

SCDM User Guide

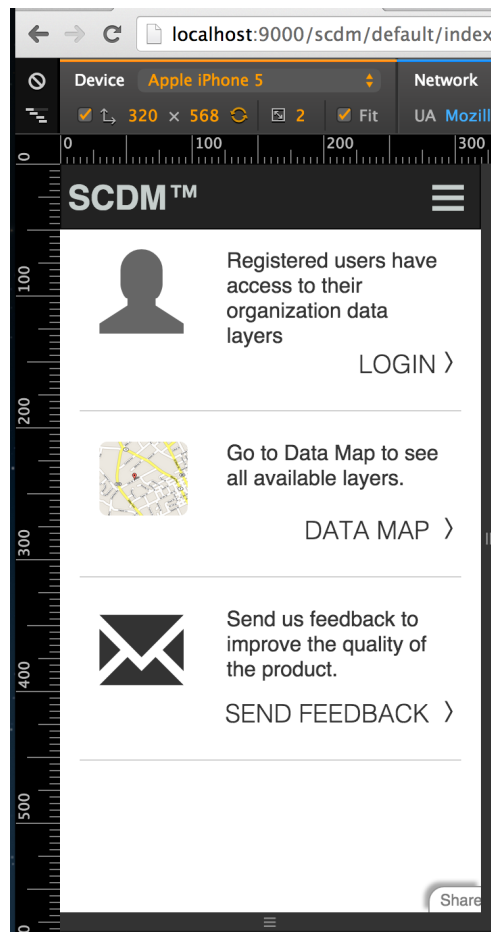
1. Introduction

SCDM (Survey Control Data Manager) is a mobile optimized web app that allow registered users (surveyors/field engineers) to preview/upload map layers containing ground control points data. Ground control data will be organized in projects. Each projects will be in separate layer. Currently the app support only GeoJson layer format for displaying on Google Map. Based on location search, and layer being toggled in the menu, relevant data points will be displayed to a user. To non-registered users, data layers on the map may include NGS(National Geodetic Survey) points data, or other local government agency point data if available.

2. Home page

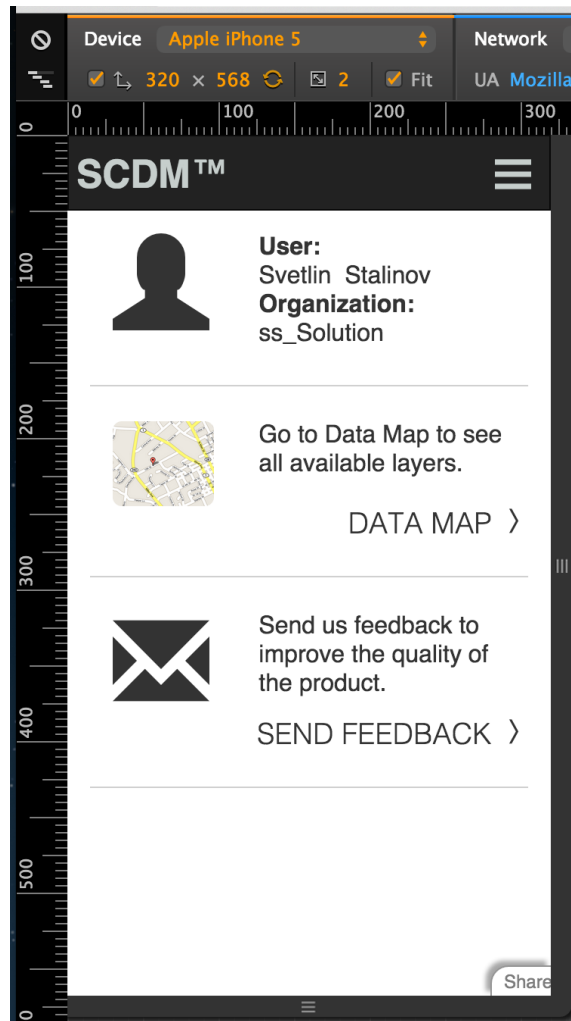
a. Home page for non-logged in users

- Login tab - redirected to Login page.
- Data Map tab - redirects to Google Map page.
- Send Feedback - redirects to feedback page



