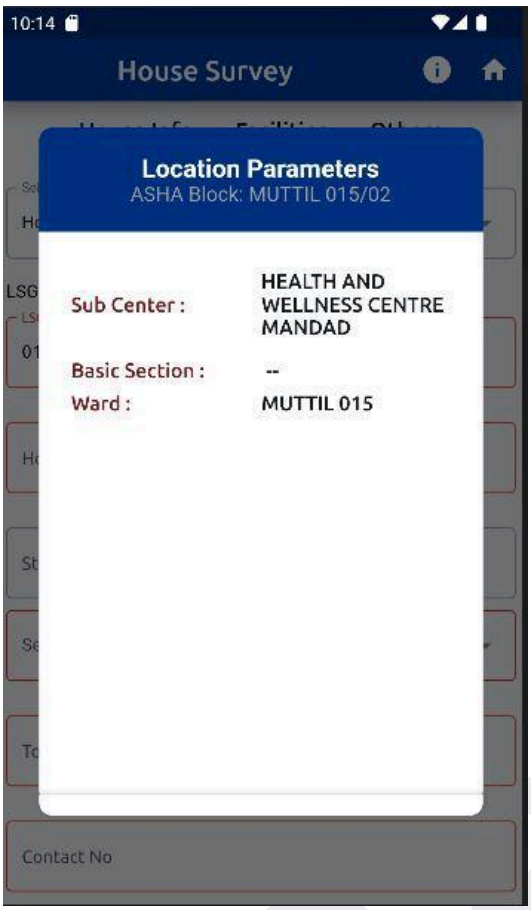

Location Parameters :

To access the Location Parameters page, click on the **i icon** in the appbar of the House Survey Page. This page displays the selected ASHA Block name, subcenter, Basic Section, and Ward.

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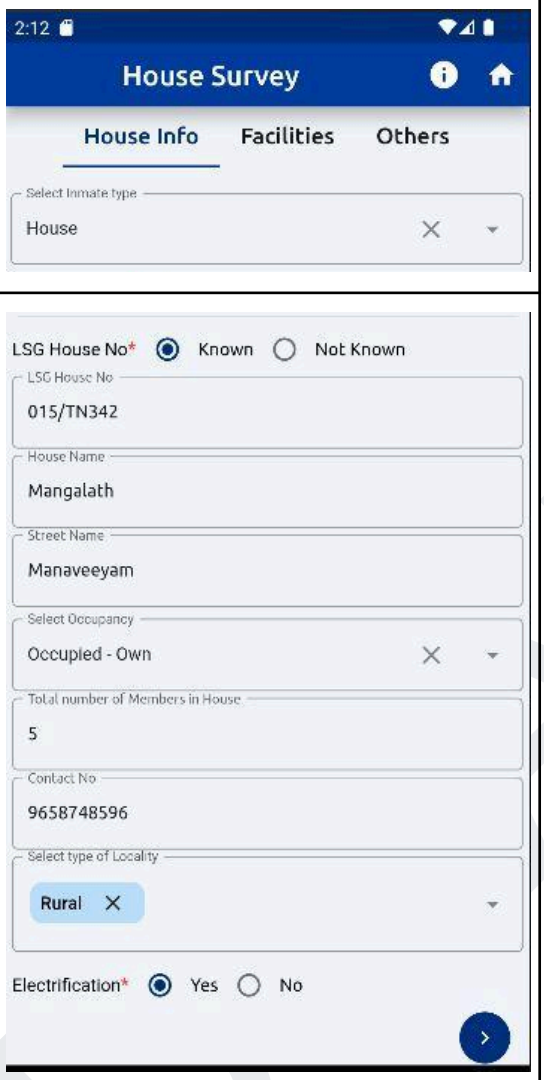
House Info :



- **Appbar :** Includes title, Location information icon and Home icon.
- Below the Appbar 3 tabs are shown titled House Info, Facilities and Others. Click on House Info tab to enter the primary details of the selected Inmate type
- **Select Inmate Type :** From the list provided Select Inmate type ie. accommodation facility for which details are getting captured.
- **LSG House No**: Select if LSG House Number is Known or Not Known
- **LSG House No**: If LSG House Number is selected as Known, enter it in the text field provided.
- **House Name** : Name of the House (or accommodation facility)
- **Street Name :** Street name of the House (or accommodation facility).
- **Select Occupancy** : Select the occupancy type, whether the selected house (or accommodation facility) is owned,rented and so on.
- **Total Number of Members in House**: The number of members in the house (or accommodation facility).
- **Contact No**. : The phone number
- **Select type of Locality** : select the type of locality as Rural, Urban, Slum and so on where the house (or accommodation facility) is located (multi selection is possible)
- **Electrification** : The electrification status

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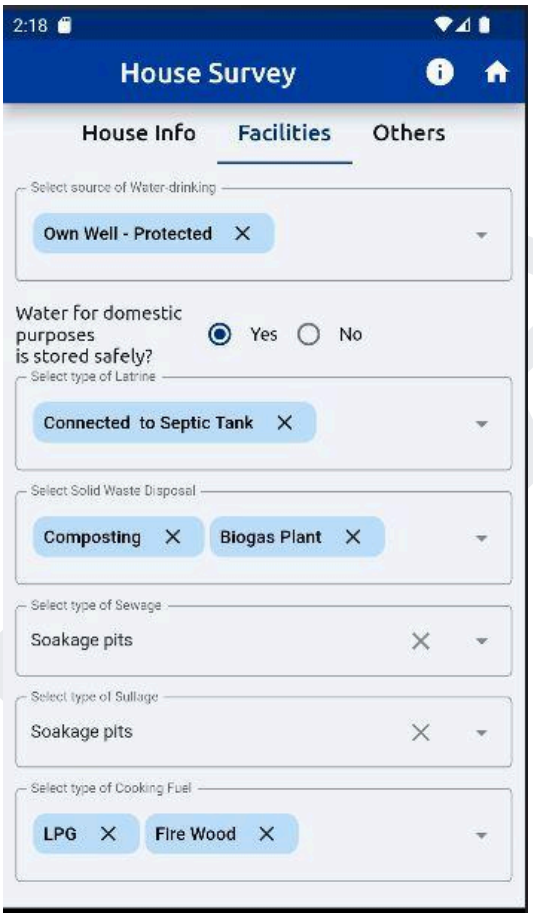
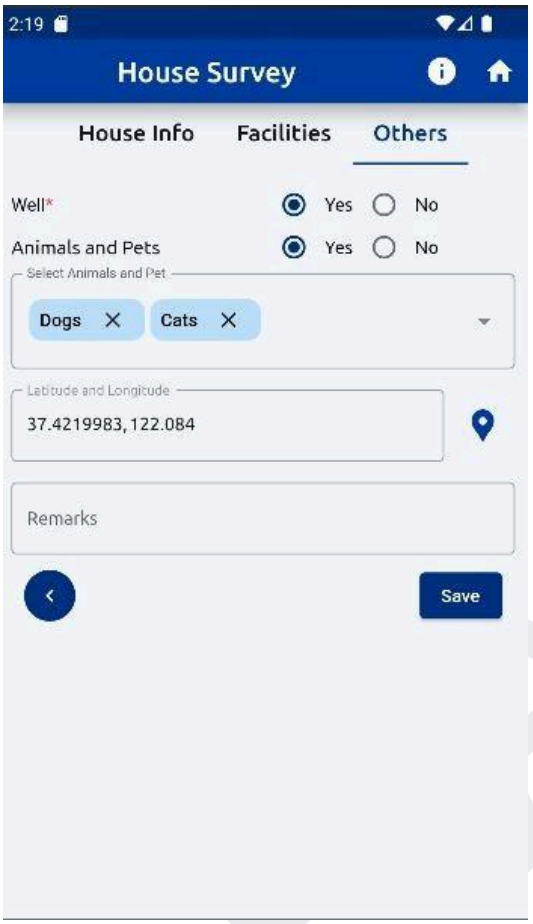
Facilities: Select the Facilities to enter data on the facilities available in the accommodation type.



- **Select Source of Water drinking** : select from multiple Sources of Drinking Water such as well,public tap and son on.
- **Water for domestic purposes is stored safely** : Water if stored safely, select Yes otherwise select No.
- **Select type of Latrine** : Select from multiple Latrine options from the list provided.
- **Select Solid Waste Disposal** : Select from multiple options from the list provided
- **Select type of Sewage:** Select any one option from the list provided
- **Select type of Sullage:** Select any one option from the list provided.
- **Select type of Cooking Fuel:** Select from multiple options of Cooking Fuel from the list provided

Others: Any other details on the selected inmate type is captured through this tab.



- **Well :** Select any one option provided
- **Animals and Pets :** If marked as Yes, Select from multiple animals and pets listed in the drop-down.
- **Latitude and Longitude** : By clicking the location icon from the right of the textfield live location parameters can be captured. Allow permission, when asked for.
- **Remarks** : Enter any remarks if needed.
- **Save**: click on save button to save all the details

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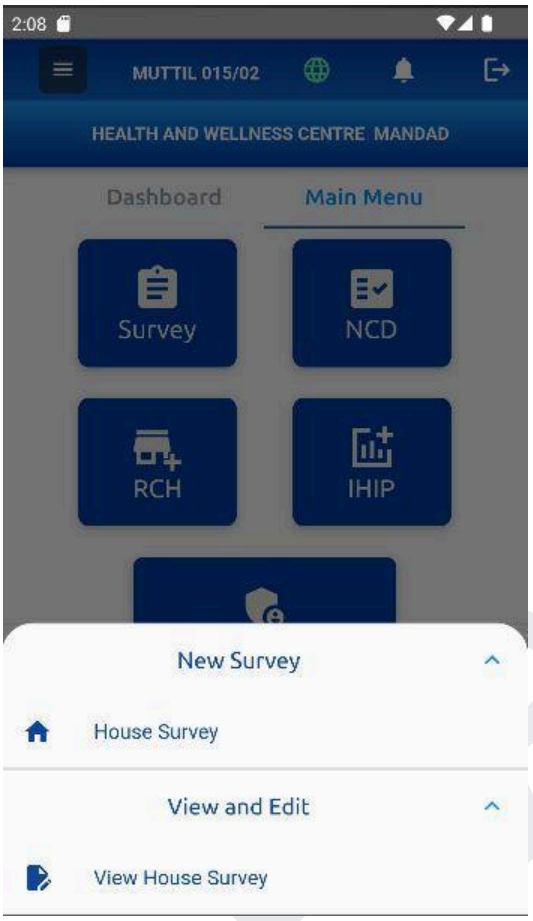
3.5 House Survey – View and Edit



Select option View House Survey from the View and Edit menu opened upon clicking the Survey tile under Main Menu. This proceeds to a House Search page.

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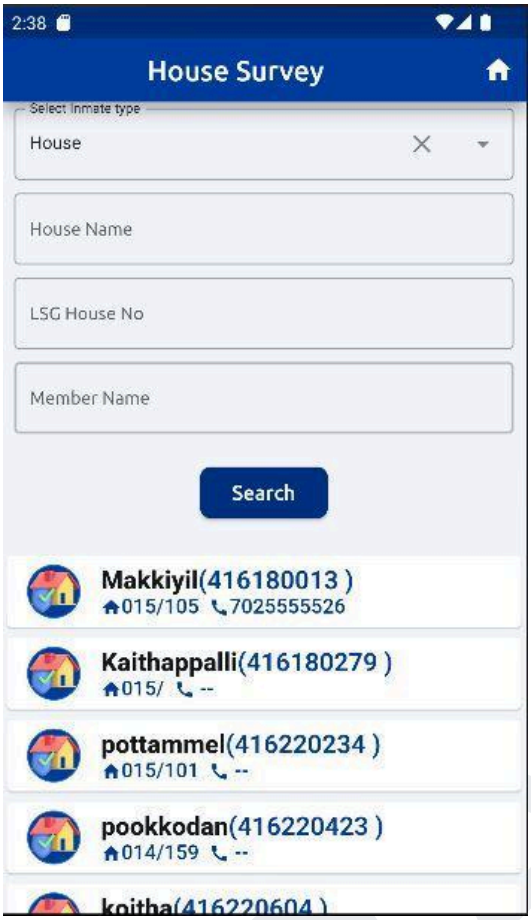

House Survey Page opens up with search parameters and a list of registered houses. Enter values for search parameters to get a list of houses for which details are to be viewed or modified. The page also allows navigation to Home Page through a tap on the Home icon in app bar.

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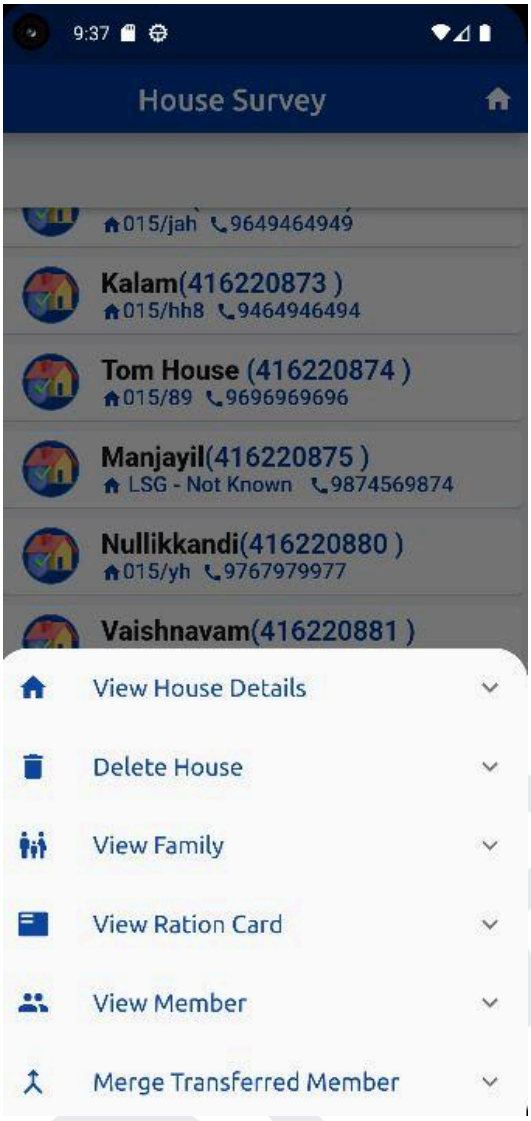

Click on desired house from the list, a bottom sheet appears as shown in the image with menu options for

- **View House Details**
- **Delete House**
- **View Family**
- **View Ration Card**
- **View Member**
- **Merge Transferred Member**

Users can select any menu option to view or edit details about the house selected.

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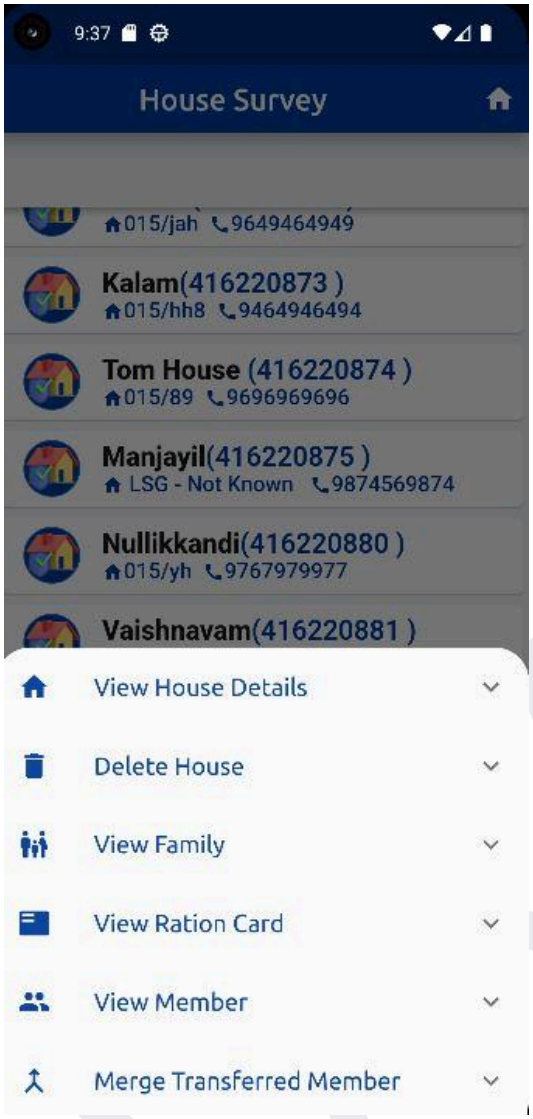
3.6 House Survey – Edit



View House Details : Click on View House Details menu option. A page is shown with details captured for the house (or accommodation facility).

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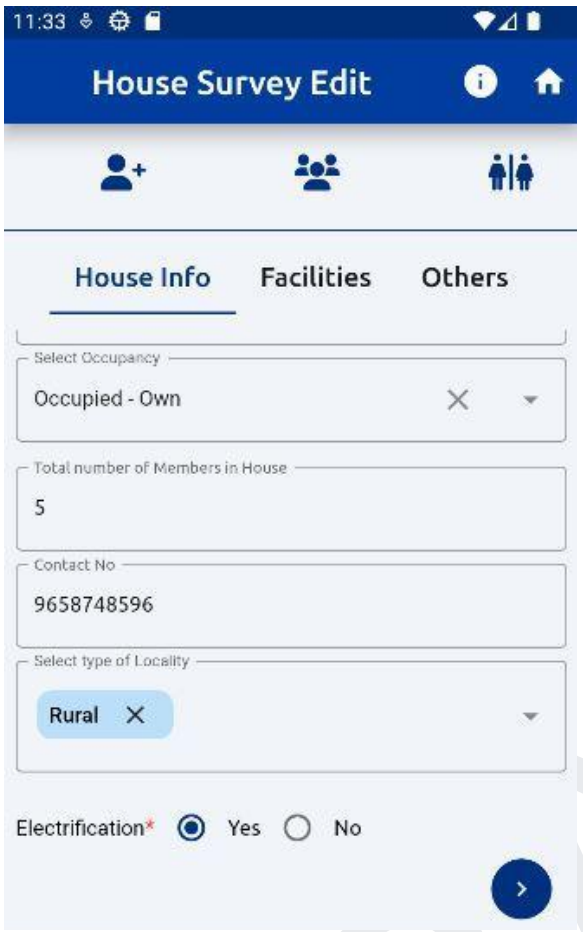

House Info : Previously saved data are populated in the respective fields. Make changes to necessary fields as required.

