

Sangrahi Mobile App
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Sangrahi Project Management
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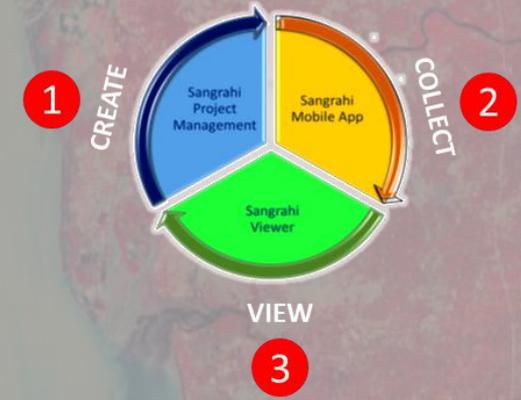
Sangrahi Viewer
https://vedas.sac.gov.in/vstatic/sangrahi_viewer/index.html

Contact us:
vedas@sac.isro.gov.in



VEDAS Sangrahi

Universal Field Data Collection Platform



Space Application Centre,
Ahmedabad.

Sangrahi platform has three synergistic applications for data collection(online & offline), project management, and data visualization.

Mobile App

- Simple **3 Steps** Data Collection by Authorized User.
 - 1. Select:** User selects a project from multiple assignments.
 - 2. Collect:** Collect Geo-tagged Field Data (Point & Polygon).
 - 3. Submit:** Submit Collected Records to Server.

- Offline & Online Field Data Collection.

- Data Review Feature (Update, Delete etc.)

- Latest Satellite Data as Reference.

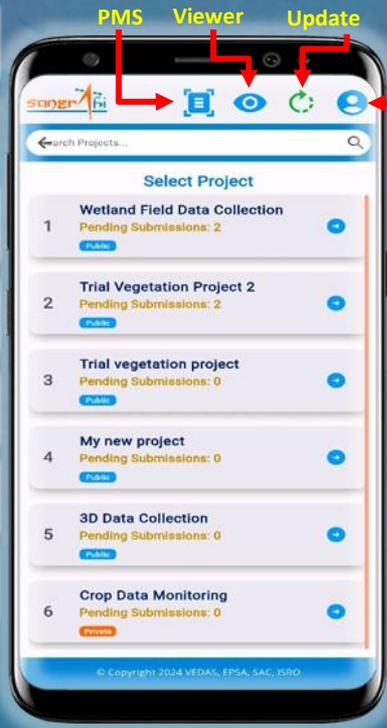
- Multi User, Multi Project Access.

- Point & Polygon Draw Feature on Map.

- Geo-tagged Field Photos Collection.

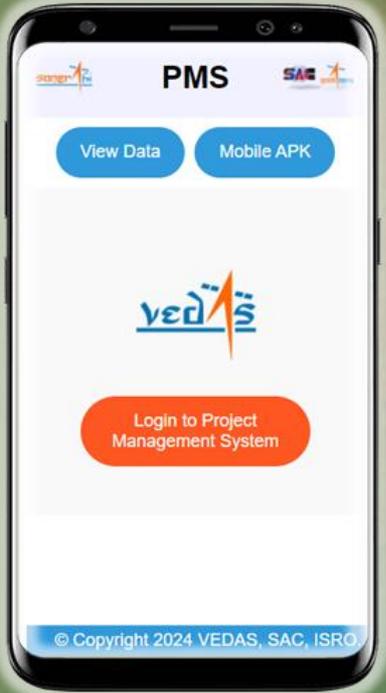
- User Defined Form Validation.

- Support Android Platform.



