

1. Login

1. First of all, we need to login to the app with given credentials.
2. To login press on  icon at the center of the app as shown below:

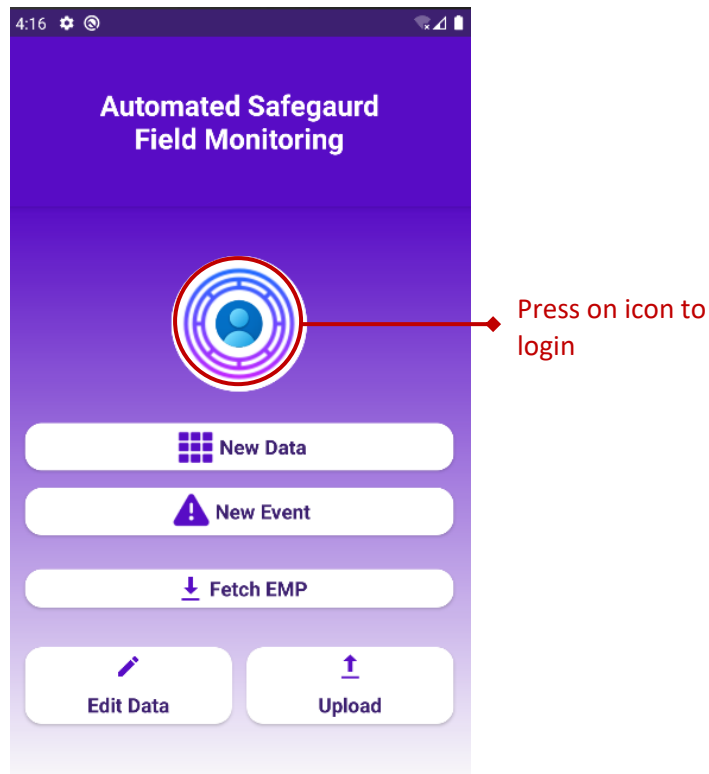


Figure 1: Home page of app

3. On icon press it displays following screen as shown in the following figure. Type registered username and password and press 'SET' button to login.