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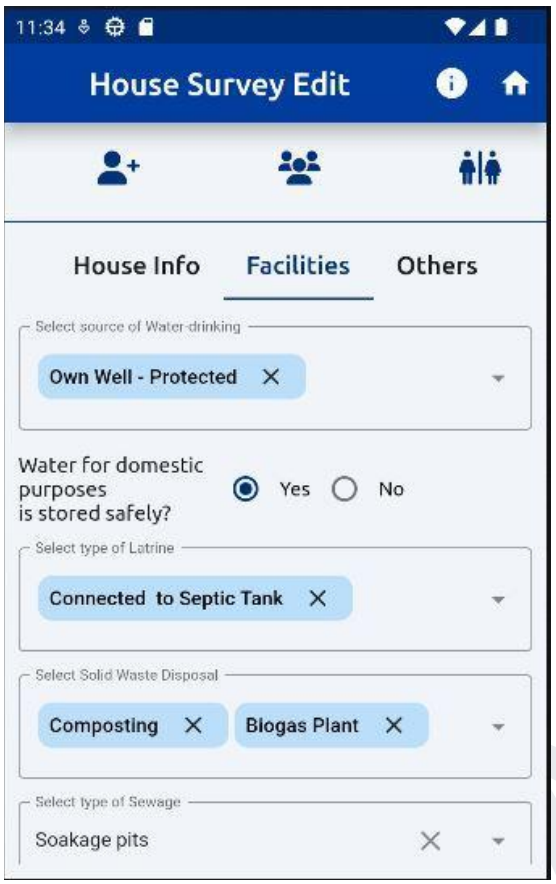

Facilities : Previously saved data are populated in the respective fields. Make changes to necessary fields as required.

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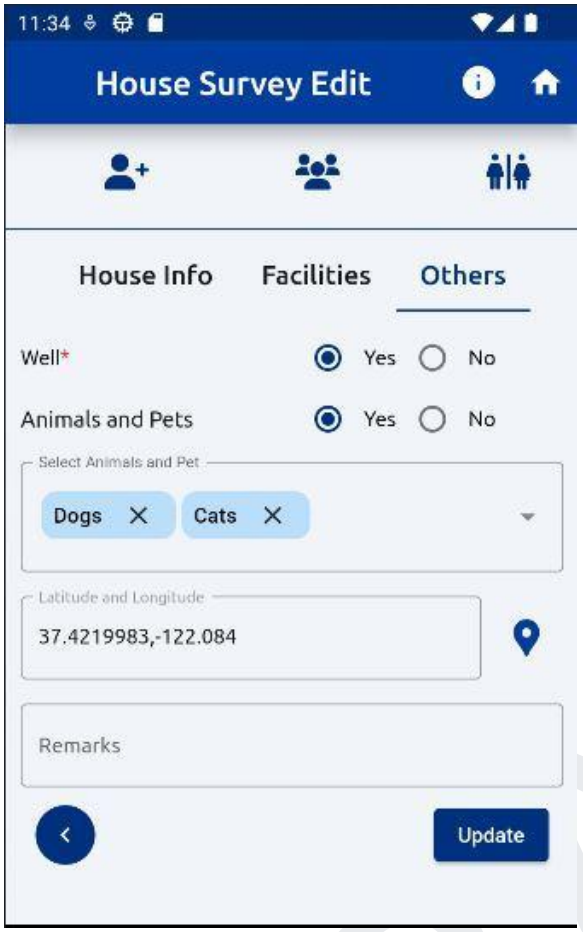

Others: Previously saved data are populated in the respective fields. Make changes to necessary fields as required.

Update : Click on the Update button to save the modifications made to the House Survey data.

3.7 House Survey – Search

The House Survey - Search page can be accessed through Main Menu -

click on the Main Menu in the Home Page, a bottom sheet opens up with 2 options : “New Survey” , “View and Edit”. click on “New Survey” to expand the tile and click on “House Survey”. This opens to a page with the title House Survey. input data in the desired fields of search and click on Search button, this will filter out the house from the list based on the search parameters.

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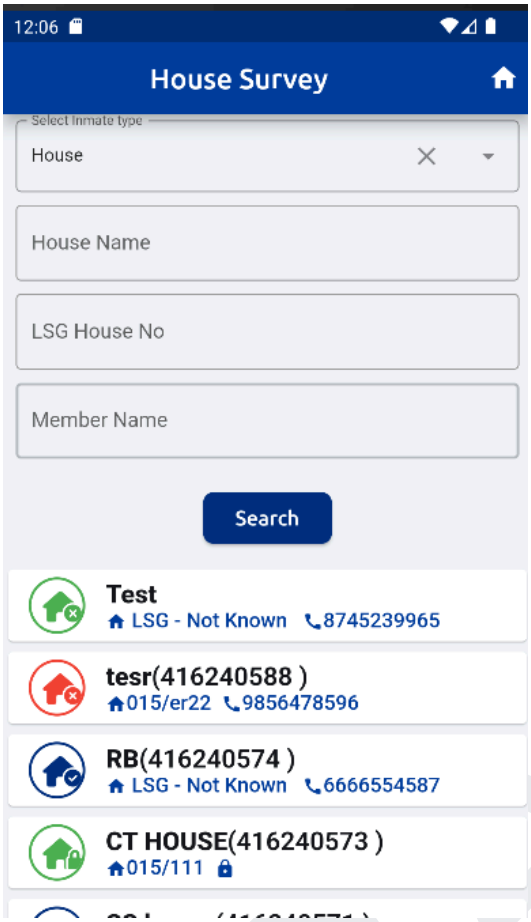

The House (accomodation facility) list is shown with name followed by House ID in bracket. The House D is generated in PH server after a data sync (upload and download sync).

Select Inmate Type: select Inmate Types from the options available.

House Name: Enter house (or accommodation facility) name in full text or in partial forms

LSG House No.: Enter LSG No in full text or in partial forms

Click on Search : Displays the list based on the search parameters entered.

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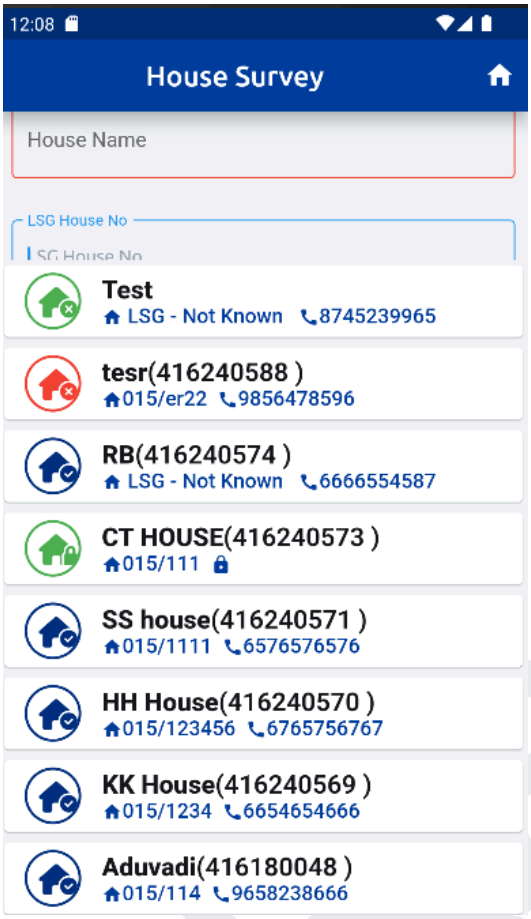
House list in house search screen



For example, the screen shows a list of houses.

It signifies a completed and verified state of house, ensuring that users can proceed with other actions.

Suggests that some information within the record is missing or incomplete, but the record is still usable.

House is locked state

Indicates that the record, particularly house data from old records, is in a restricted state.Editing is enabled exclusively through this app.Grouping functionality is enabled only after editing completion.

Search with Inmate Type and Name

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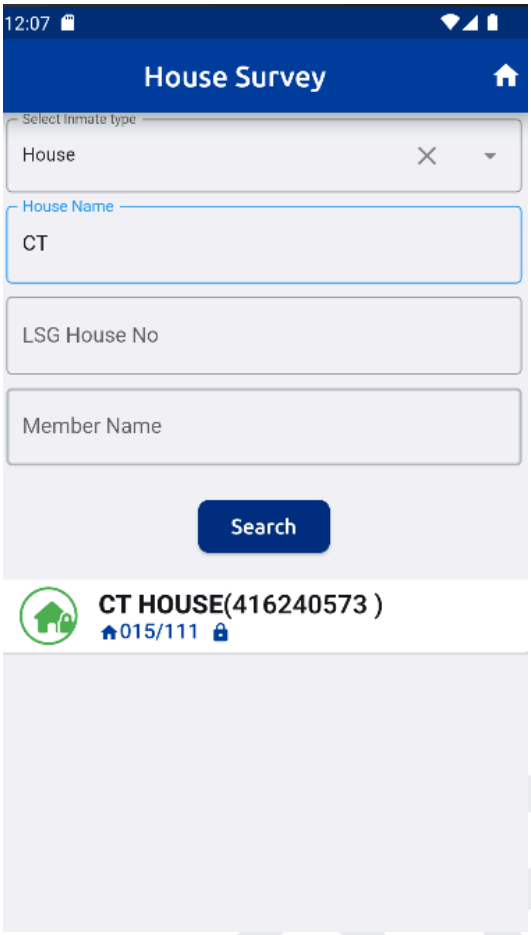	For example, the screen shows a list of houses filtered for a search parameter House Name in partial form.

Search with Inmate Type , Name, and Member Name

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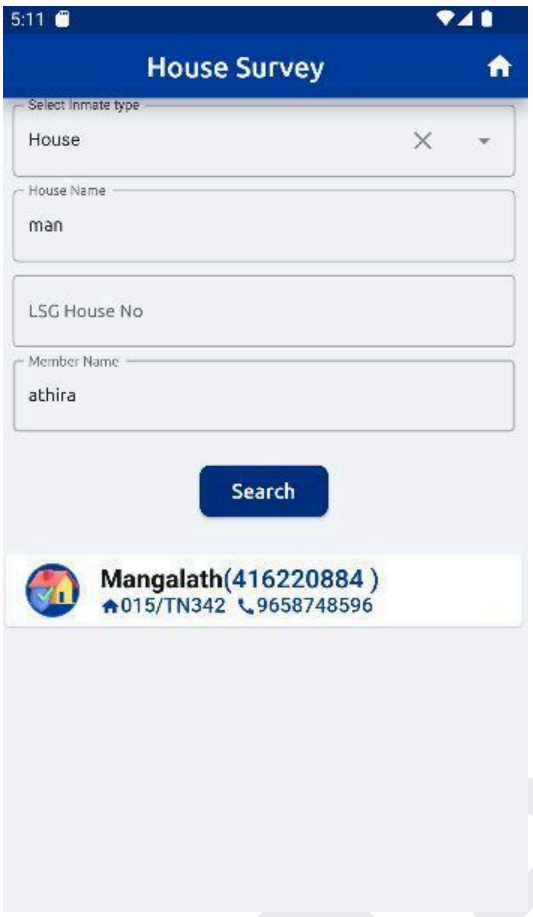

Select Inmate Type : select Inmate Type from the options available .

House Name : Enter house (or accommodation facility) Name in full or partial form

Member Name: Enter Member Name

Click on Search : Displays the list houses (or accommodation facilities) based on the search parameter.

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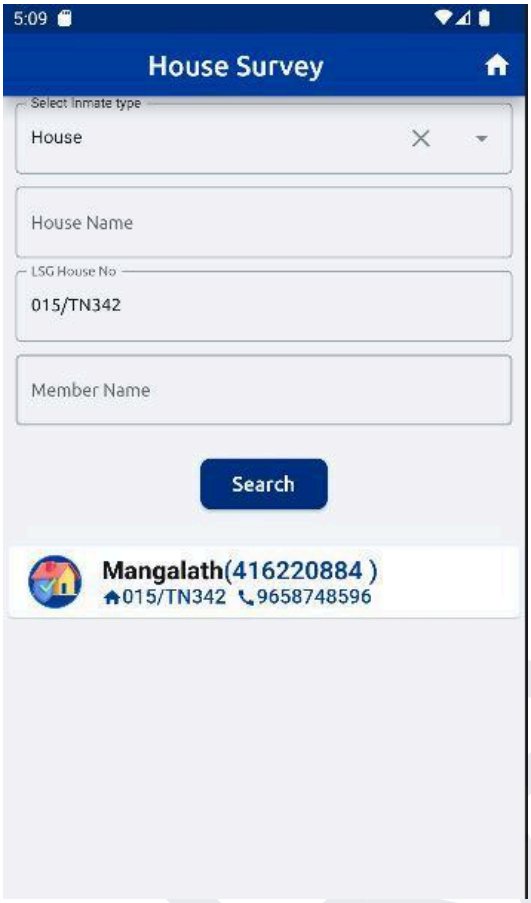
Search with Inmate Type and LSG number

	**Select Inmate Type** : Select Inmate Type from the options available. **LSG House No:** Enter LSG House No. **Click on Search** : Displays the list houses (or accommodation facilities) based on the search parameter.

3.8 Member Survey – New

The form allows to capture details on members residing in various accommodation facilities such as House, Orphanage, Hostel and so on. There are several options to invoke this form which are listed below:

- Immediately after entering a house (accomodation facility) details from the House Survey form itself.
- View Member page
- House Survey - Edit page

The data form on member is arranged in various groups (tabs) - Basic, Socio, Health, and Lifestyle. The mandatory fields (data fields with red border) in each group needs to filled to navigate to the next tab. The left and right arrow icon buttons provided toward the end of the form fields in each tab allows to navigate from tab to tab.

Basic tab : Click on the Basic tab under Member Survey Page to enter basic details about the member.

Aadhaar no: The Aadhaar Number and associated details can be captured either through QR Scan or manually. The details are described below.
ID Type : Select the ID type (PAN, Driving Licence etc) from the options provided.
ID Value : Enter the number or value associated with the selected ID Type.
Name: Enter name of the member being surveyed
Date of Birth: Select from the calendar provided
Year of Birth, Age, Months, Days will be auto filled based on the Date of birth selected from the calendar. If these fields are modified, Date of Birth will be changed accordingly.
Select Gender: Select gender from the options given.
House Name: Enter the house name as given in Aadhaar. For QR based Aadhaar scan, these will be auto-filled and will not be modifiable manually. QR based Aadhaar details can be modified by rescanning the Aadhaar.
Street Name: Enter the street name as given in Aadhaar. For QR based Aadhaar scan, these will be auto-filled and will not be modifiable manually. QR based Aadhaar details can be modified by rescanning the Aadhaar.

Mobile Number : Enter the mobile number of the member.

Individual Category : Select the category of individual from the options given.

There are two options to capture Aadhaar Details for a member - through QR Scan or Manual.

QR scan :

Click on the scan icon in the appbar to automatically fetch Aadhaar No, Date of Birth / Year of Birth, House Name, Street Name and Relation. A click on the icon launches the camera and user can scan the QR code presented on the Aadhaar card. This will automatically fill demographic details in relevant fields of < Aadhaar No, Date of Birth / Year of Birth, House Name,, Street Name and Relation>

Enter Manually: You can also enter the Aadhaar data manually to the form by filling relevant fields in Member Survey form.

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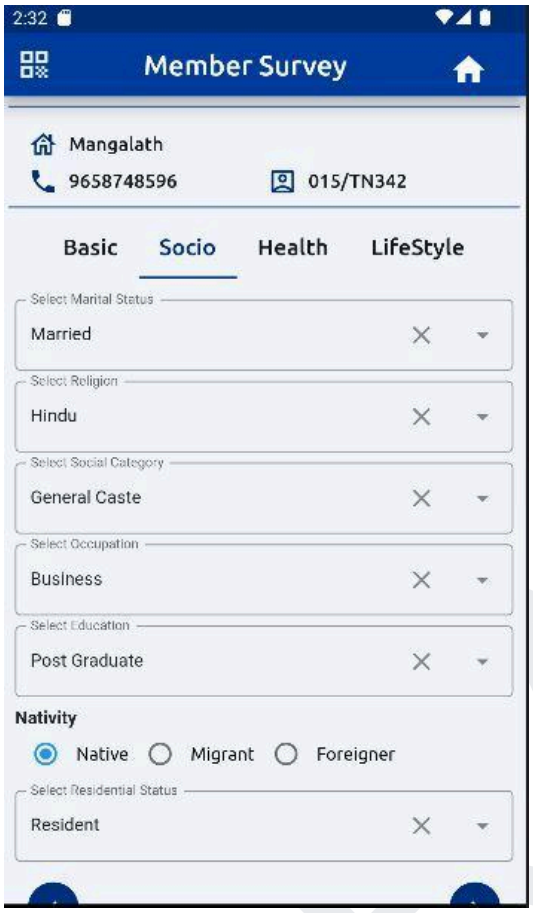
Member Survey - Socio tab : Click on the Socio tab under Member survey Page. This tab captures various socio-economic details associated with the member.