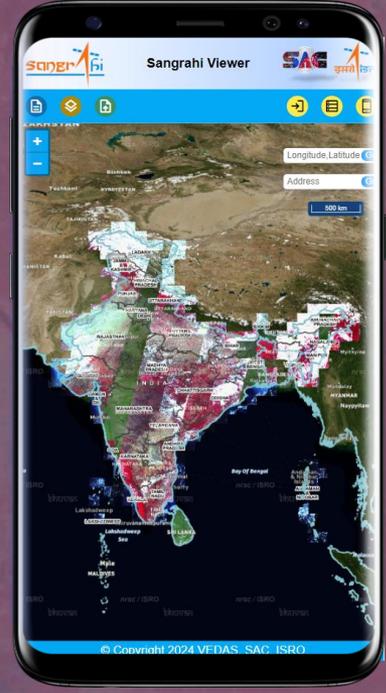
Project Management

- Secure Access of Application.
- Project Creation, Update and Deletion.
- Form Field Management.
- Authorization of Project FDC Users.



Viewer

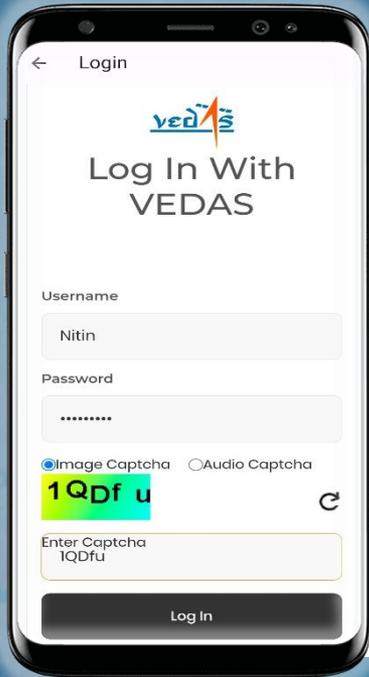
- Unified Interface for All Projects.
- Supports Both Private and Public Projects.
- Latest Satellite Data Visualization.
- Advanced Search Capabilities.



Sangrahi Mobile Application

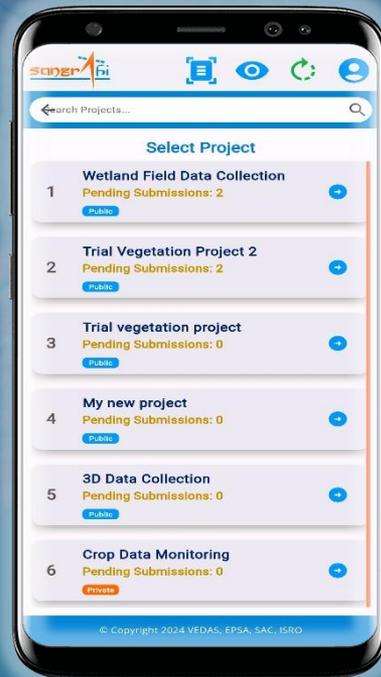
Login

Authorized users may log in for app, while new user can create an account and gain authorization from the project administrator.



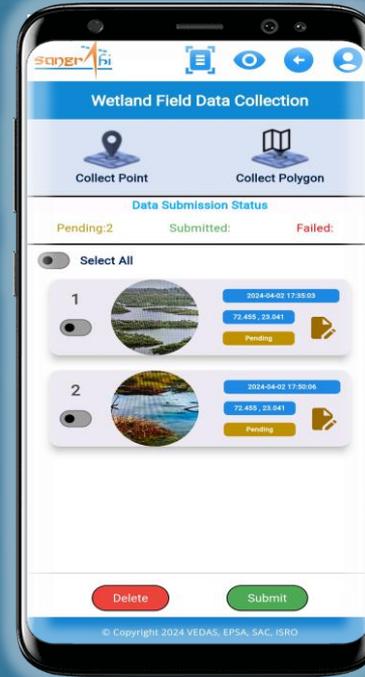
Select

User may select the project from the list of assigned project. Additionally user may see pending records and project access type (private or public)



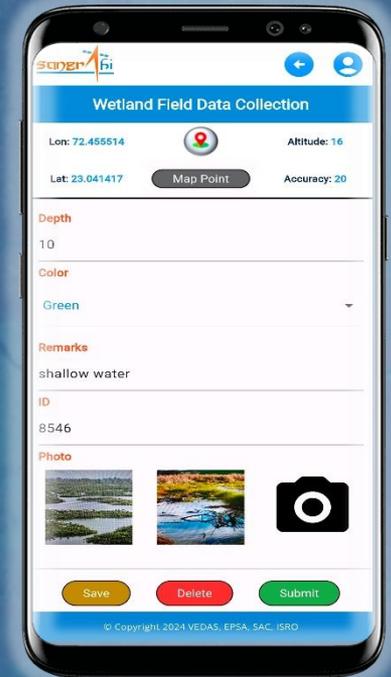
Collect

User can collect new record (point, polygon etc.) or user can submit/review already collected field records.