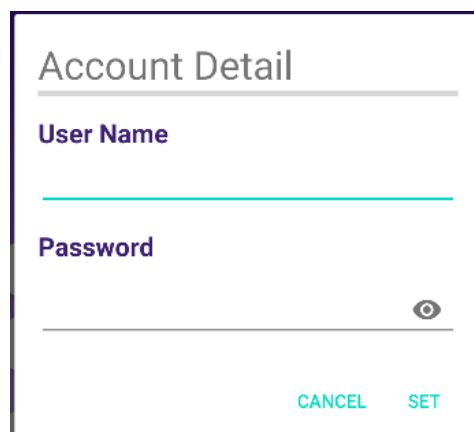


Figure 2: Login dialog box

2. Home

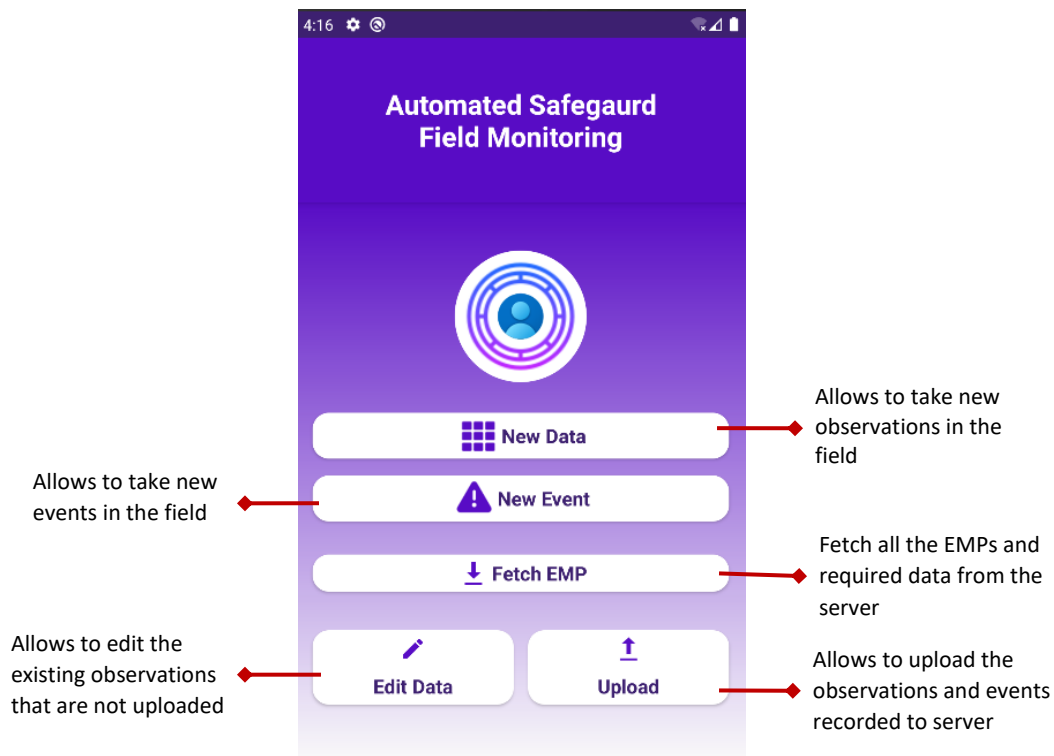


Figure 3: Home page

This is the home screen of the app. This app allows to record new observations of field and new events that are urgent to be tackled, upload the observations and events to server. When events are uploaded, an email as an alert is also sent from server for quick action.

3. Fetch EMP

When '**Fetch EMP**' button is pressed the following pop-up is displayed:

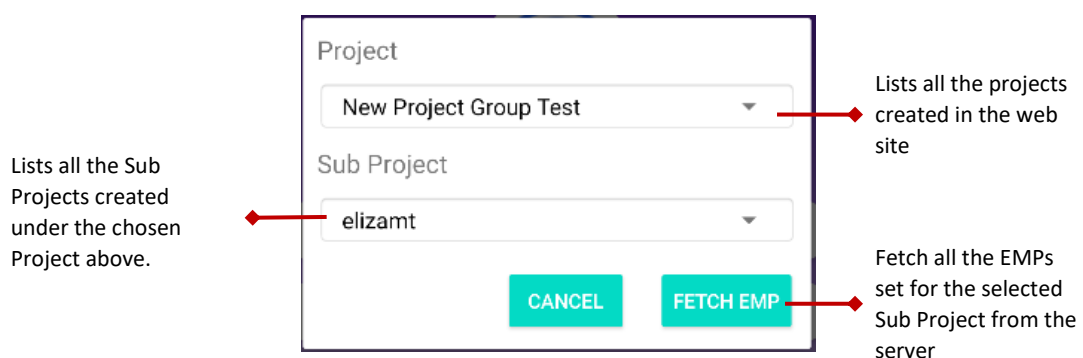


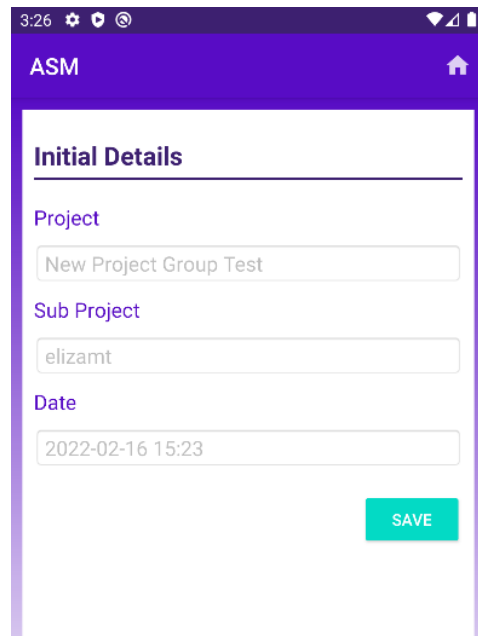
Figure 4: Fetch emp dialog box

1. Select the Project from the listed list of Projects.
2. Select the Sub Project form the list that falls under the selected Project.

3. Press Fetch EMP button to pull all the EMPs that has been set for the Sub Project in the website. For fetching data, we require the internet connection.
4. If the user is assigned with the selected Sub-Project no error appears and “Successfully fetched” toast message is shown at the bottom of the page.