Select Marital Status: Select the marital status of the member.
Select Religion : Select religion of the member.
Select Social Category: Select Social Category of the member.
Select Occupation : Select Occupation of the member.
Select Education : Select Education of the member.
Nativity : Select whether the member is a Native, Migrant or a Foreigner and for each of these options selected, enter additional data required, if any.
Select Residential Status : Select the Residential Status of the member from the options listed.

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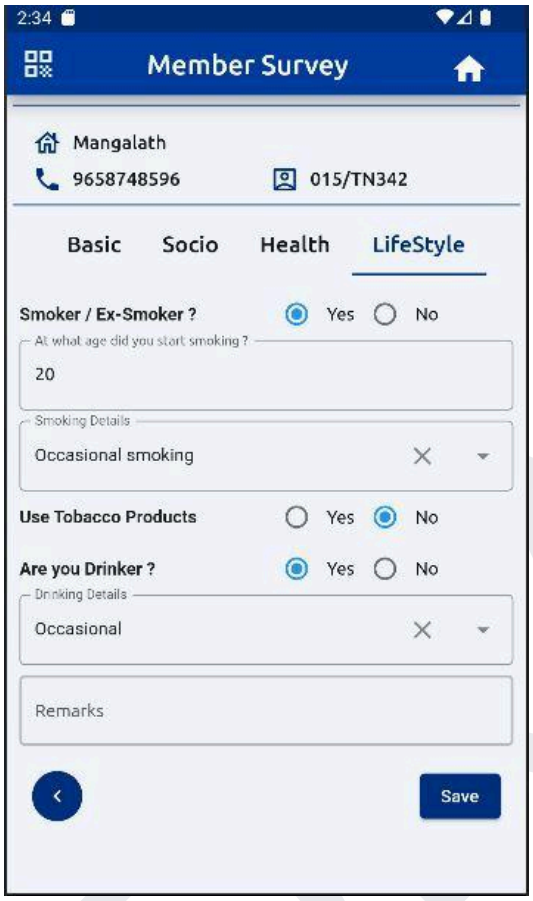
Member Survey - Health tab : Click on the Health tab under Member survey Page. This tab allows to capture health related details about the member.

Select Blood Group : From the options available, select the blood group of the member being surveyed.
Any Major Health Issue ? : Select Yes or No. If Yes, provide additional details
Select Health Issue(Present): Select one or more health issues suffered by the member being surveyed.
Health Insurance Status : Select Yes or No
Insurance Type: From the list provided, select all available insurance schemes the member has.
Any type of Disability: Select Yes or No

Member Survey - LifeStyle tab : Click on the LifeStyle tab under Member survey Page. The tab captures details on the member's life style and habits.



Smoker/Ex-Smoker : Select Yes or No. If Yes, provide additional details
At what age did you start smoking: Enter the age.
Smoking Details: Select from the options provided .
Use Tobacco Products: Select Yes or No. If Yes, provide additional details

Are you drinker: Select Yes or No. If Yes, provide additional details

Drinking Details: Select from the provided options

Remarks: Enter remarks, if any

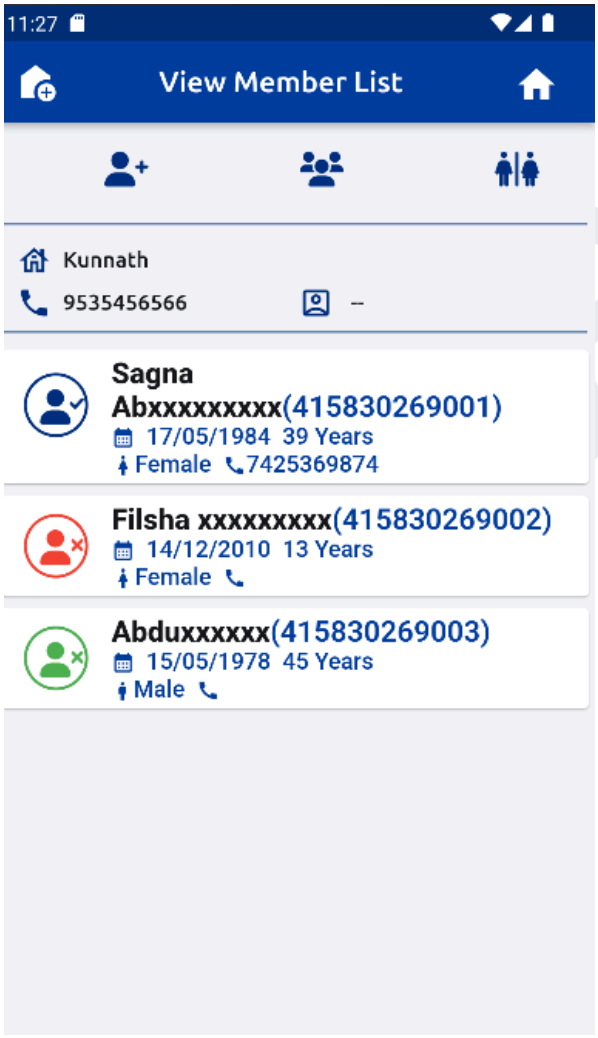
Save: Click on the Save button to store the captured details of the member.

3.9 Member Survey – Member list

The Member List page shows list of members present in a house (or accommodation facility). This is invoked through a selected house (or accommodation facility) fromHouse Search list. The page for Member List has the following provisions:

- Navigation to Member Survey - New
- Navigation to Grouping (Family and Ration Card)

- Navigation to Relationship Form
- Navigation to House Survey - New



The member list is shown with name followed by Member ID in bracket. The Member ID is generated in PH server after a data sync (upload and download sync).

click on to navigate to New House Survey - Screen

click on to navigate to New Member Survey - Screen

click on to navigate to Grouping (Family and Ration Card) Screen

click on to navigate to Relationship Form

It signifies a completed and verified state, ensuring that users can proceed with other actions

Suggests that some information within the record is missing or incomplete, but the record is still usable.

Indicates that the record, particularly

	member data from old records, is in a restricted state.Editing is enabled exclusively through this app.Grouping functionality is enabled only after editing completion.

3.10 Member Survey – View and Edit

This allows to view and modify existing details on a member. The form is accessed through the house of the members. The House Survey - Search form is used to locate the house from the House List. Tap on the house and Click on option View Member.

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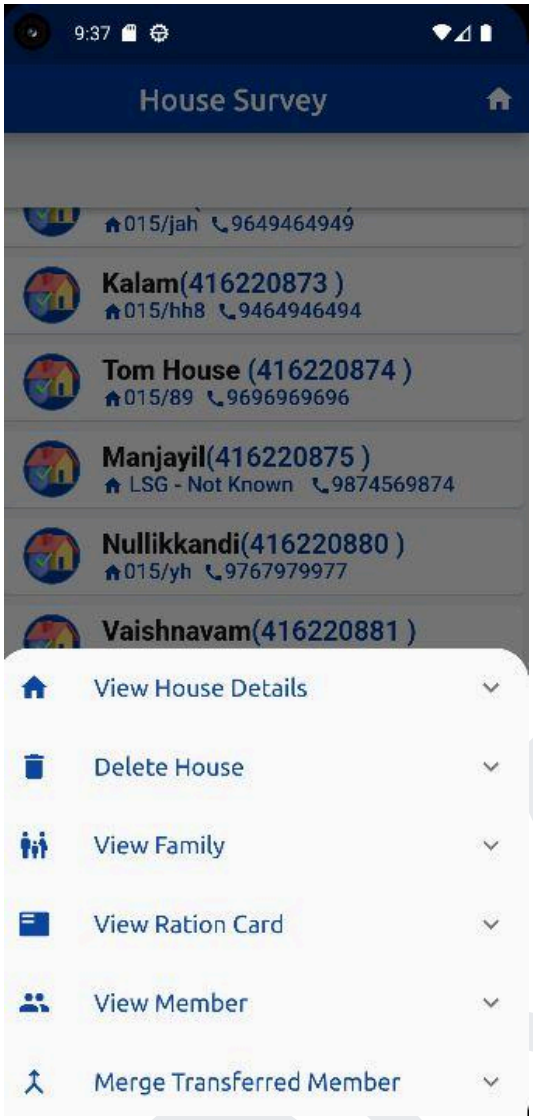

View Member : From the list of houses in the House Survey - Search page, click on the house in which the member to be viewed or modified exists. Click on View Member from the bottom sheet menu. This will show the Member List for the selected house.

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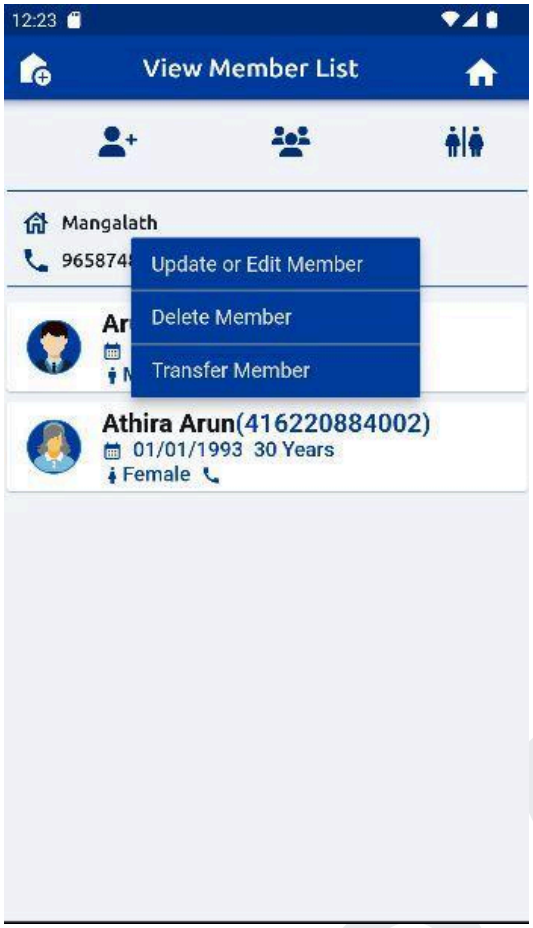

The View Member List is listed with all members from the selected house. Tap on a member to view or modify the details. The following options are displayed.

Update or Edit Member
Delete Member
Transfer Member

Update or Edit Member : Click on the option Update or Edit Member tile to make necessary updations in the data of selected member.

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Basic: Modify necessary data changes in the Basic tab. The Aadhaar details captured through a QR based Aadhaar cannot be modified manually. QR based Aadhaar details can be modified by rescanning the Aadhaar.

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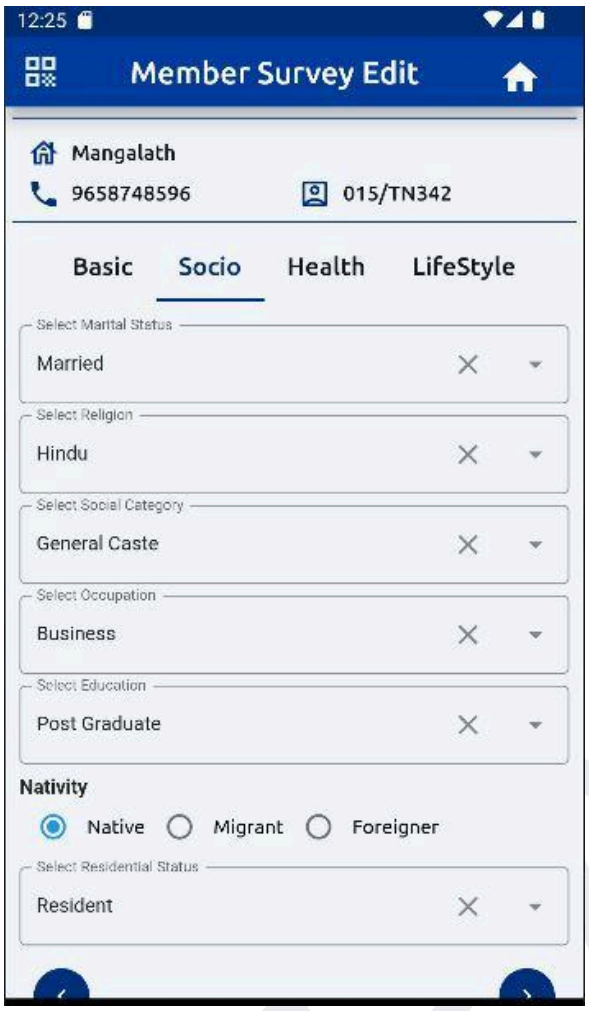

Socio : Modify necessary data changes in the Socio tab.

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Health : Modify necessary data changes in the Health tab.

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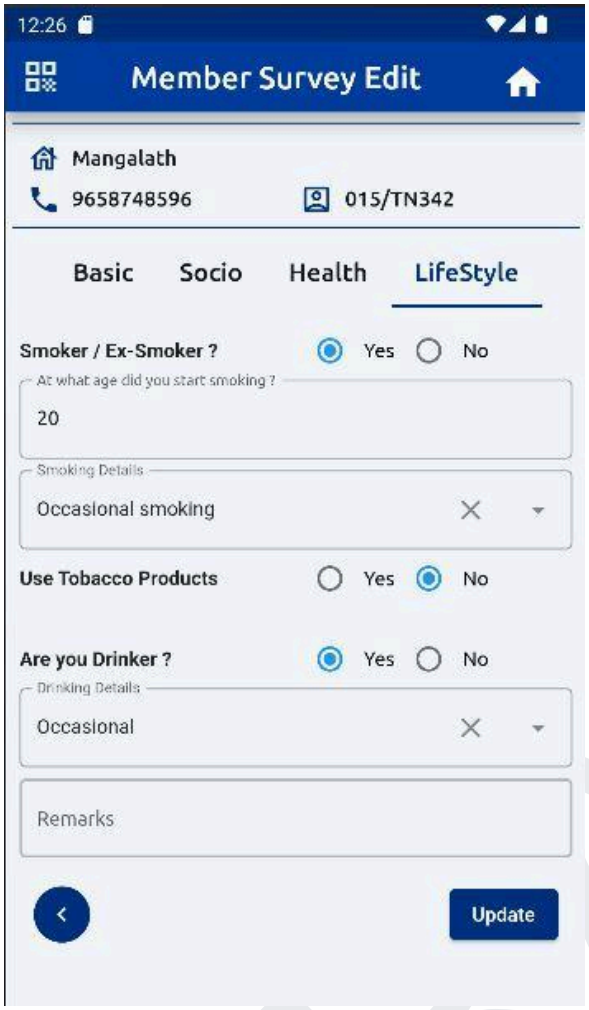

LifeStyle: Modify necessary data changes in the LifeStyle tab.

Update : Click on Update button to save the changes. An Alert will be shown <Updated Successfully>. Click on Ok. If there is an error default error will be shown and Update will be disabled.

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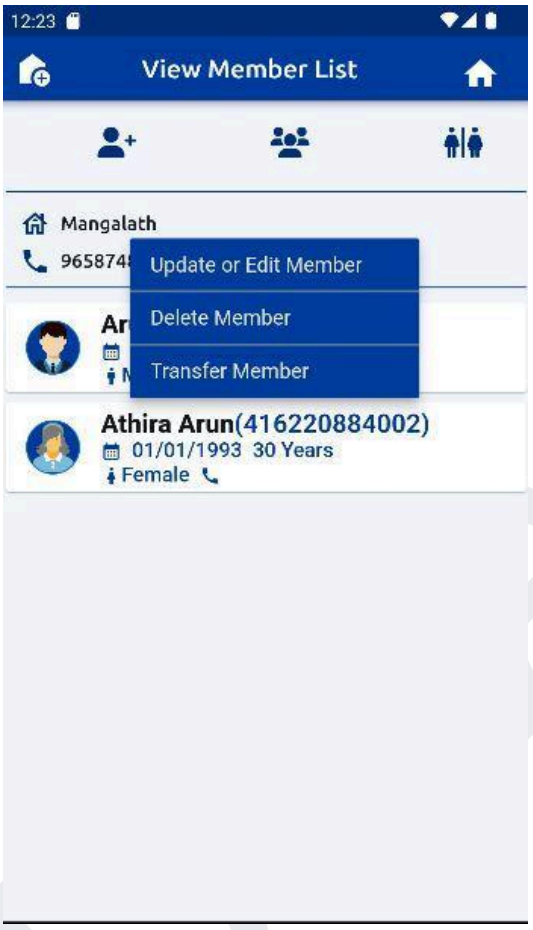
3.11 Member Survey – Delete Member

There is a provision to delete a member if he/she is not part of any family. The form is accessed through the house of the member. The House Survey - Search form is used to locate the house from the House List. Tap on the house and Click on option View Member. The View Member shows all members in the house from where the member to be deleted can be selected.