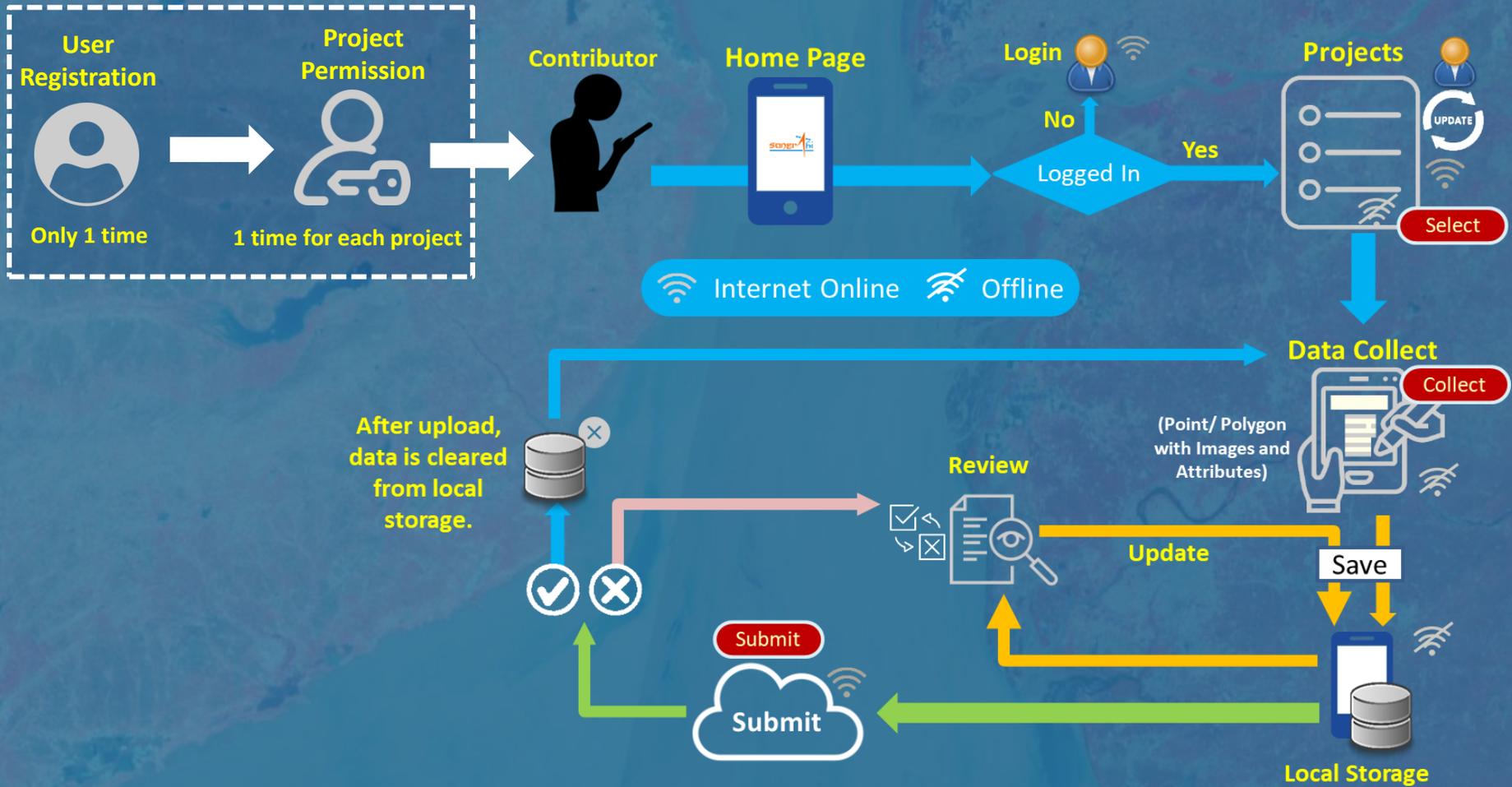


Submit

The user fills out the form and may directly submit or save locally for review or later submission.