4. New Data (Observations)

When New Data button is pressed, it navigates to the ‘Initial Details’ Page which is shown in the figure below:



The screenshot shows a mobile application interface for 'ASM'. The top status bar displays the time 3:26 and various icons. The app's header is purple with the text 'ASM' and a home icon. The main content area is white and titled 'Initial Details' with a horizontal separator line. Below the title, there are three labeled input fields: 'Project' containing 'New Project Group Test', 'Sub Project' containing 'elizamt', and 'Date' containing '2022-02-16 15:23'. A green 'SAVE' button is positioned at the bottom right of the form.

Figure 5: Initial detail page

In this page the selected Project, Sub Project and Visited Date is automatically set when page is loaded. This page just needed to be saved. Press ‘Save’ then it is navigated to ‘Observation List’ Page.

5. Observation List

This page shows the list of observations taken. The following image shows two observations taken.

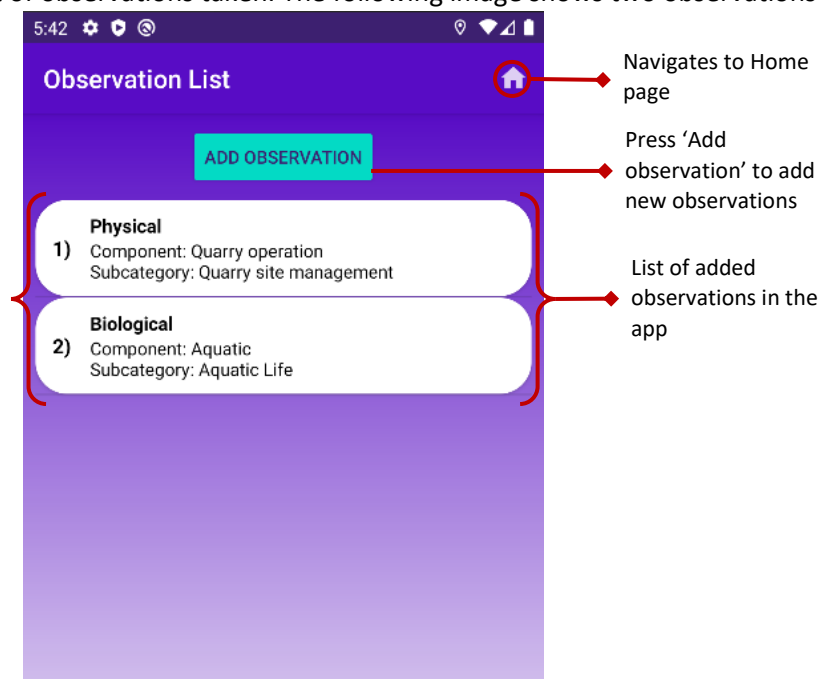


Figure 6: Observation List page

1. Press 'Add Observation' button to add observations. This navigates to the 'Observation' form page.
2. The observations can be edited/deleted. Press on the observation which need to be edited/deleted then following pop-up appears. Then the options can be selected as per the requirement.

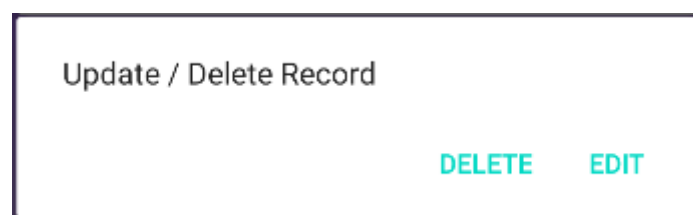


Figure 7: Observation list update and delete dialog box

6. Observation

The screenshot shows a mobile application interface for recording observations. The form is titled "Observation" and includes several sections: "Component", "Category", "Sub Category", "EMP Description", "Location", "GPS Location", "Image", and "Video".

Component: A dropdown menu with "Biological" selected. Annotation: "Lists the Components for the sub project."

Category: A dropdown menu with "Post stage for Tree Clearance" selected. Annotation: "Lists the Categories for the sub project."

Sub Category: A dropdown menu with "Tree cutting and forest product management" selected. Annotation: "Lists the Sub categories for the sub project."

EMP Description: A section containing three numbered items, each with a "Rating" dropdown and a "Remarks" text field. Red exclamation marks indicate mandatory fields. A large red bracket groups these items. Annotation: "Lists all the EMP Description for the selected Sub Category (All the red markings ! being the mandatory fields)".