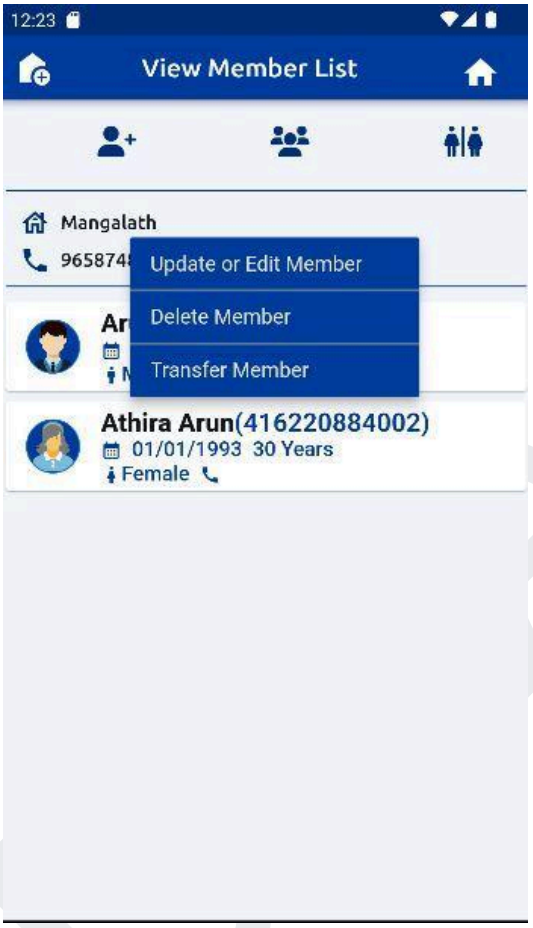
From the View Member list page, select the member to delete. A pop-up appears with 3 options :

Update or Edit Member,
Delete Member
Transfer Member

Select option Delete Member. An alert appears, <Do you want to delete?>. Click Yes to delete, otherwise click No. If successfully deleted, a message <Deleted Successfully> is shown.

3.12 Member Survey – Transfer Member

There is a provision to transfer a member. The form is accessed through the house of the member. The House Survey - Search form is used to locate the house from the House List. Tap on the house and Click on option View Member. The View Member shows all members in the house from where the member to be transferred can be selected. The transferred member can be merged to any other house through an app login for that area.



From the View Member list page, select the member to transfer. A pop-up appears with 3 options :

Update or Edit Member,
Delete Member
Transfer Member

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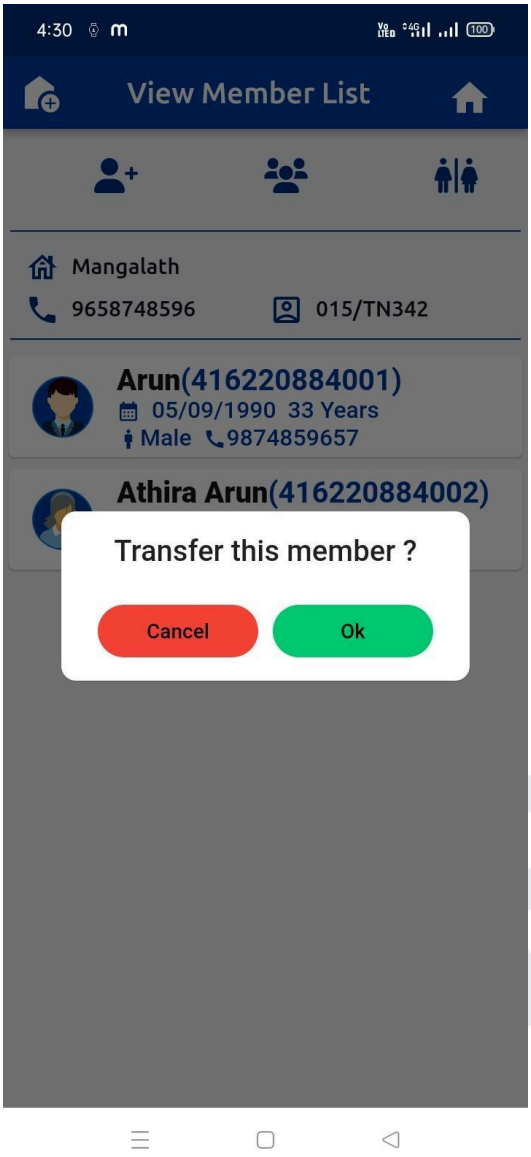	Select option Transfer Member. An alert appears, <Transfer this member?>. Click Ok to proceed with transfer, otherwise click Cancel.

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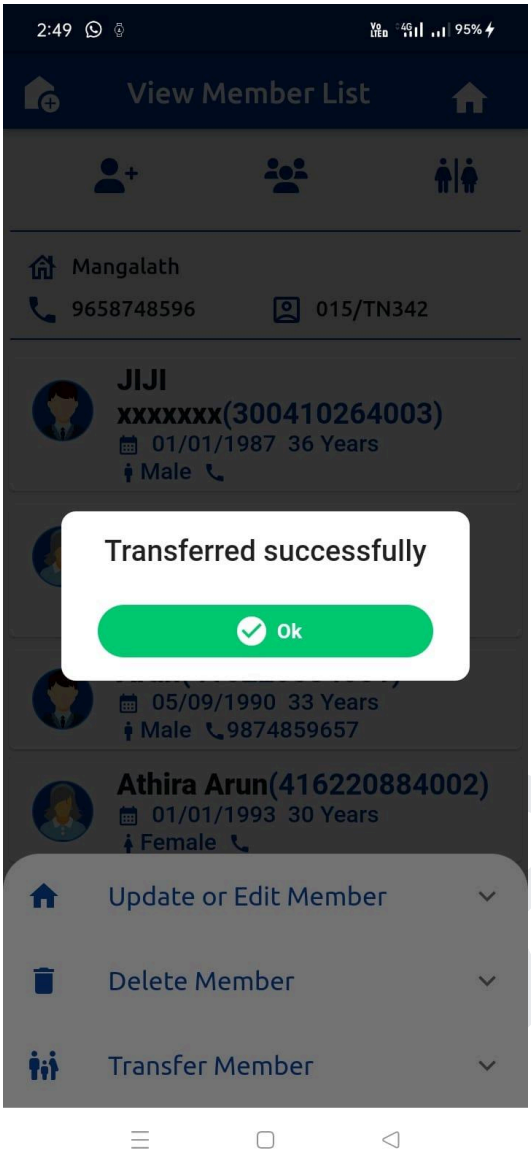
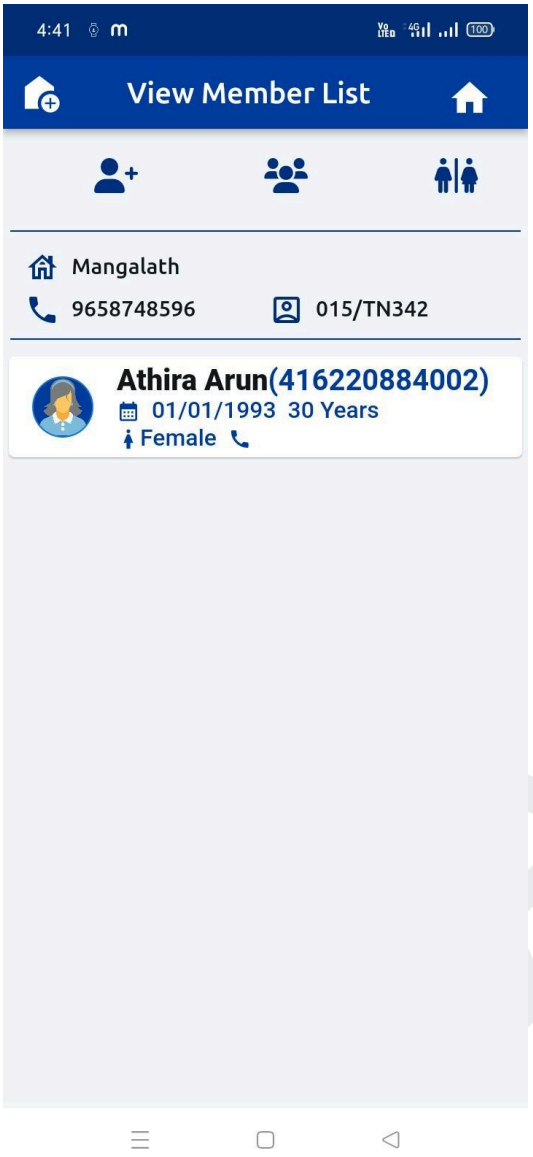
	If successfully transferred, a message <Transferred successfully> is shown. Click Ok. If the member to be transferred is part of a family/relationship, an alert <Family/Relation of this member already exists. Do you want to continue?> will be shown. If user proceeds to Continue, the member will be removed from family/relations and will be transferred.



The transferred member will be removed from the View Member List.

The member transfer is possible only after an ID is generated for the member through a data sync.

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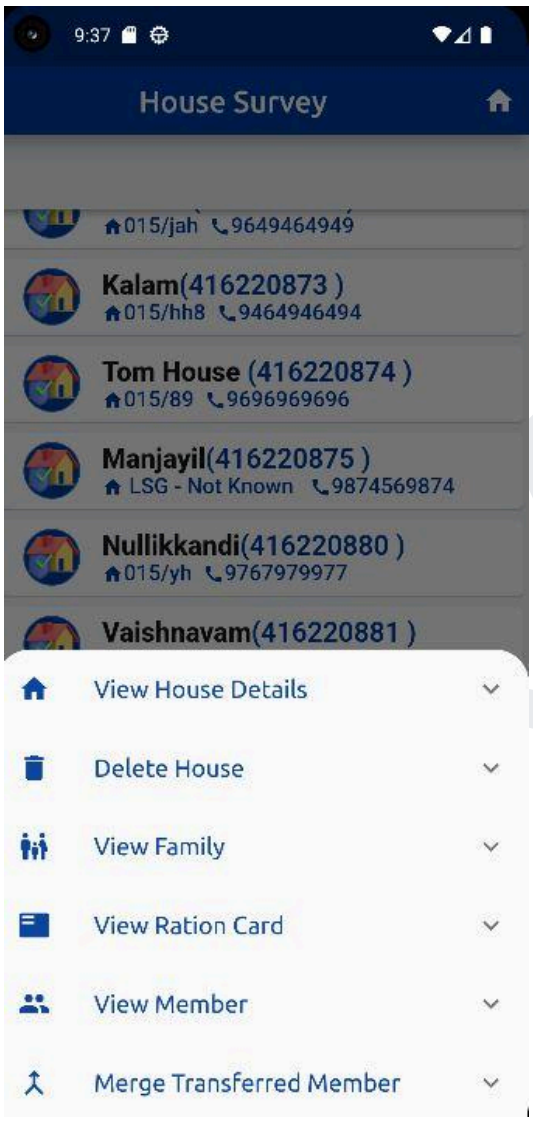
3.13 Member Survey – Merge Member

A member transferred can be merged to a house under any other institution area by a user logged into the app for that institution. The members transferred from other institutions will be listed in a Member Survey - Merge Member screen. The screen is invoked through the house to which the member should be merged. The House Survey - Search form is used to locate the house from the House List. Select desired house and tap on option Merge Transferred Member.

	To initiate merge of a transferred member to a particular house, select the house from the list displayed on the House Survey - Search page, and then click on the option Merge Transferred Member.

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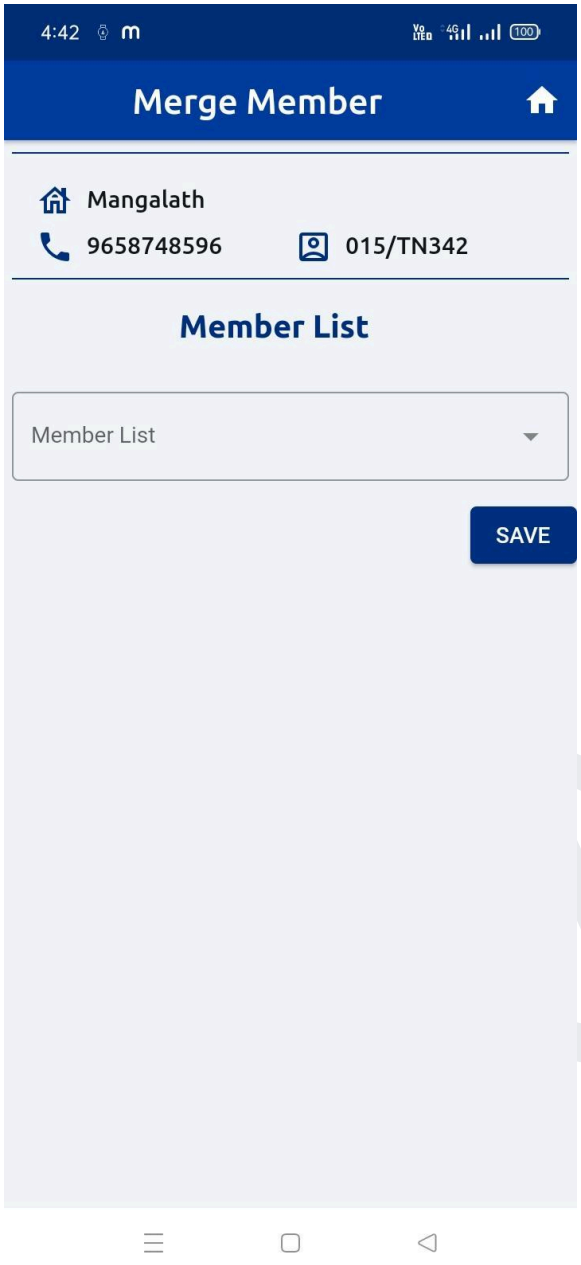

The Merge Member is shown with a list of members transferred from different institution area.

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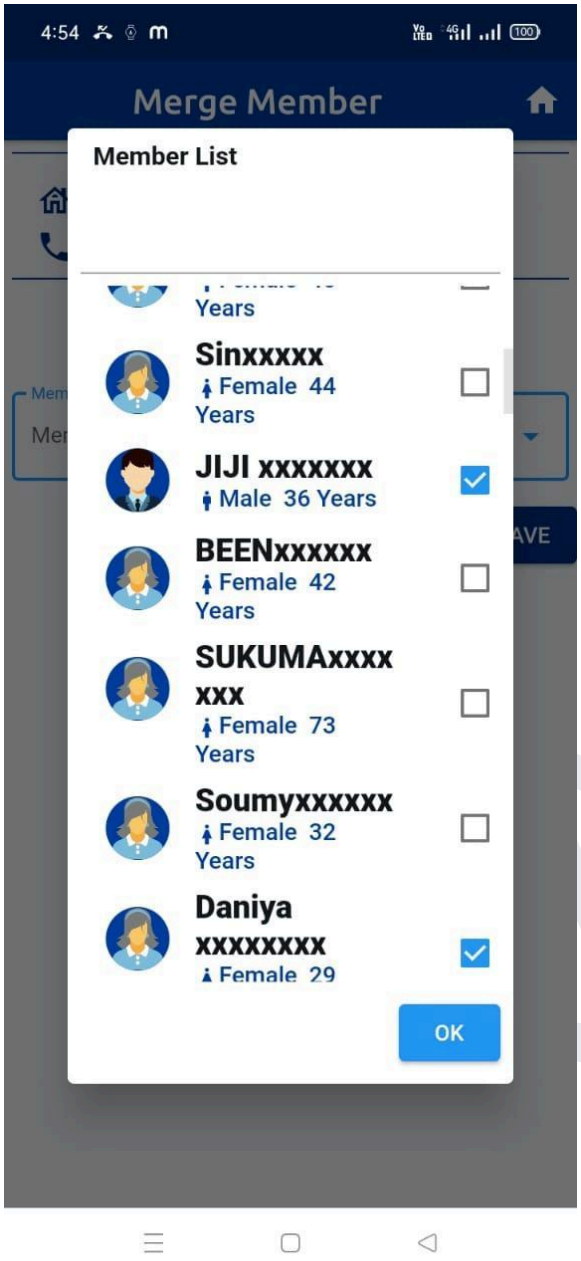

Select a member and click on OK.

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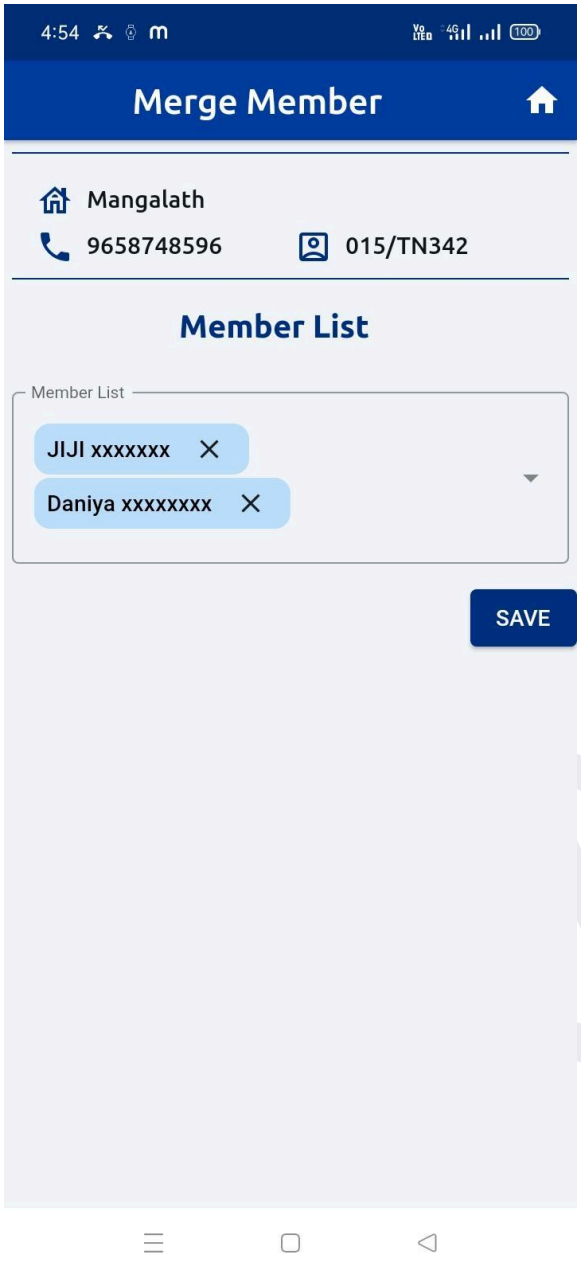

Click on SAVE to merge members to selected house.