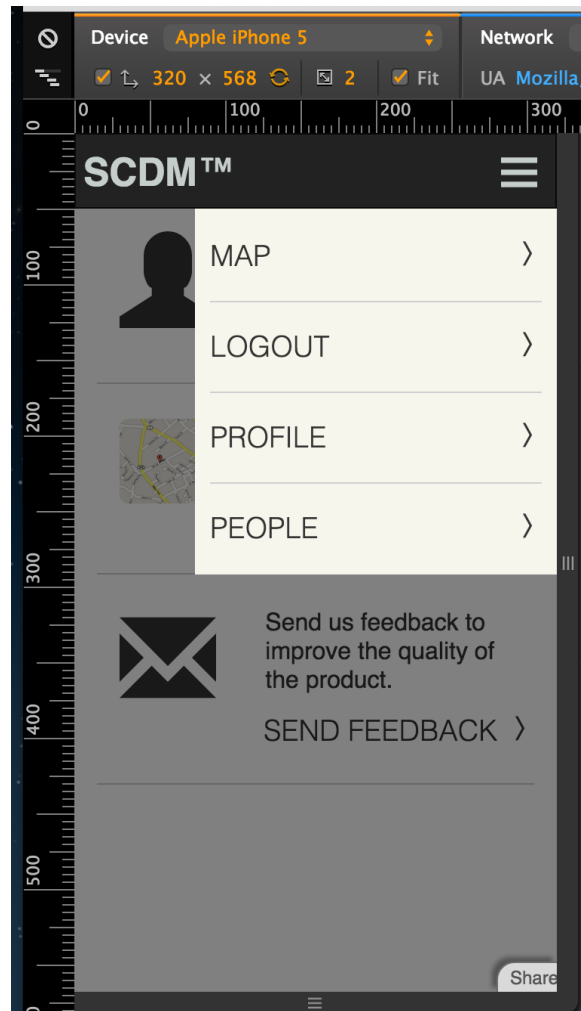
b. Home for logged in users

- i. Login tab gets swapped with user information-user first and last name, and organization name user belongs.



c. Home page menu open

Menu provides functionality for logout, redirects user to profile page and add people page.



3. Login Page

Provides functionality for the user to login. For testing purpose use following email/password combination:

email: ss@example.com

password: test

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Login

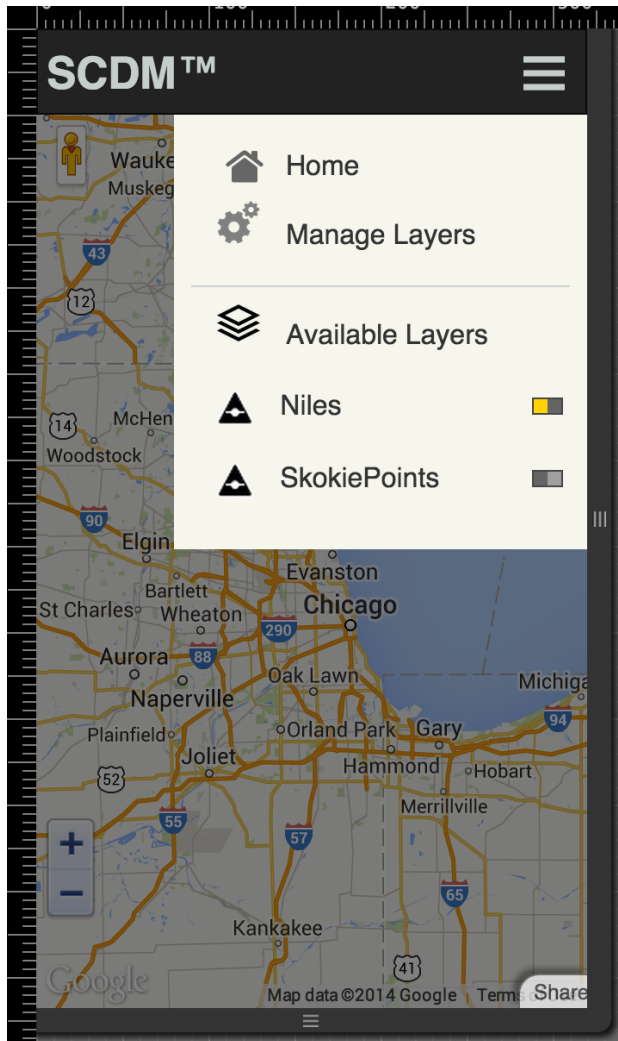
Email:

Password:

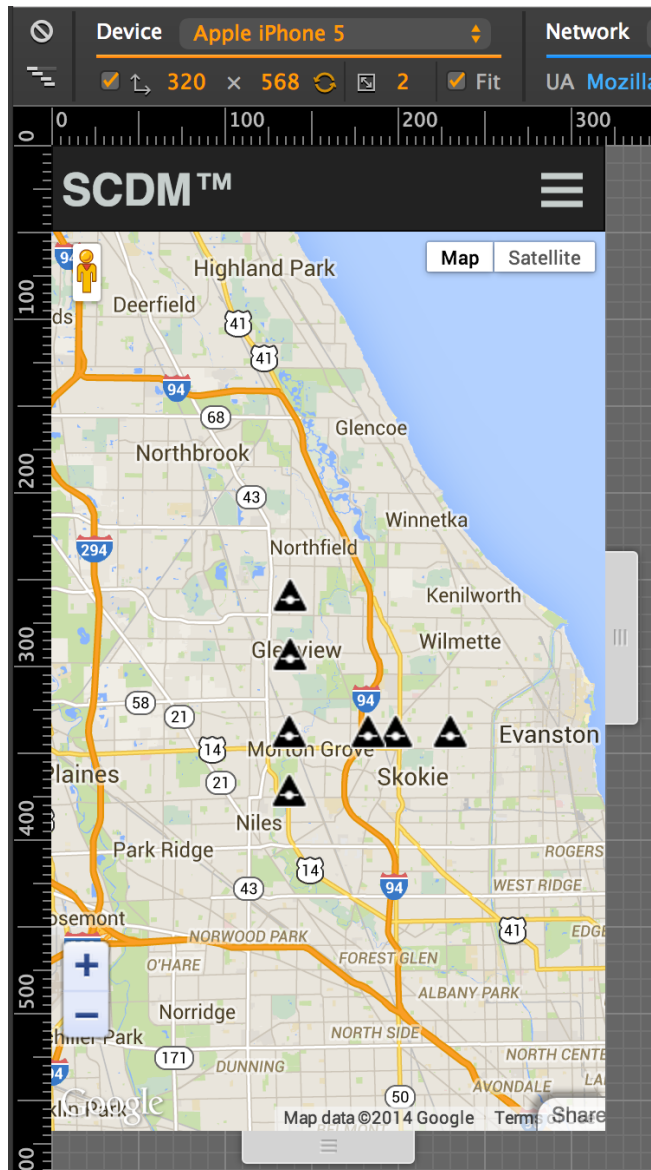
☐ Remember me? | [Forgot Password?](#)