Location: A text input field. Annotation: "The location of the place where the observation is being taken".

GPS Location: A section with fields for "Lat/Lon", "Ele/Acc", and "Date". A red circle highlights the "GPS Location" icon. Annotation: "Fetch the coordinates of the field where the observation is being taken (GPS Location) along with date".

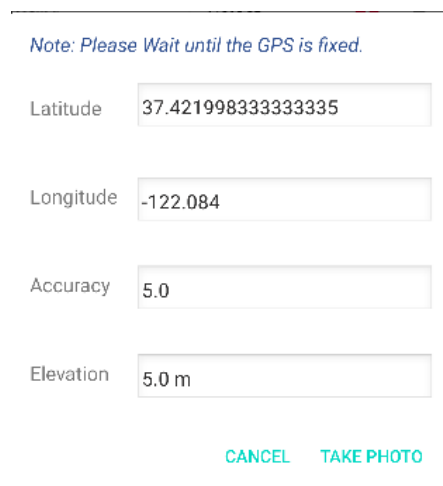
Image (Maximum no. 4): A section with a "caption" text field and a camera icon. Annotation: "Caption box for the photos(image) captured. Caption need to be written before taking the".

Video (Maximum no. 1): A section with a video icon. Annotation: "Take photographs for observation. (Max 4)".

Buttons: "SAVE" and "CANCEL" buttons at the bottom.

Figure 8: Observation Form page

1. Choose the Component from its dropdown list. This loads the respective Category list of the sub project.
2. Choose the Category from its dropdown list. This loads the respective Sub Category list of the sub project under selected category.
3. Choose the Sub Category from its dropdown list. This further loads the Emp Description for the selected sub category.
4. Fill the Answers/Current Achieved Value, Remarks and Rating for the listed EMP Description.
5. EMP Description
 - The (red marking) **!** denotes the mandatory fields that need to be filled before saving.
 - The **Remarks** and **Rating** are compulsory to fill for all questions except when option **NA** is chosen in the list of options given to select as answer.
6. Type the location where the observation is being taken.
7. Press on  icon to get the **GPS location** (coordinates) of the field. Wait for the **GPS** to get the location.
8. Press on  (**Camera**) icon to take the photo of the field observation. The caption needs to be written before taking an image. On pressing the **Camera** icon displays a dialog box as shown in the figure below. When **GPS** is captured, you can press “**Take Photo**” button to take image.



Note: Please Wait until the GPS is fixed.

Latitude 37.421998333333335

Longitude -122.084

Accuracy 5.0

Elevation 5.0 m

CANCEL TAKE PHOTO

Figure 9: Alert dialog to fetch GPS location where image is being taken

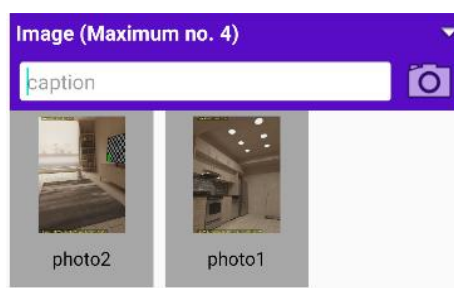


Figure 10: Photos taken shown in grid along with captions

9. Press on  (**Video**) icon to take video. For further details see section on **Video Recording**.
10. After filling all the required details, press Save button to save the changes.

11. If you press “**Cancel**” button an alert dialog box appears as shown below. If you press **OK** button the filled observation information will be discarded along with the media files and navigates you to the Observation list page.

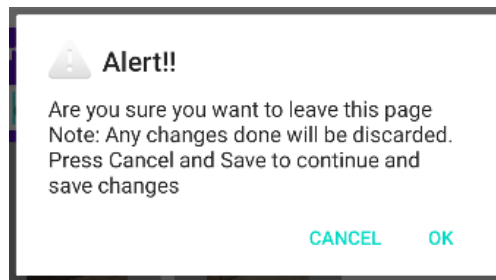


Figure 11: Alert dialog to discarding the report.