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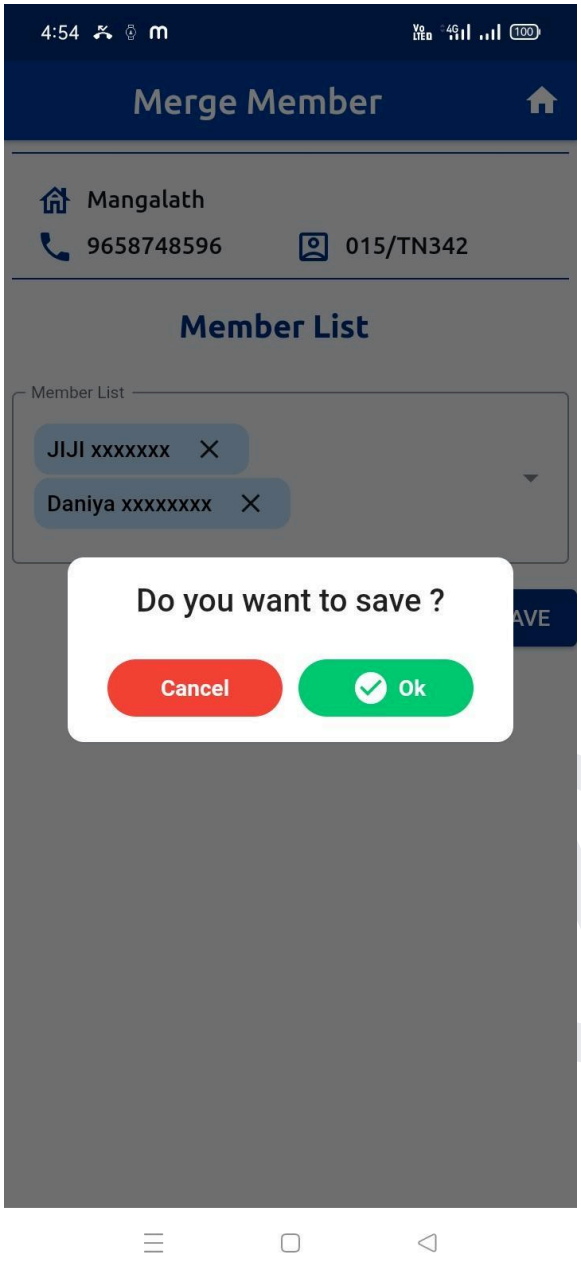

An Alert will be shown <Do you want to save ?>
Click Ok to proceed or click Cancel.

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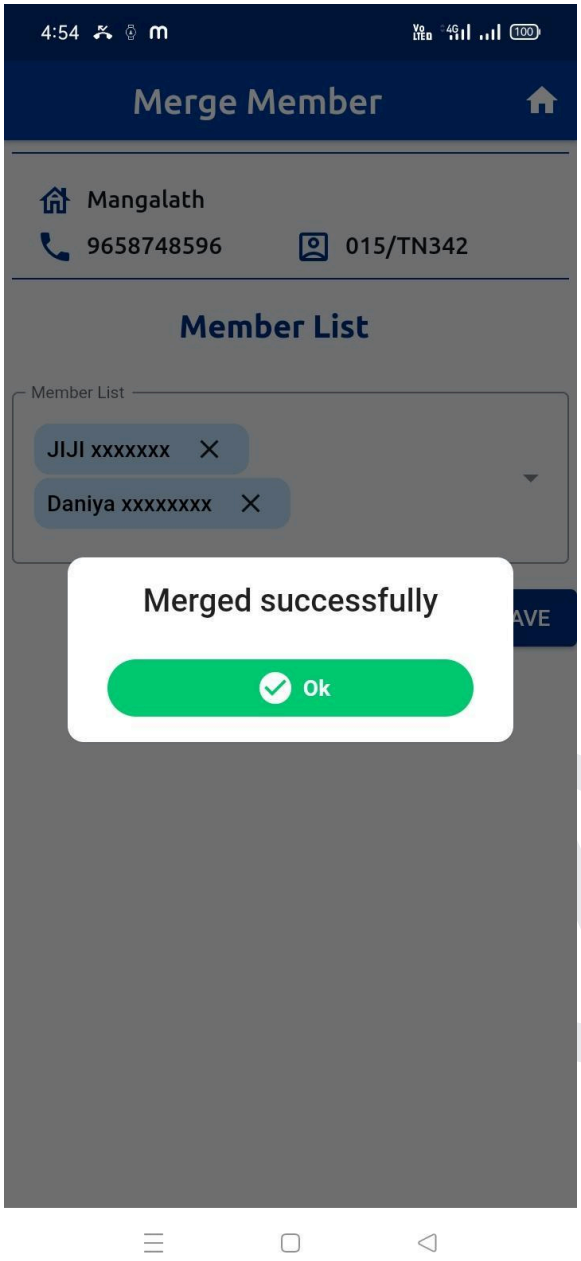	An Alert will be shown <Merged Successfully>click ok

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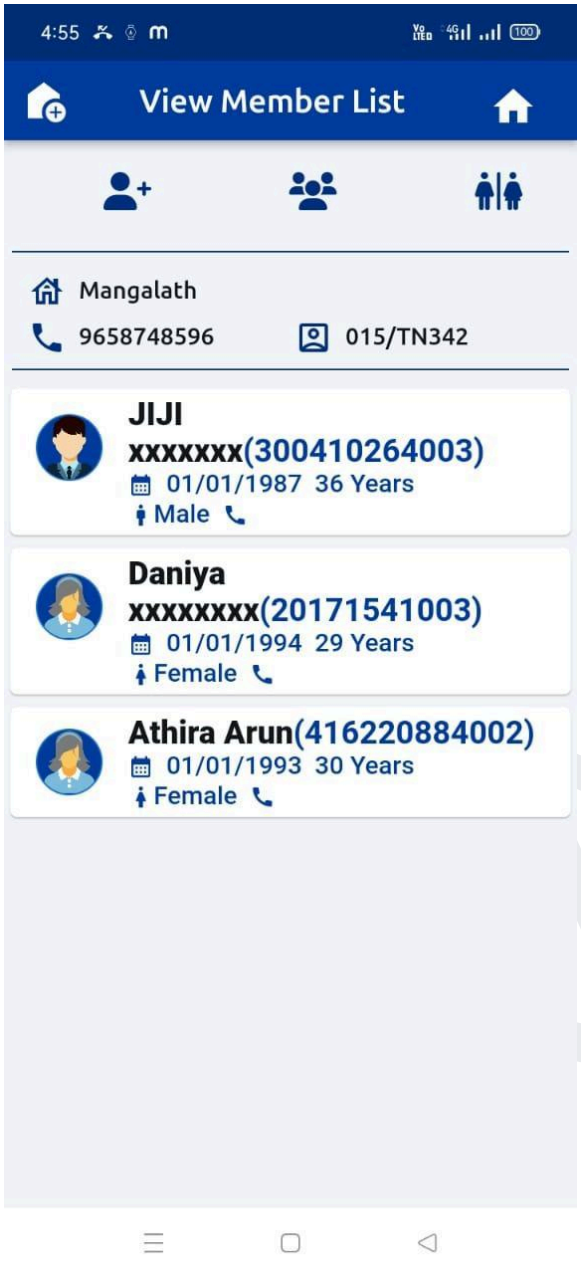

Merged members are listed as members in the selected house.

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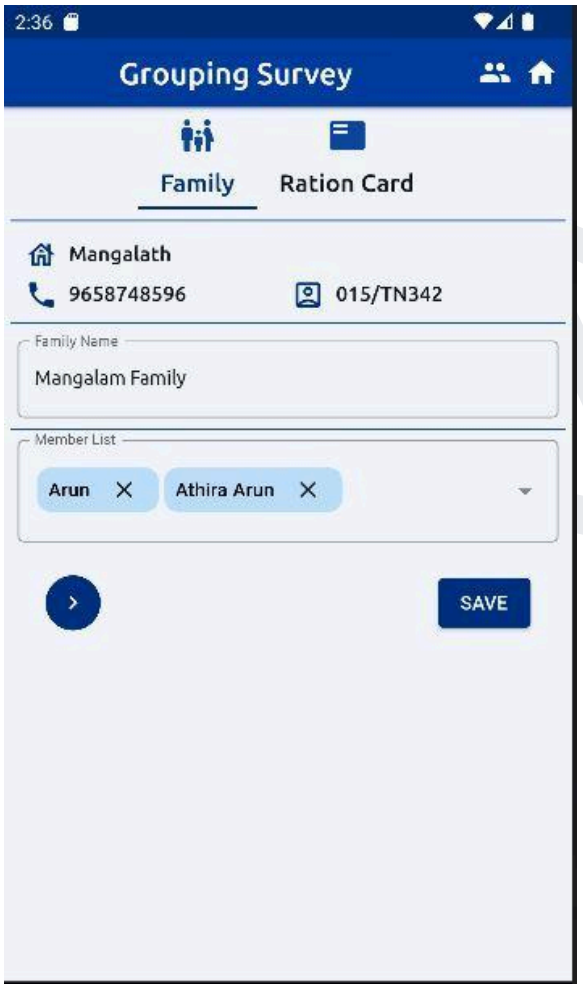
3.14 Grouping Survey

Member groupings can be based on (1) Family (2) Ration Card. Separate forms are provided to capture details on Family and Ration Card based member groupings. The forms can be invoked through

- Immediately after entering a house (accommodation facility) details from the House Survey form itself.
- View Member page
- House Survey - Edit page

3.14.1 Add Family

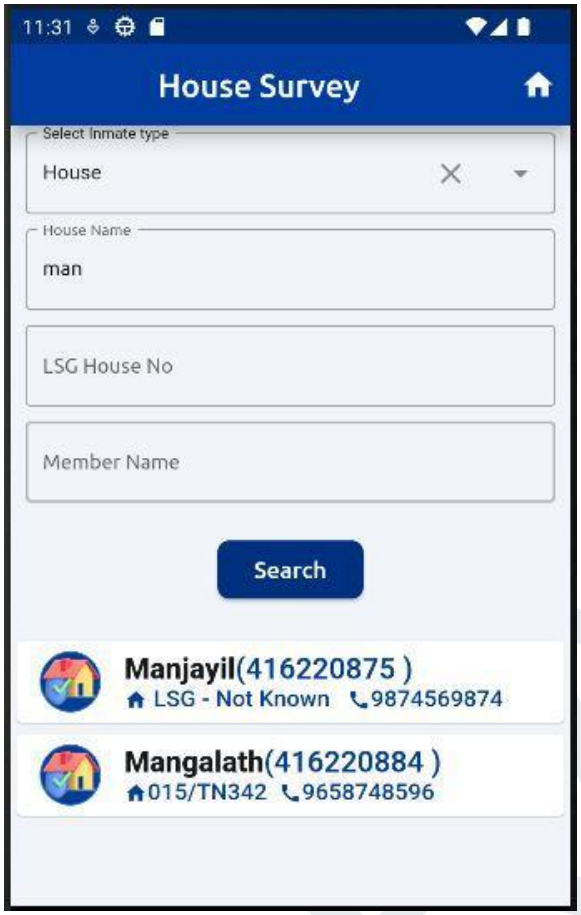


Family Name : Enter a name for family

Member List : Select the members from the list that belongs to the corresponding family

Save : Click on Save button

3.14.2 Modify Family



Choose the house from the list of houses displayed on the House Survey Page for which family data is to be modified.

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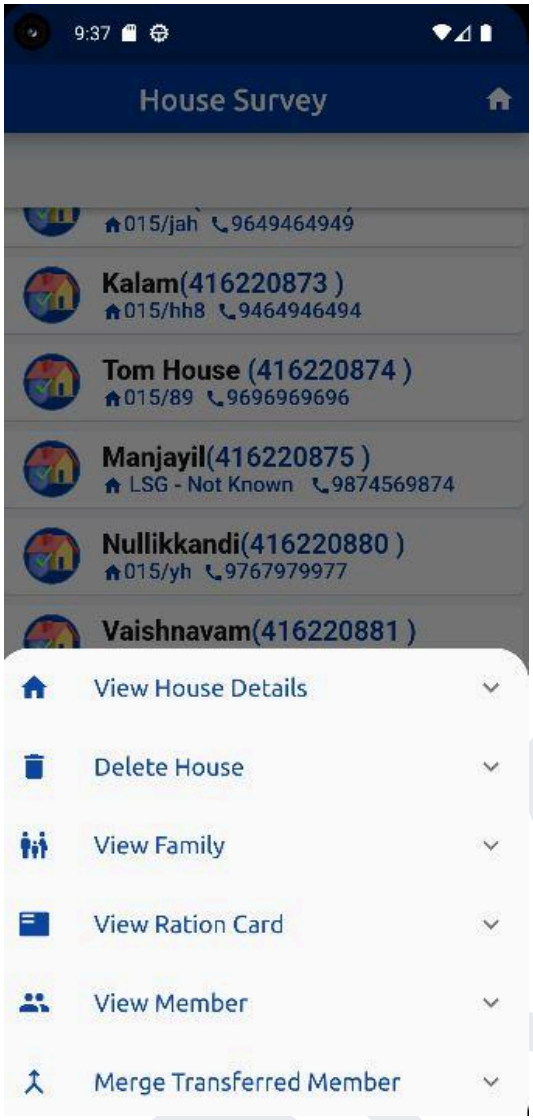

View Family : Select option View Family to access options for adding, updating, deleting family data.

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	Select Family Name : On the "Family Grouping Edit" page, open the dropdown menu labeled "Select Family Name." From the list that appears, choose the family you wish to edit.

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Family Name: edit the family name as needed

Member List : edit the member list as needed

Update : Save the changes you made to update the family data by clicking the Update button.

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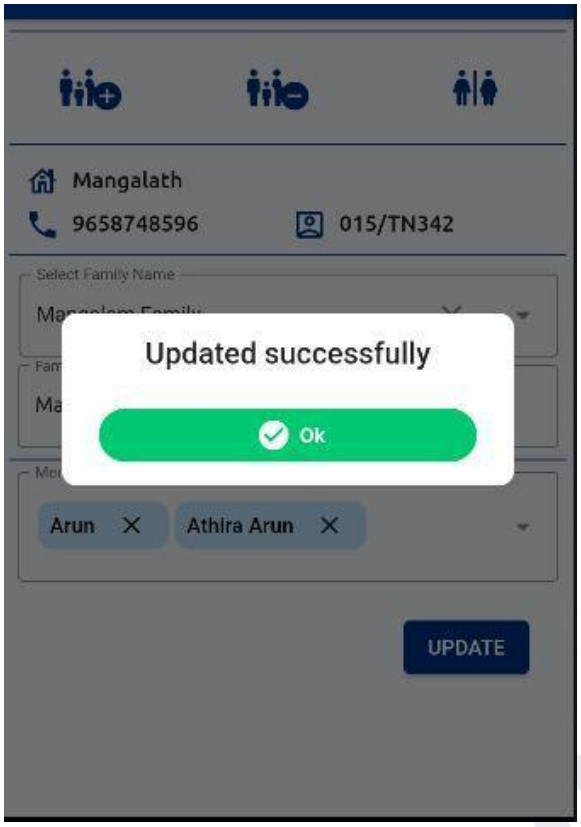	An Alert will be shown as in the image <Updated Successfully>. Click on the Ok button

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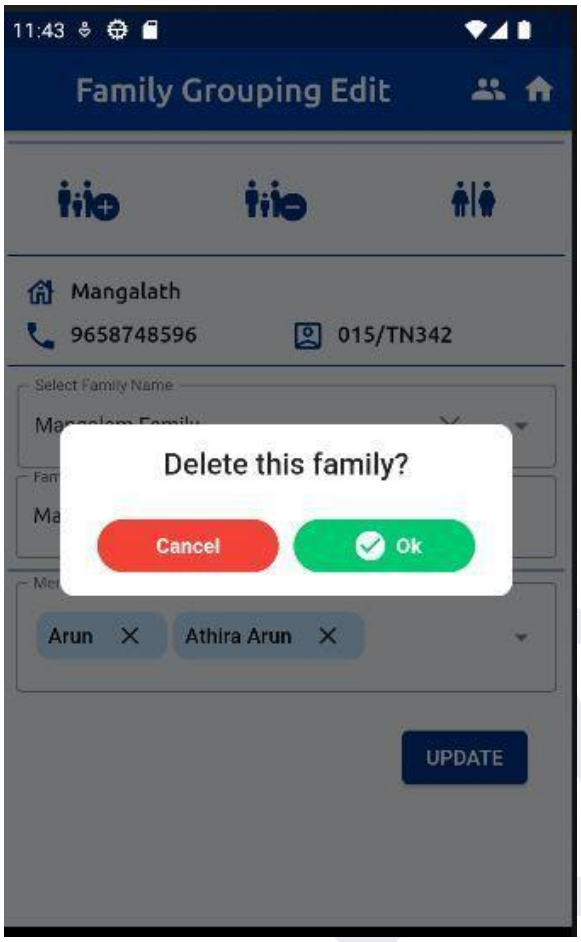
3.14.3 Delete Family



Click the middle icon below the app bar of the Family Grouping Edit Page.