4. Data Map page

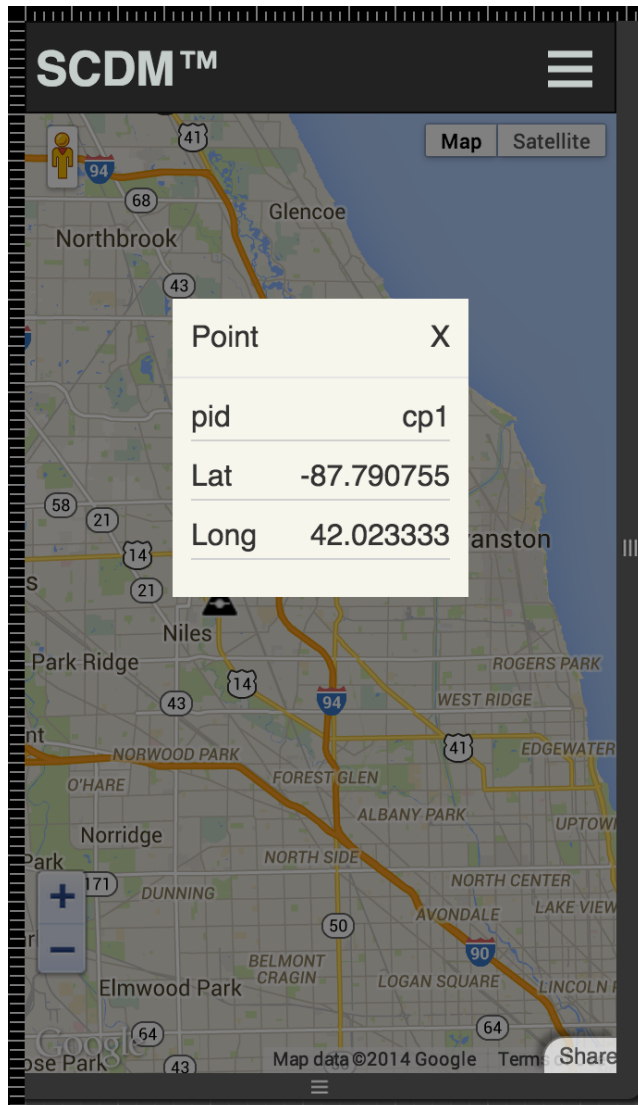
Logged in users have accessed to their organization layers data. By clicking on the menu button, list of the available layers for the organization is displayed. Layers are sorted by most recent first. Screen shot shows layers available for example organization "ss_Solution". Layers get activated by clicking on the toggle button on the right. By clicking on the "Manage Layers" tab user gets redirected to manage layers page.



Upon exiting from the menu either by clicking on menu button or background overlay, point markers are displayed on the map.

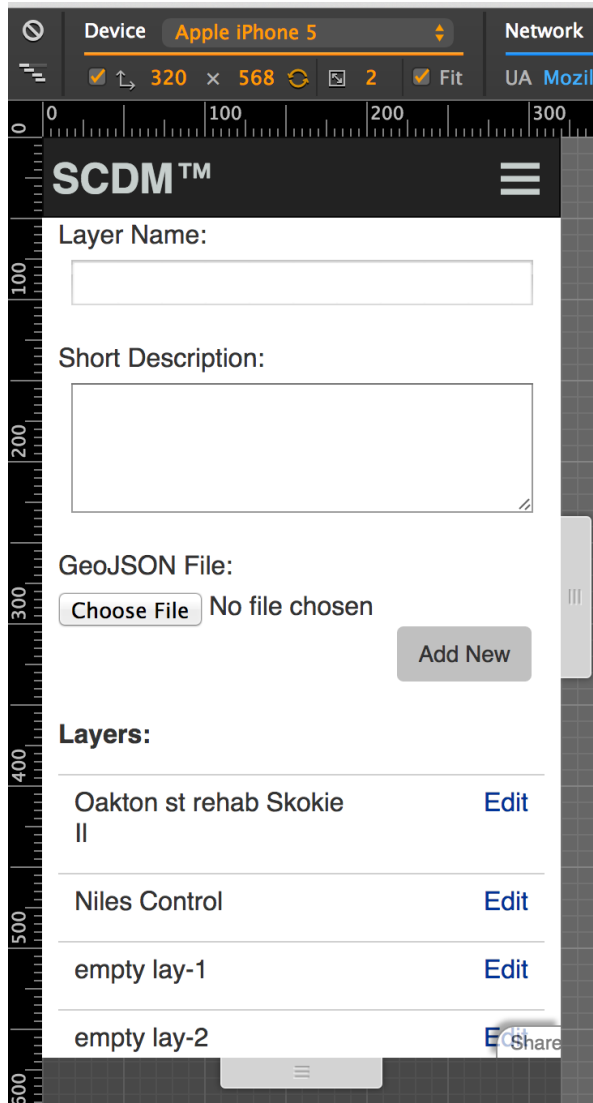


By clicking on a marker, relevant information for the point feature gets displayed in pop-up modal. This example layer has only point data, but GeoJson layer can contain other data such as multi-points, lines, polygons etc. See <http://geojson.org/geojson-spec.html> for more information on the GeoJson specification.