7. Video Recording

1. Press on  (**Video**) icon in the observation form to take video. Below shows the Video recording page.

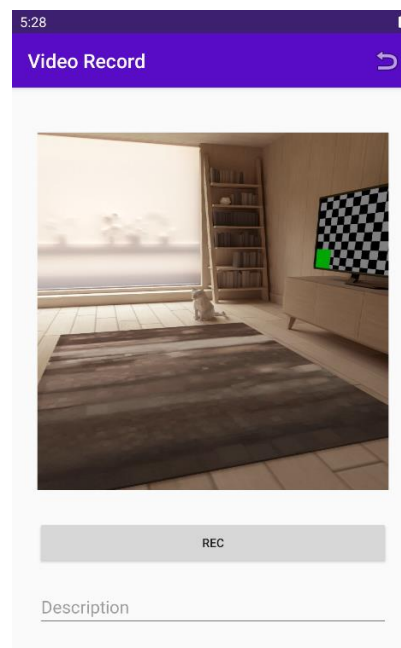


Figure 12: Record Video

2. Type the short description of the video.
3. Press “**REC**” button to start the video recording.
4. To Save the recorded video press “**STOP**” button. This navigates the screen back to the Observation Form.
Note: Maximum time limit for video recording is 1 minute and maximum file size is 5 MB. If this limit exceeds a message pop up at the bottom of the screen. Press “**STOP**” button to save the recorded video.
5. If you press  (Back) icon at top right corner of page, and if the recording has already been started the video will be saved and navigates to the Observation Form.
6. In order to delete and take new video press on the video thumbnail on the observation form. On thumbnail press following dialog box appears:

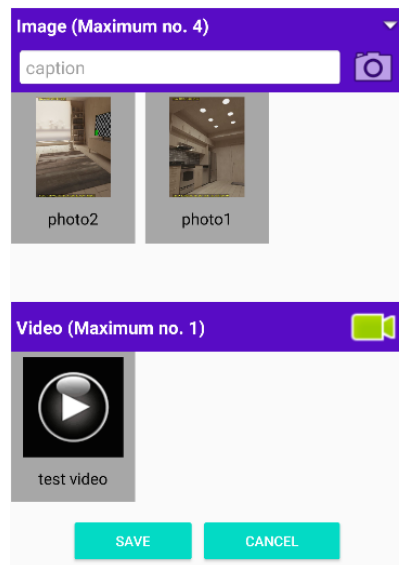


Figure 13: Photo and video in grid view

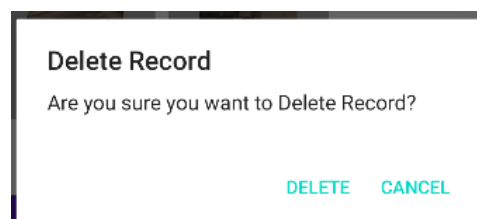


Figure 14: Delete video dialog box

8. Edit Observations

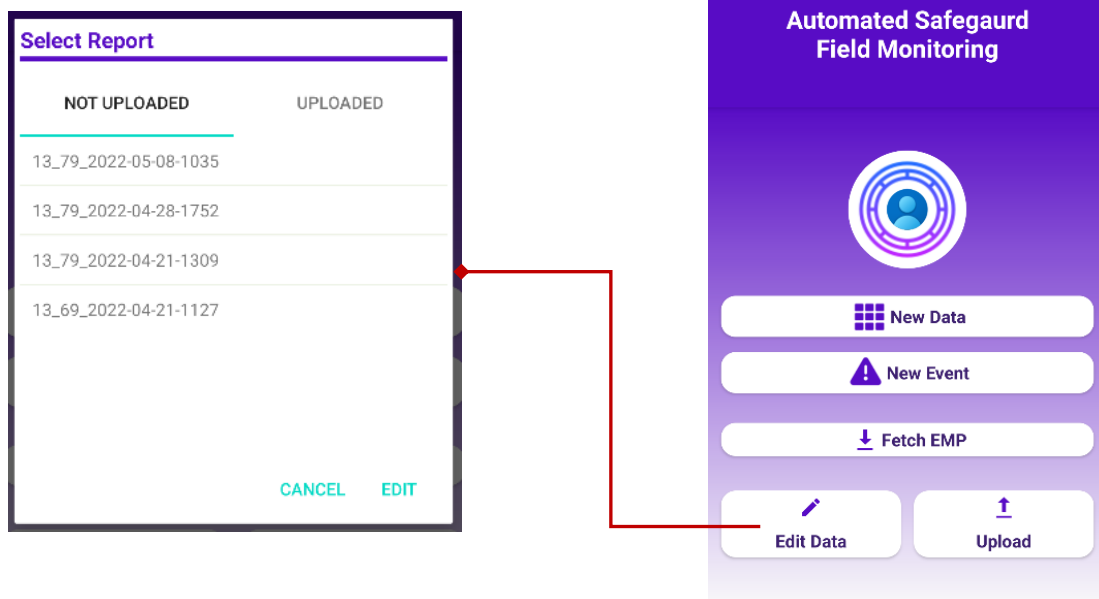


Figure 15: Edit button and on press Edit Alert Dialog box

1. To edit the report, press on **Edit Data** button. A dialog with two tabs – **Not Uploaded** and **Uploaded** appears as shown in above figure.

2. Select the report that needs to be edited from the list and press **Edit** button
3. Initial details will be loaded for the selected observation. Press **CONTINUE** button and further process is similar to the process explained in [New Data \(Observations\)](#).

9. Upload Observations

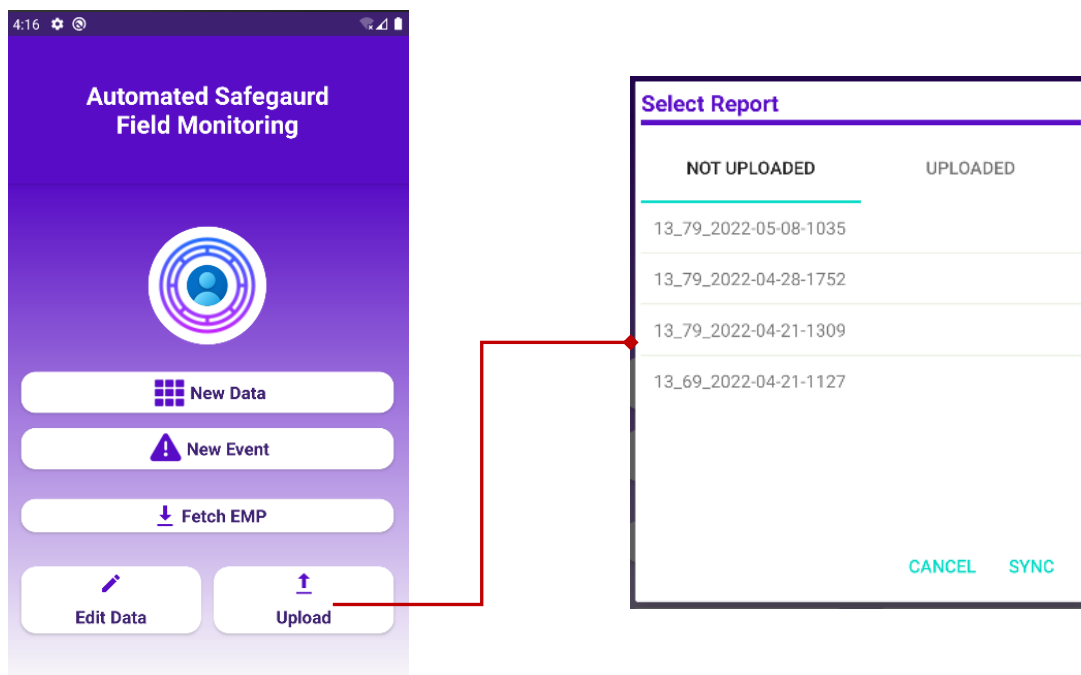


Figure 16: Upload button and on press Upload Alert Dialog box

1. To upload observations taken press on Upload button. This shows the list of saved observations in two tabs i.e. “Not Uploaded” (reports that are not yet uploaded to the server) and “Uploaded” (reports that has already been uploaded to the server).
2. Select the report from the list of **Not uploaded** reports and press “Sync”.
3. After pressing Sync an alert dialog box appears confirming Upload process. Press OK button to continue uploading else press Cancel button to discard the uploading process.

Note: The Uploaded files cannot be re-uploaded.

Important Note: After uploading all the taken observations and before going to site please fetch emp to have the latest changes in the server.