An Alert will be shown <Delete this Family?> , click **Ok** to delete the family and otherwise click **Cancel.**

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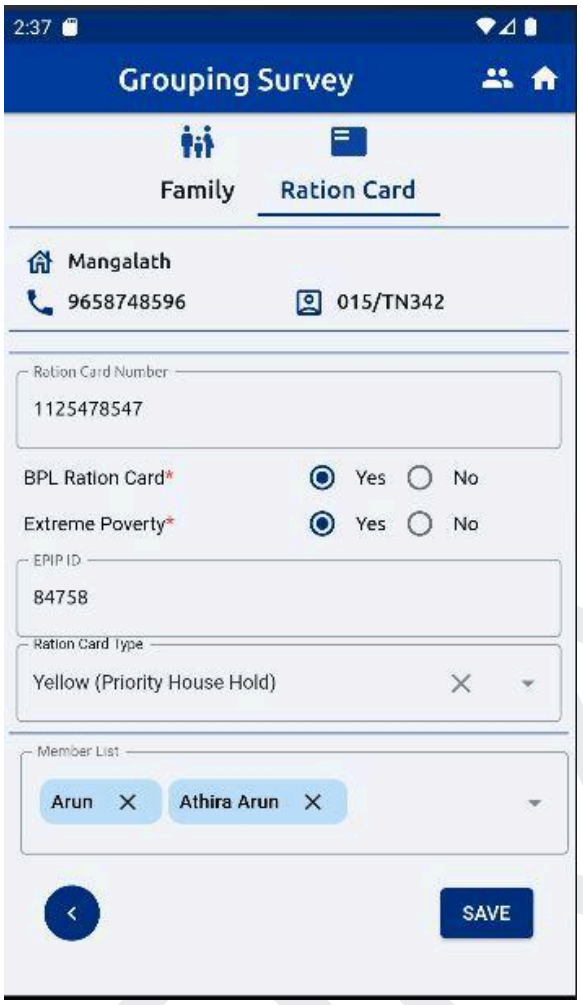
3.14.4 Add Ration card

Click on the Ration Card tab to add the Ration Card details.



Ration Card : Click on the Ration Card tab from the Grouping Survey Page

Ration Card Number : Enter Ration Card number correctly as provided in the Ration Card.

BPL Ration Card : select **Yes** if BPL Ration Card, otherwise select **No**

Extreme Poverty : select **Yes** if card type is of Extreme Poverty otherwise select **No**. Enter additional details on Extreme Poverty

Click on SAVE.

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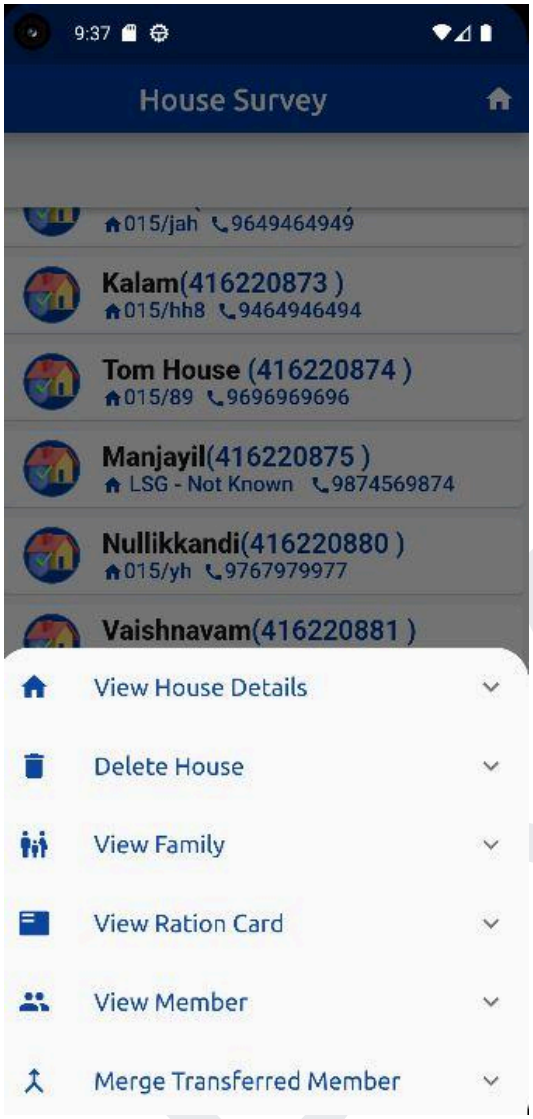
3.14.5 Modify Ration card

There is a provision to modify ration card details which can be accessed through View Ration Card option in House Search list.



To modify Ration card details, Click on View Ration Card option for a specific house from the list .

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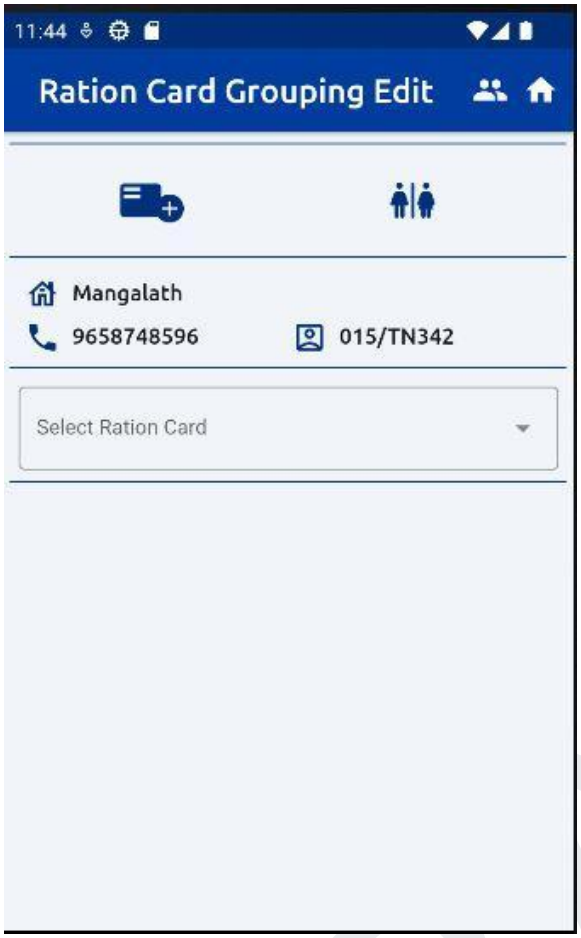

click on this icon to add a new ration Card. An alert will be shown<Add a new ration card?> Click Ok to add new Ration Card and to edit the details of an existing ration card follow the below procedure.

Click on Select Ration Card

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	Select Ration Card : Select the Ration Card number from the list provided for which the modification is to be done.

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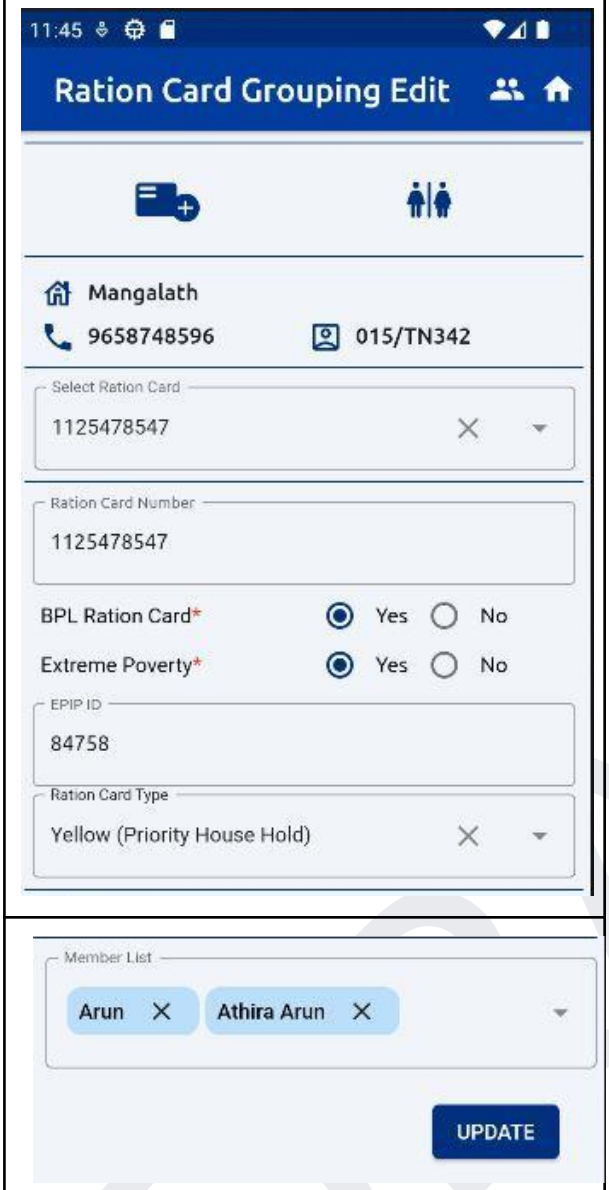

All the saved data for the selected Ration Card number populates to corresponding fields. Make necessary changes in the required fields and click UPDATE button.

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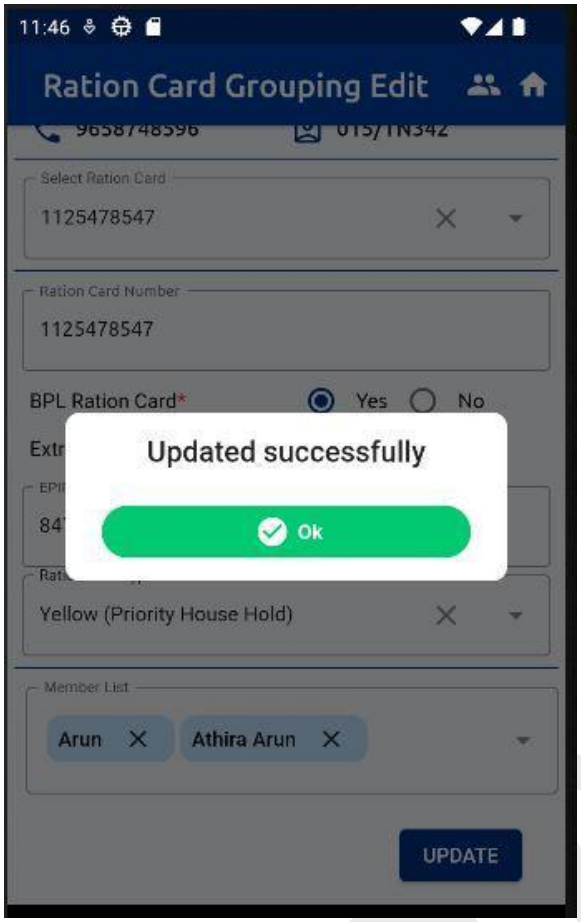	An alert will be shown as <Updated Successfully> as in the image. Click on the Ok button.

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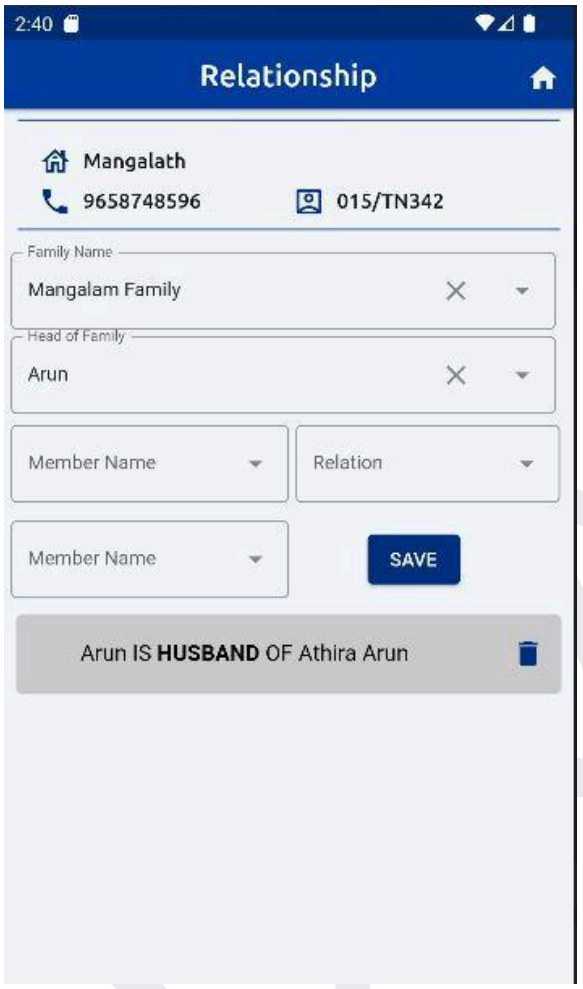
3.15 Relationships

3.15.1 Add Relationship

Relationships can be added for members in a family.



Family Name : Select the Family name for which the relation is to be added.

Head of Family : Select the Head of the family from the list

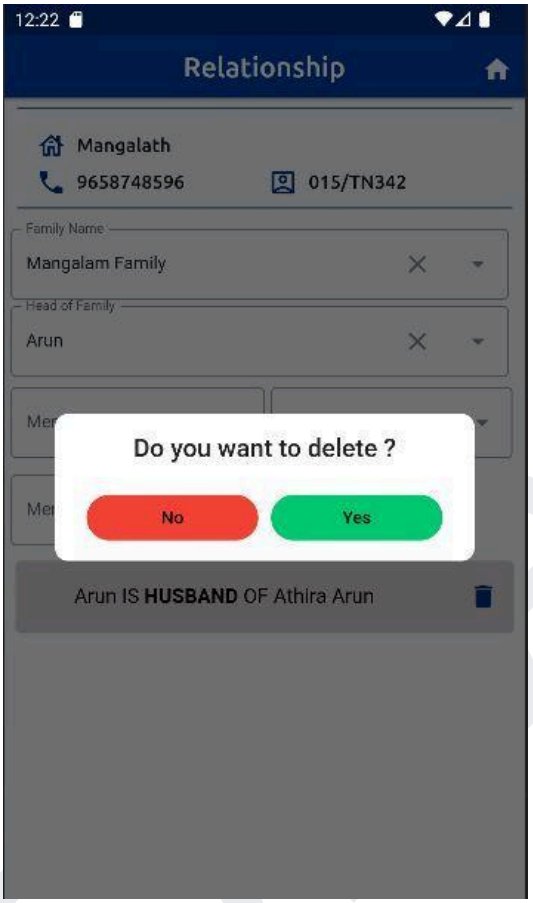
Member Name : Select Member name from the list to whom the relationship is to be mapped.

Relation : Select Relation type such as father, mother, son, daughter etc from the list provided

Member Name : select Member name from the list to whom the relationship is to be mapped.

Save : click on SAVE button to add the relationship, a list of added relationships will be shown below.

3.15.2 Delete Relationship



Delete icon : click the delete icon in the right corner of the relation list, an Alert will be shown <Do you want to delete?> ,

Yes : click **Yes** to delete the relation;

No : click **No** to retain it on the Relationship page.

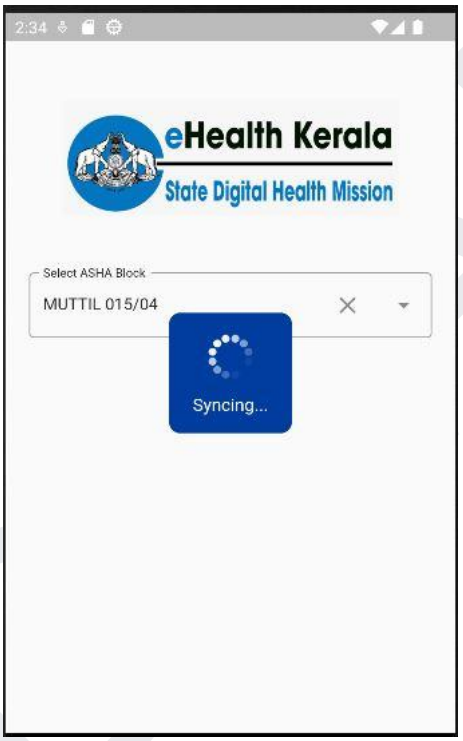
3.16 Location Information

The location information about the the area being surveyed such as Ward Name can be obtained from a page that can be accessed from the header of any survey page such as House Survey / Member Survey

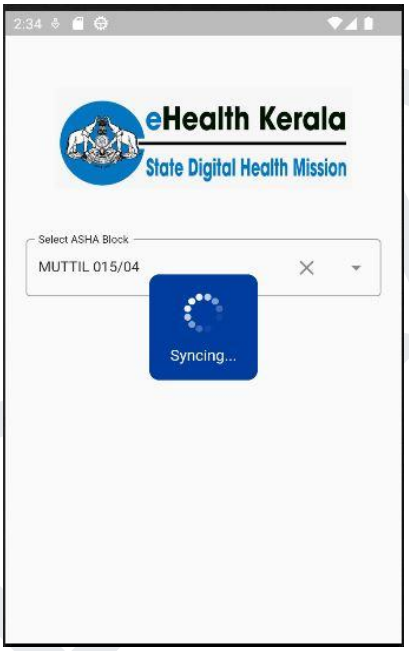
3.17 Data Synchronizaton

Data Synchronization involves upload synching data from mobile device to PH server and download synching data from PH server to mobile device. The data uploaded will include all survey and service data captured from mobile device to central PH server. The data downloaded will include master data list (such as occupation list, religion list) and also survey/services data which are updated in PH server or by a co-worker. The device will hold data for one selected ASHA Block. The data for each ASHA Block will be selected as when they are selected during a Login activity or through an ASHA Block switch option.