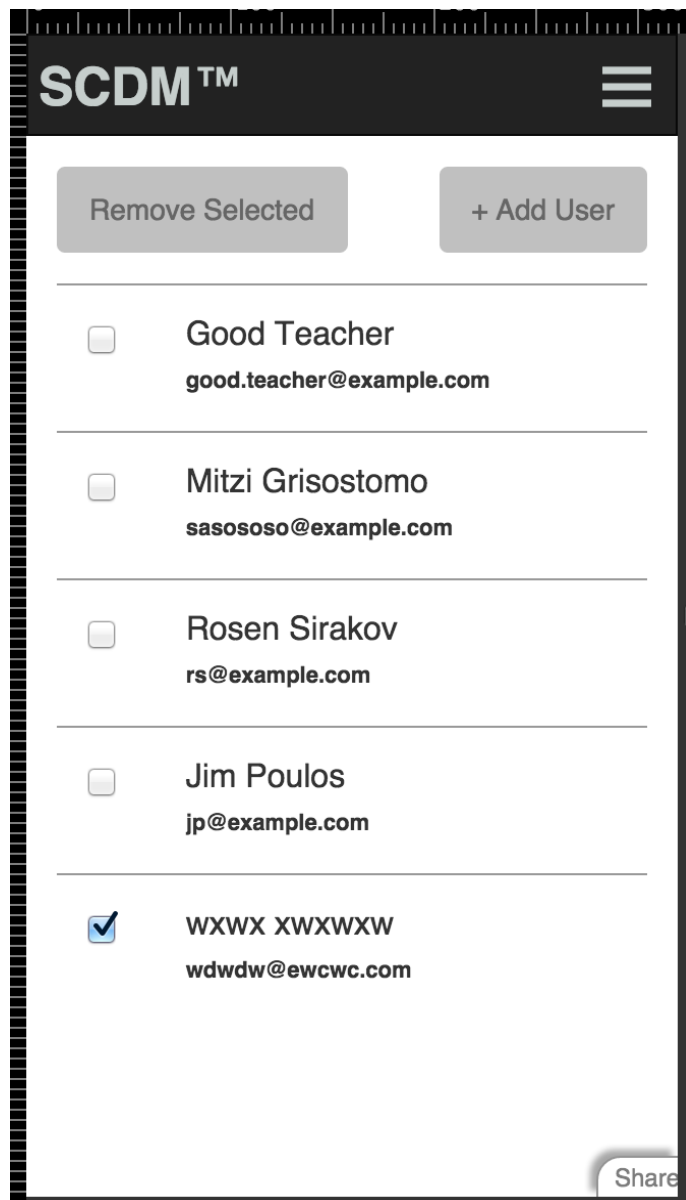
4. Edit layers page

Edit layer page provide functionality to upload new layers for the organization as well as editing existing ones. “Add New” button submits new layer information. Tapping on Edit button in the layer list brings layer information in input fields. Layer information then can be edited.



5. View and remove users to the organization pages.

If user has administrator rights he/she will be able to view all the people in the organization. From Home page click open menu and click on people tab to get to the view people in organization landing page. All users are displayed in list format. User can be removed via toggling a checkbox and clicking on the “Remove Selected” button.



6. Add user to organization.

If user is administrator he/she will be able to add more people to the organization. From menu select "People" then click on "Add user" button.

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Add User

First Name:

Last Name:

Email:

☐ **Administrator**

☐ **Data Manager**

☐ **Send Email**

Reset + Add User

Share

7. Some features yet to be implemented:

- a. Incorporating NGS data layers, and other government agencies data(based on location).Currently only registered users data layers are supported.
- b. Add geo search and pan to location on Google Map.
- c. Implementing feedback logic/page.
- d. on add/remove people to organization add another confirmation from user before removing existing user.
- e. Refactor/redesign layout to be responsive for desktop and mobile.
Currently only mobile optimize pages are available.