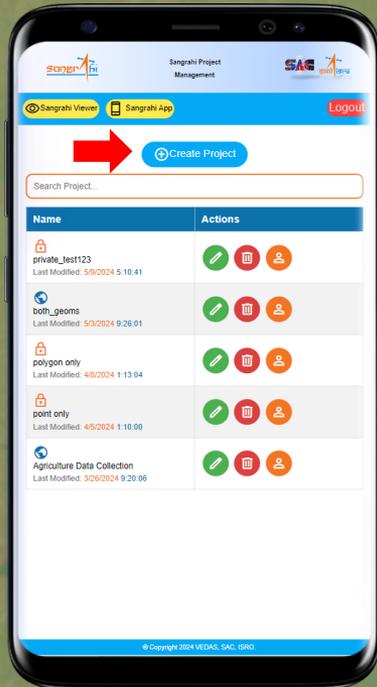
Sangrahi Mobile Application Workflow



Sangrahi Project Management System

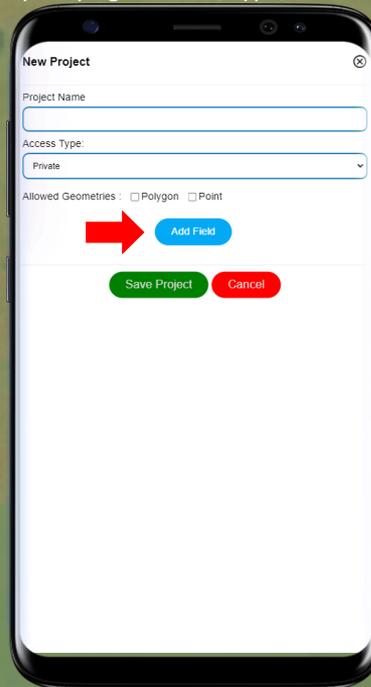
Create Project

Authorized users may log in to create their project. Click on the **Create Project** button to open the new project creation form. Enter the name and access type of the project.



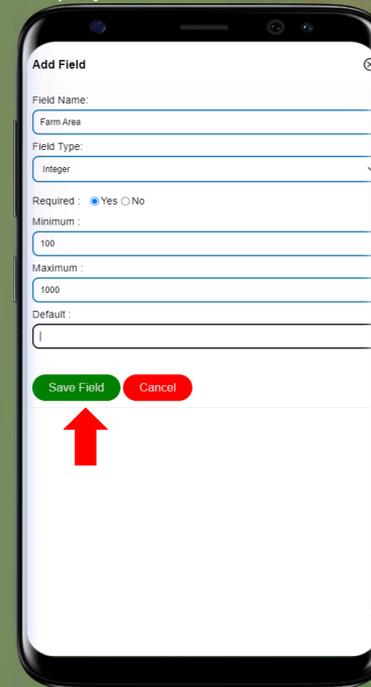
Define Fields

Users can define project specific fields (excluding inbuilt parameter like: *latitude, longitude, altitude, accuracy, timestamp*), for the data collection form. Simply click **Add Field** to include a field, specifying its name, type, & constraints.