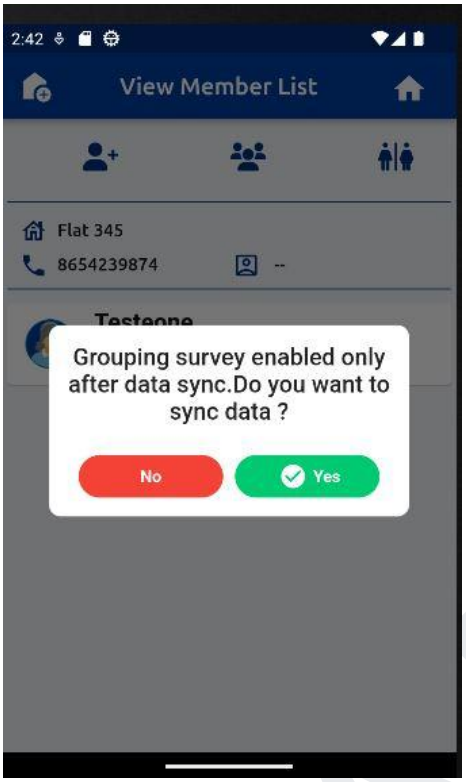
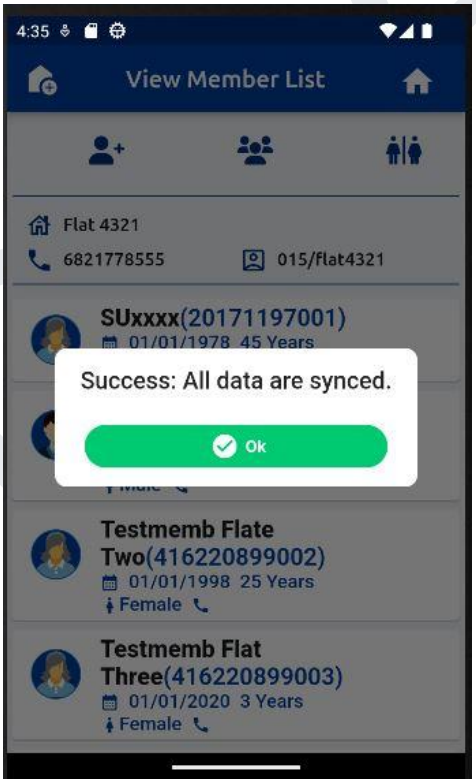
There are three ways in which the data synchronization activities are invoked in the app

	Login in an online way. The mandatory daily online login activity will automatically upload sync all data from device to PH server and download any new data available in PH server to device. Once an ASHA Block is selected, the survey and service data for the selected ASHA Block will be downloaded to the device.

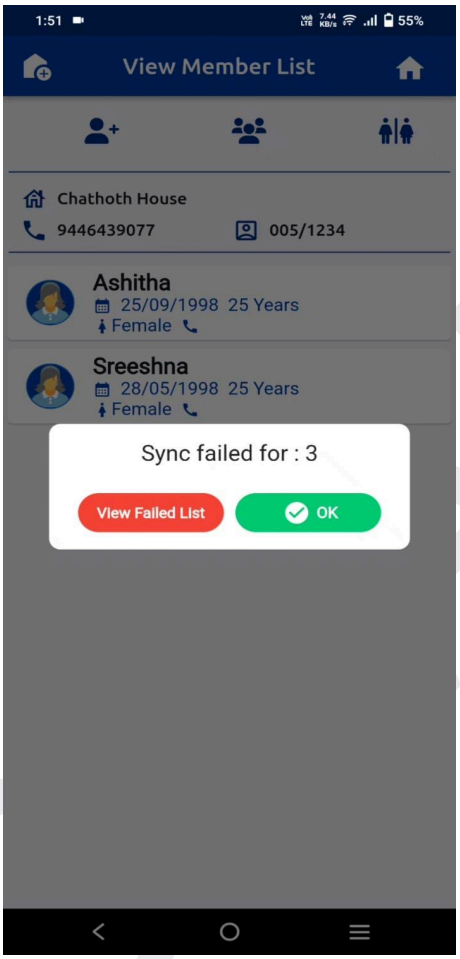
1.

	ASHA Block switch. The user once logged into to work on an ASHA Block can change ASHA Block during the same day session. While changing the ASHA Blocks, the upload and download data synchronization is automatically initiated for the new ASHA Block selected
	

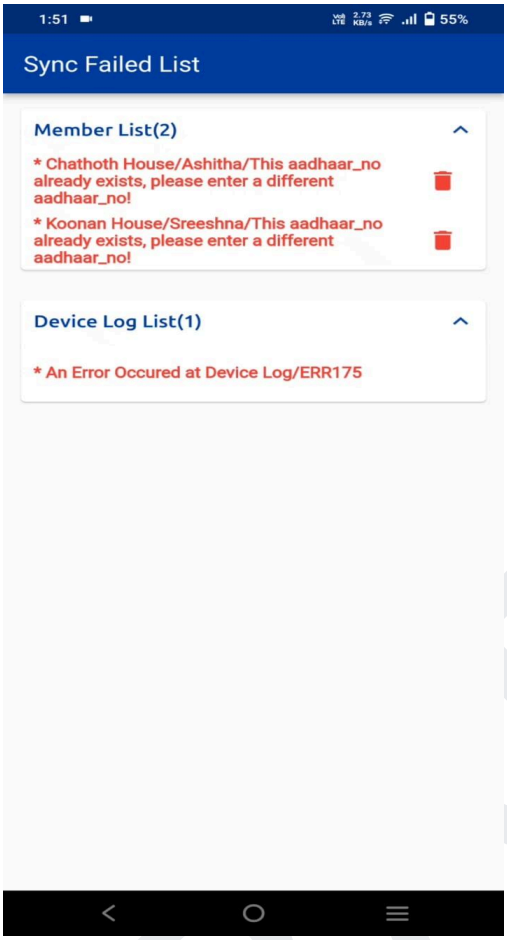
2.

	Grouping Survey and Relation Mapping. The Grouping Survey and Relation Mapping requires house and members with IDs generated. To enable the generation of IDs for newly created houses and members, the upload sync is enabled from modules for Grouping Survey and relation mapping.
	

4.



When the data synchronization process fails, an alert will be displayed. In the alert, you will see two buttons - 'OK.' Clicking 'OK' will allow the synchronization process to continue. If there are records that have failed, you can view them by clicking on 'View Failed List.' This will open a detailed screen showing the records that have encountered errors.

	Clicking on 'View Failed List.' This will open. Screen shows a detailed view of the records that have encountered errors.

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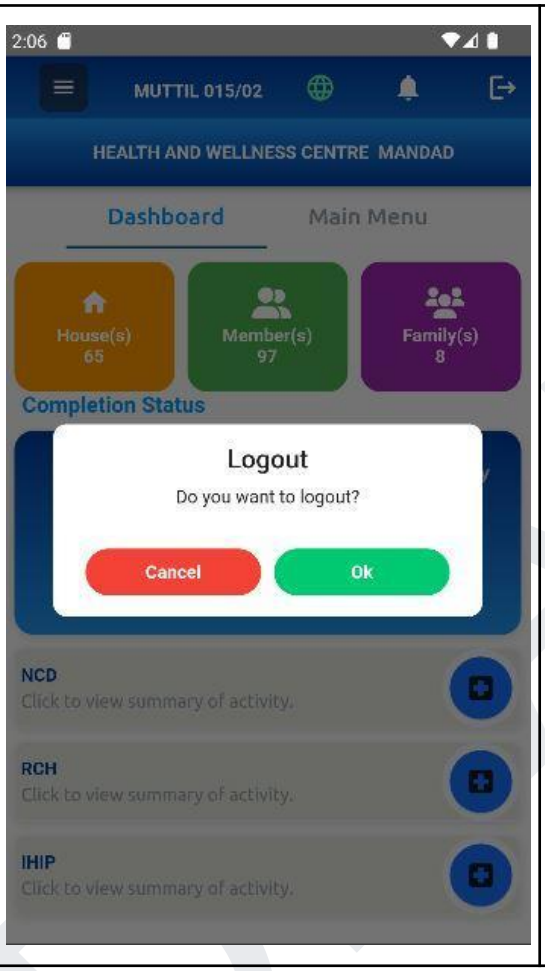
3.18 Logout



Logout icon : Click on the Logout icon from the Home Page appbar, an Alert will be shown <Do you want to logout?>

Ok : click on **Ok** to navigate to check MPIN screen

cancel : click on **cancel** to remain in the Home Page itself.

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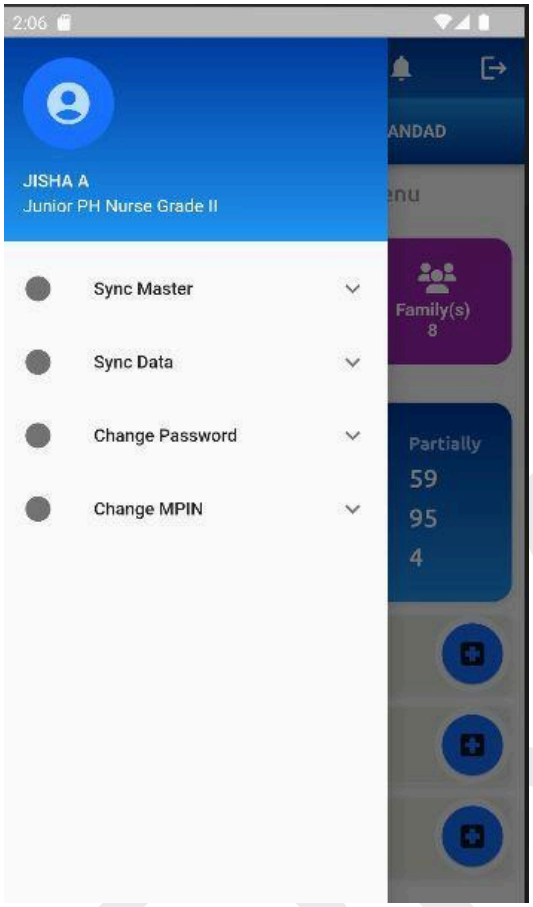
3.19 Change Password

A user can change their password through the option Change Password inside the drawer menu.

	**Change Password:** Click on Change Password from the App Bar drawer menu in the home page. You will be redirected to a screen to change password.

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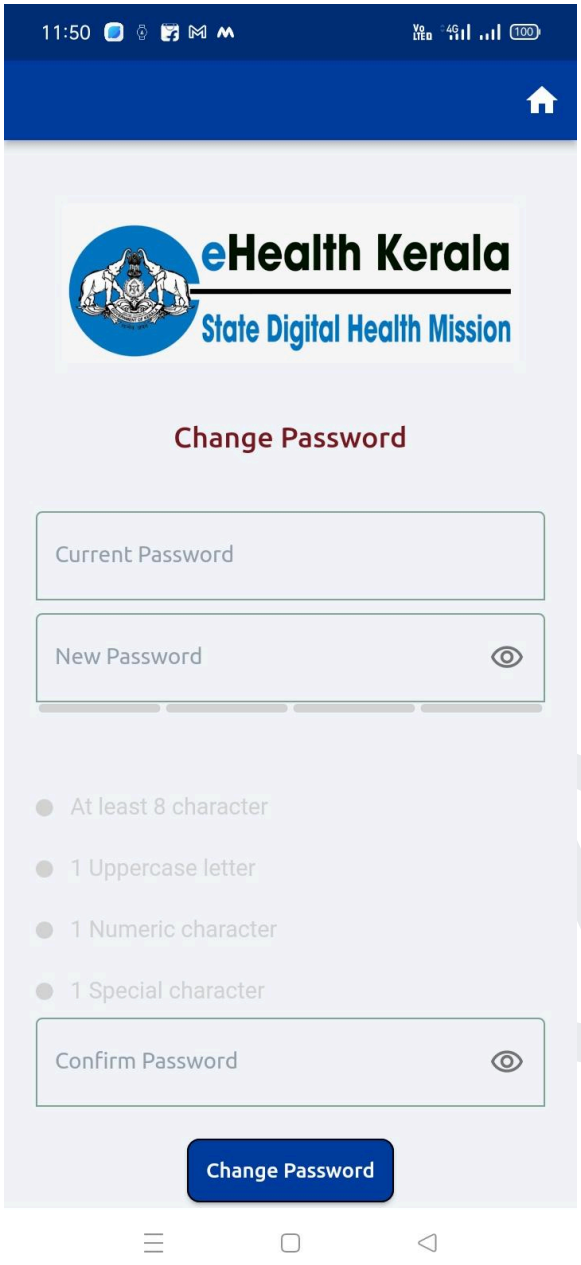


Current Password: Enter the current password in the Current Password field.

New Password : Enter new password following the conditions specified.

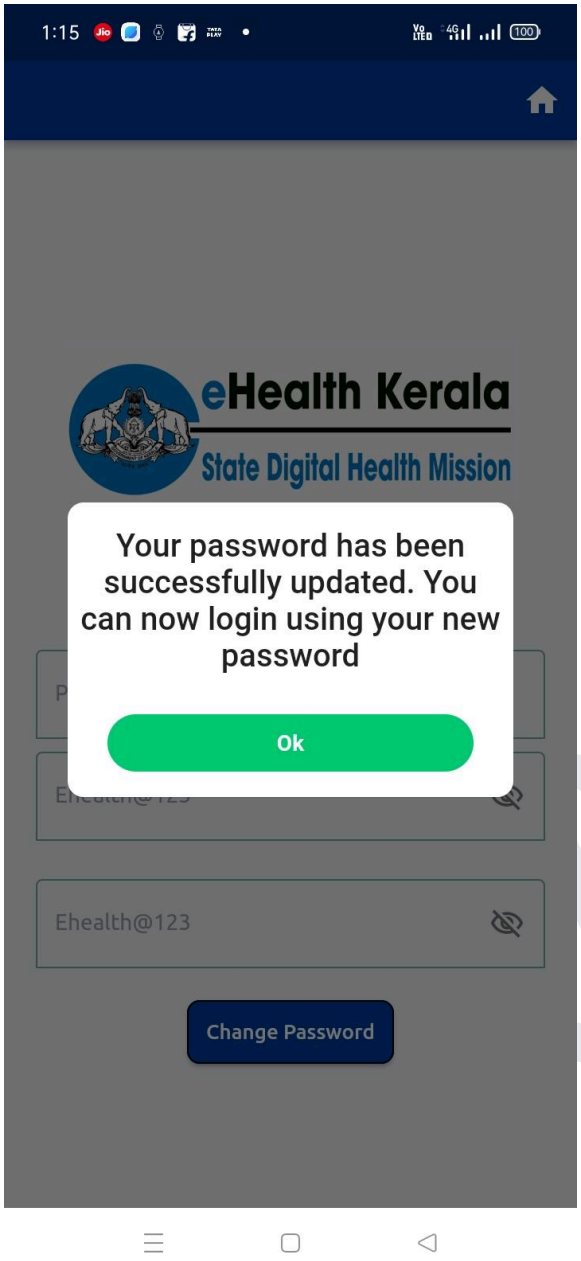
*at least 8 characters

*1 Uppercase letter

*1 Numeric character

*1 special character

Confirm Password : Enter the same password given in the New Password field.

