AASRA Mobile App – Help

Getting Started

GIS tools provide a powerful way of exploring spatial phenomenon and trends, aiding a better understanding through this android based mobile application with ArcGIS Platform. This guide will allow you to get started with the SRA Mobile App.

Prerequisites

- Internet will be required. (Minimum 3G Internet Speed will be required).
- Only applicable for Android Mobile (Version 4.3 and above).

Functionalities

The SRA Mobile App provides the user with the following functionalities:

- Map View that displays the various layers
- Layer Visibility Toggle List that allows the users to check/uncheck the layers they wish to view
- Bi-lingual Language Switch
- Zoom In and Zoom Out
- User GPS Location
- Reset or Home Button
- Search
- Proximity Buffer

Map, Layer Visibility Toggle, User GPS Location and Search are the default functionalities in the main layout page. The Admin Boundaries, Proximity Buffer & Help Manual needs to be selected from the panel on the left side.

Map View

- The Map provides a background of geographical context for the content you wish to display.
- In the Map View, the layers are displayed with the underlying ESRI Street Base Map.

Layer Visibility Toggle

- You can change the different layers of the map at any time, and select the one you want to view.
- The visibility of the following layers can be handled through this functionality:
    - Huts
    - Proposed Scheme
    - LOI Scheme
    - Slum Cluster 2016   ○
    Slum Declaration 3C
- Click on any one the check boxes provided against the Layer names found at the bottom of the map view to toggle visibility for the layers.
- By default, the Huts Layer is visible along with the admin boundaries.

Bi-Lingual Language Switch

The Language button allows the user to switch between Marathi and English.

Zoom in & Zoom Out

This function helps the user to zoom and view any feature at required extent.
- Pinch to zoom is enabled, which allows the user to zoom in and out of the map.
- User can also double tap on the map to zoom in.

User GPS Location

This allows the user to zoom to the current location of the user and sets the Map View to the extent of the nearby Huts.

Reset or Home Button

This function will be extremely helpful when you want to clear all the graphics from the map.
- Click on the Default Extent icon from the top right corner of the map page.
- Extent of the map will be redirect to the current GPS location of the user.

Search

- Search provides user with an opportunity to look for a particular feature on a map.
- The Search functionality can be carried out on the following layers:
  - Huts
  - Village
  - Ward
  - Proposed Scheme
  - LOI Scheme
  - Slum Cluster 2016
  - Slum Declaration 3C
- Click on the search icon.
- On click of the Search Icon, the Search box expands and the text box is displayed.
- On entering the text, the search suggestions will be displayed.
- On Selection from the suggestions, the map extent will be set to the searched place with identification pin over the location.
- Clicking on the icon next to Search icon will display the list of layers that can be searched.

Proximity Buffer

This allows the user to identify the features of the selected map layer within the specified location. It shows the complete list of all nearest features within the proximity. Note: - The distance calculated is aerial distance.
- On Selection of the Proximity Buffer Tool, a "Select Layer" button that allows the user to select the Layers is now available.
- On click of the "Select Layer" button, select the layer from the pop up menu, in which you need to find the features within proximity
- Select the proximity distance from the horizontal scroll bar at the bottom of the page.
- Click over the map to define the point of origin of the proximity buffer.
- Features within the proximity will be selected and highlighted with graphic
- Result button will be displayed at the bottom left of the map window.
- On click of the result button, results will be opened with the list window of features selected within the proximity.
- Click a feature to see its Attributes.

- On click of "Show on Map", Map will zoom in to the particular feature.

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