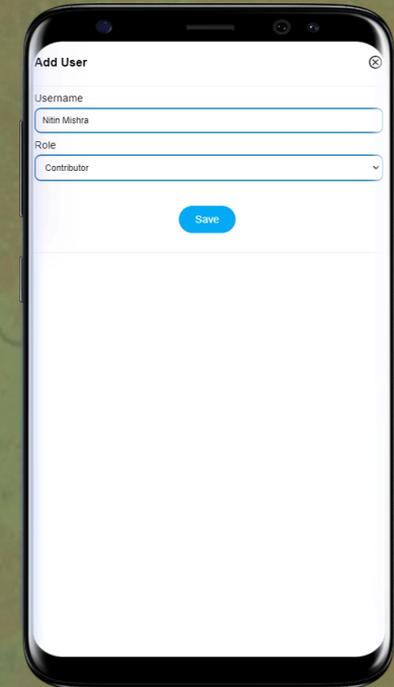
Save Project

Users can define multiple fields or change the properties of existing fields. For each configured field, click on the **Save Field** button and after all field click on the **Save Project** button to save the project.



Add Users for Project

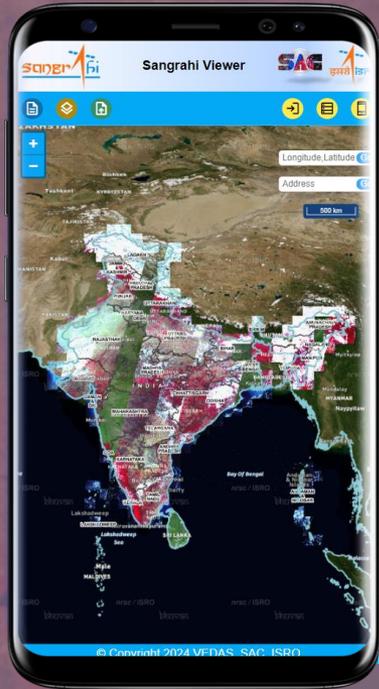
On the project list page, click on the **Permission** and then click on **Add User** button. In the form that opens enter the **Username** of the user, choose a **Role** and then click on **Save**.



Sangrahi Viewer

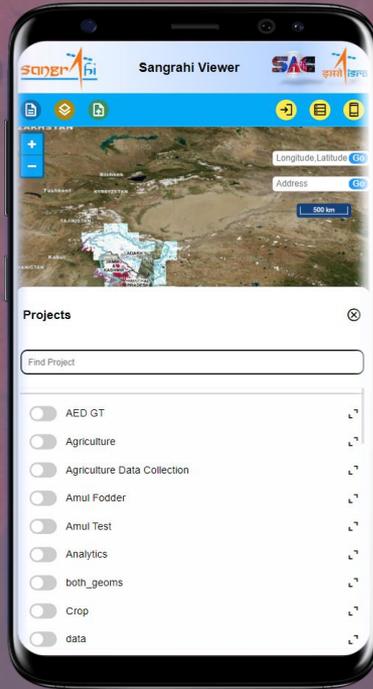
Home Page

Users can view the collected points on a geospatial map. Users can also navigate to a particular location using latitude, longitude or address.



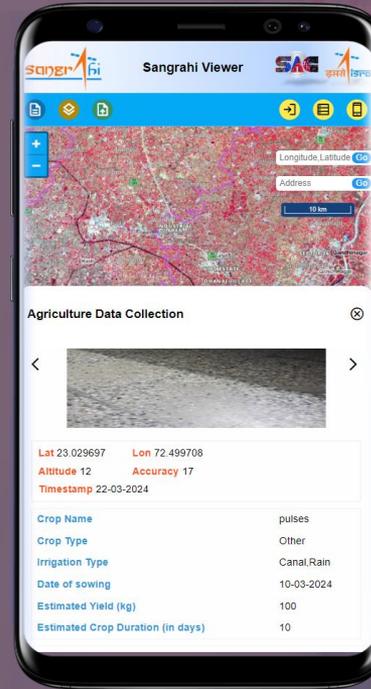
Select Project

Users can filter and select the projects that they want to view on the map from the project menu.



View Collected Data

Users can view the details submitted through the data collection from by clicking on the feature on the map.



Reference Layer

Users can view select layers such as thematic and satellite imagery etc. in the background of collected features for reference.