	**ok:** an alert will be shown<Your password has been successfully updated.you can now login using your new password>, click ok

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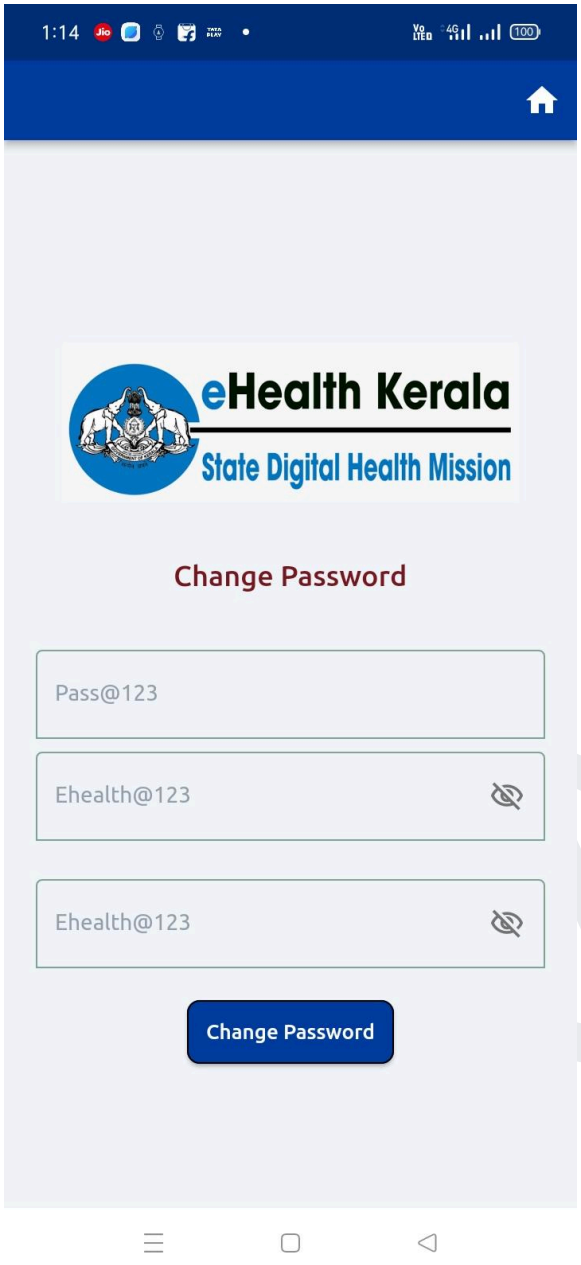

Change Password : click the change password button

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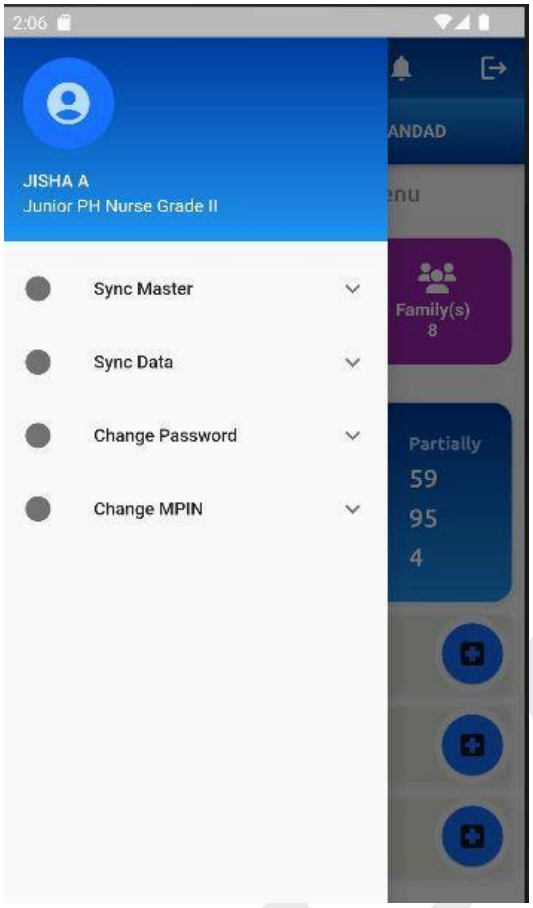
3.20 Change MPIN



Change MPIN : click on Change MPIN from the app bar drawer menu in the home page.
you will be redirected to a screen to enter the MPIN

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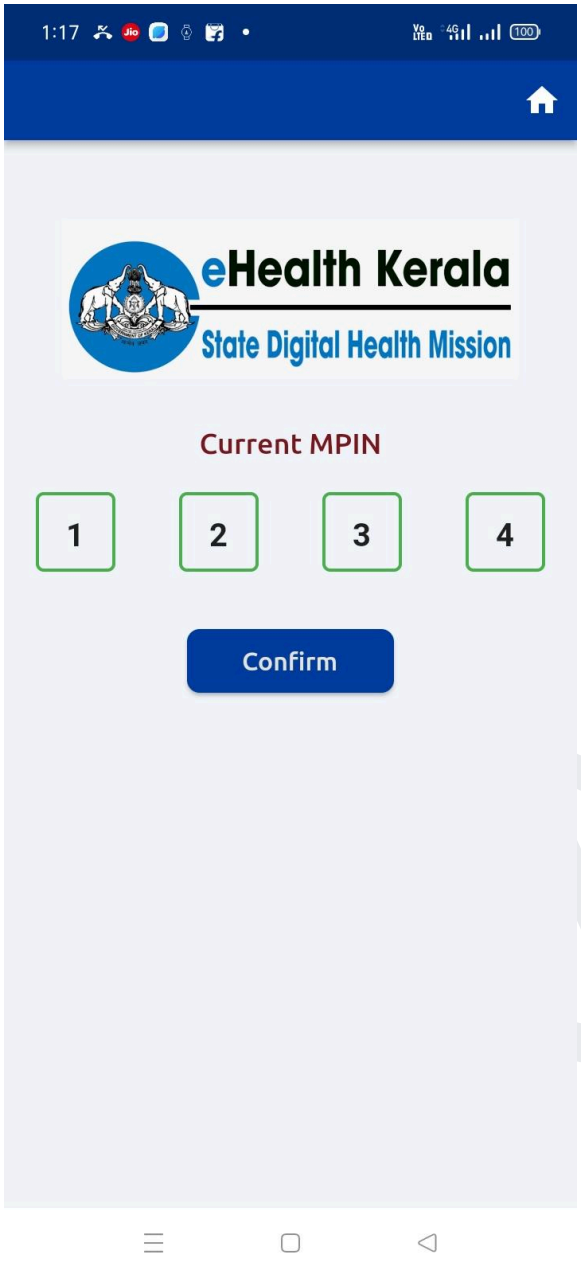

Current MPIN : Enter current MPIN in the 4 input boxes given.

Confirm : click on the confirm button, if the MPIN entered is correct, you will be redirected to a screen to create a New MPIN.

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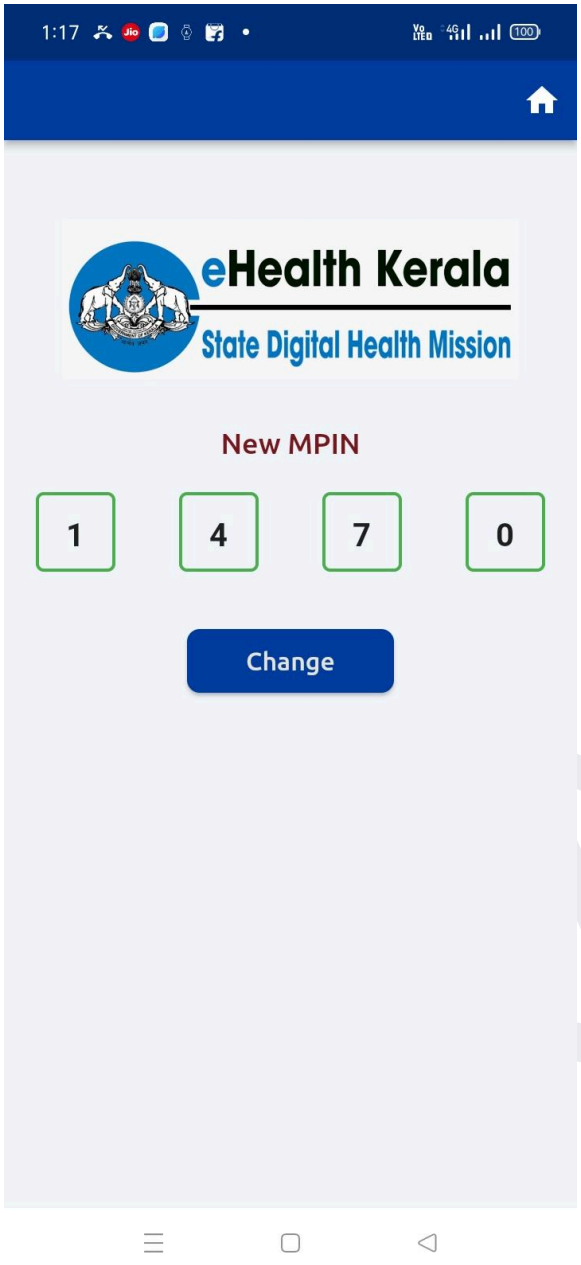	**New MPIN :** Enter new MPIN in the 4 input boxes provided **Change :** click change button to create new MPIN.

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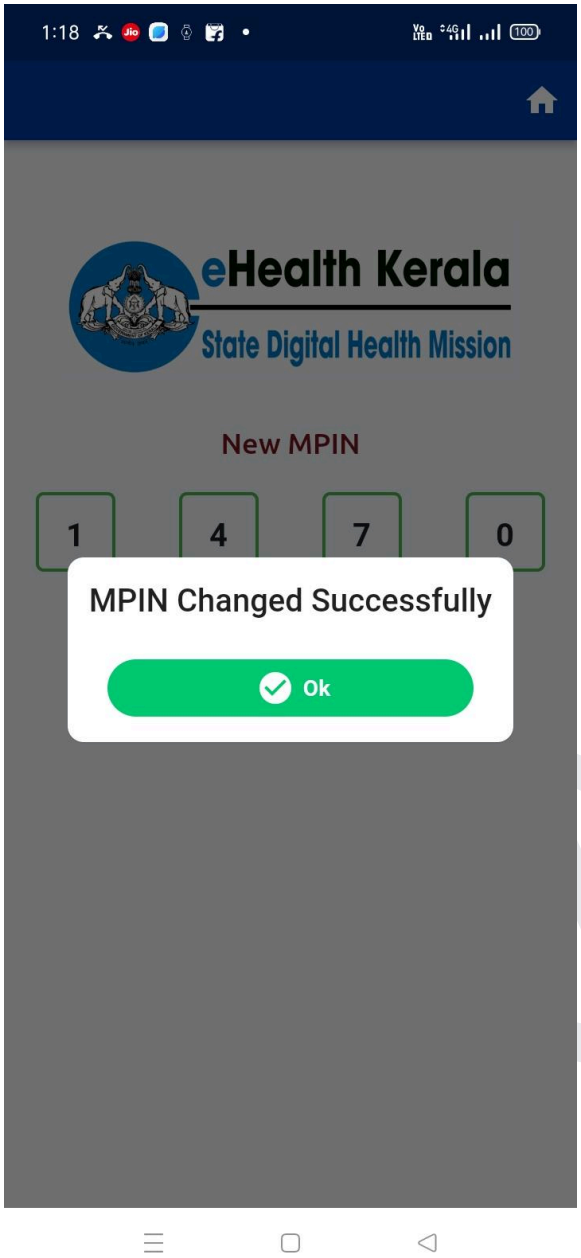	**OK:** An alert will be shown<MPIN Changed successfully>, click ok. use this new MPIN for any further login .

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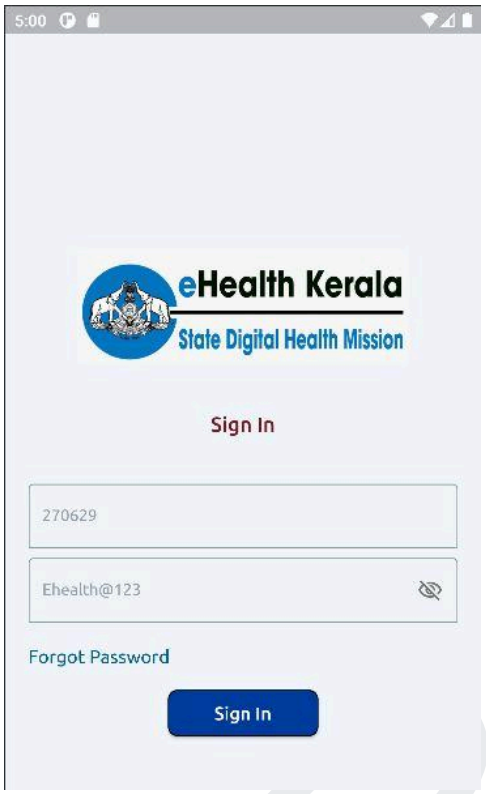
3.21 Forgot Password

This allows users to reset password if it is forgotten. The Forgot Password option can be accessed from The process involves an OTP device verification.

	**Forgot Password ：**A new password can be created by clicking the Forgot password option at the login screen. You will be redirected to a screen where you should enter the username.

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	Username : enter the username in the field provided. **Continue :** click on the Continue Button. you will be redirected to a screen to enter the OTP

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OTP : Enter OTP received in your registered mobile number before the time laps.

Resend OTP : click on Resend OTP button to resend the OTP.

Continue : Click on Continue button. You will be redirected to the Screen to create a new password.

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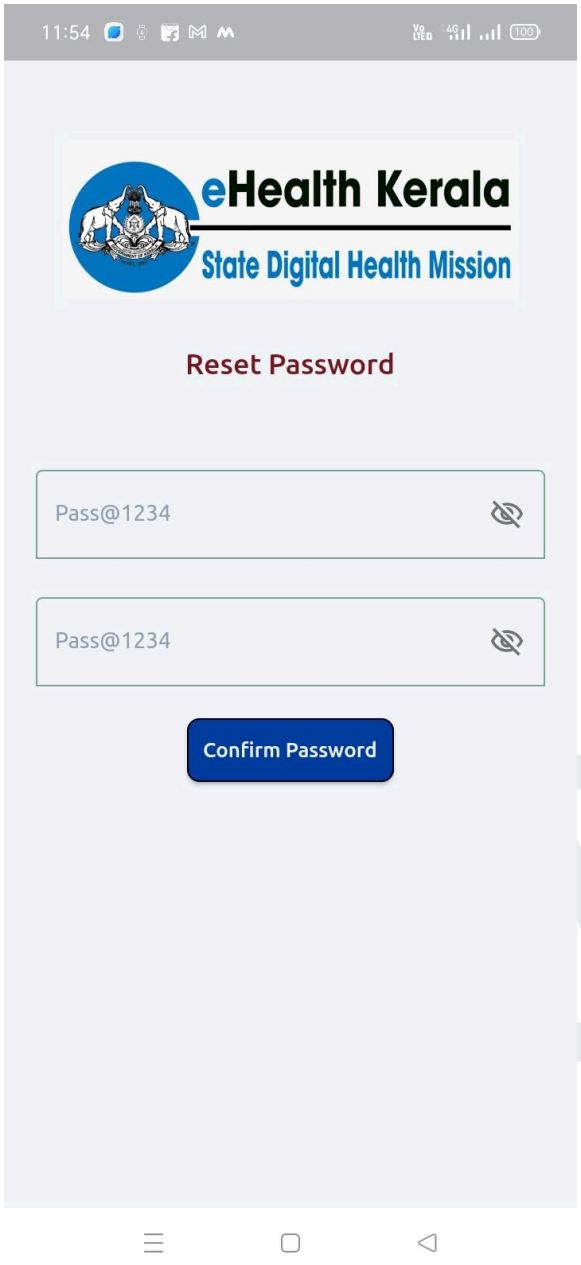

New Password : enter the new password following the conditions specified:

*at least 8 characters

*1 Uppercase letter

*1 Numeric character

*1 special character

Confirm Password: Enter the same password as in new password field .

Confirm Password : click confirm password button to create new password.

3.22 Forgot MPIN

The users will have the option to reset their MPIN if it is forgotten. Forgot MPIN activity involves authentication of user in online way (against PH server). The Forgot MPIN can be accessed through the Forgot MPIN link in Check MPIN screen. Please note that online connectivity is needed for this process.

	Forgot MPIN : A new MPIN can be created by clicking the Forgot MPIN option at the Check MPIN screen. You will be redirected to the login screen.

- **Username:** Enter the Username
- **Password:** Enter the password
- **Sign In** : Click on the Sign In button to continue. On successfully authenticating the user, an OTP screen will be shown.

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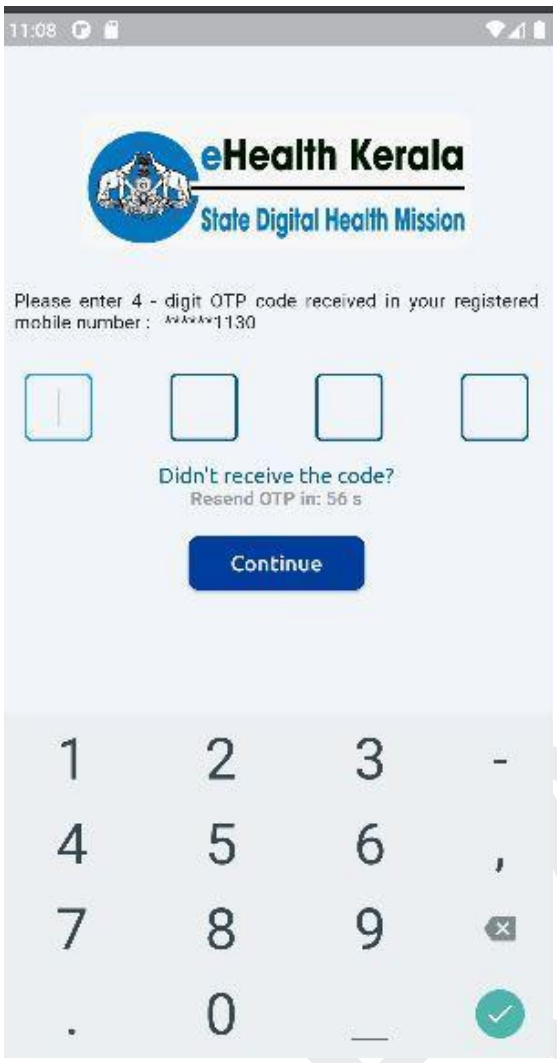

OTP : Enter OTP received in your registered mobile number before the time laps.

Resend OTP : Click on Resend OTP button to resend the OTP.

Continue : Click on Continue button. You will be redirected to the create new MPIN screen.

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	Create MPIN : 4 input boxes are provided to set a new MPIN. **Please Confirm MPIN** : 4 input boxes are provided to confirm the MPIN **Confirm** : Click on Confirm button. The MPINs in Create and Confirm should match and an Alert will be shown<MPIN created successfully>. Now users can login with the new MPIN. If they don't match a triggering error, a shake animation is shown.

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After setting MPIN, the user will be prompted to authenticate using the MPIN

- **MPIN** : Enter the MPIN correctly and click on the Continue button to login .
- **Continue** : Click on Continue button. If MPIN is verified successfully, you will be redirected to a page to select the ASHA Block.

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4 Annexure

Annexure - I: Fields for Data completion in House and Member Survey

House survey

Completed

- All fields except contact number and remarks

Partially completed

- Inmate's type
- Locality
- House name
- LSG name
- Total number of members
- Occupancy status
- Locality Type
- Electrification status

Member survey

Partially

- Any ID (ID is not mandatory for children)
- Name
- Age
- Gender
- House Name

Completed

All field except mobile number, ,blood group

Family Survey

Completed

- All completed except ration card grouping

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Partial

- Family created and relationship mapped for any count of members less than Total members in that house

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