Android-Based Application for Geospatial Data

Way back in 2002 we started as a satellite data provider and never look back after that. SATPALDA is now a full-grown organization covering all the geospatial domains including Remote Sensing, GIS, Photogrammetry, LiDAR, and WebGIS. In continuation to our success story, we have added a new feather to our cap which we would like to share with you.
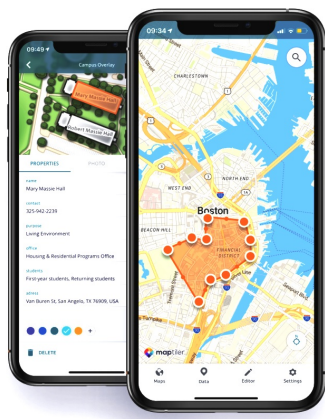

SATPALDA successfully delivered an Android-based application that enables the field users to capture data of parcels (spatial units) in the field along with parcel attributes. The functionality of this application is based on the visualization & dissemination of Raster / Vector /Tables/Graphs/Photographs/PDF documents data formats.

The fundamental design principle is based on a service-oriented approach. This WebGIS application has a rich user interface with a responsive design interface using an n-tier service-oriented architecture (SOA) using the Microsoft .NET platform.

Some of the key functions are:

- No requirement of license

software during run-time.

- Complete offline usage while doing field inspections.
- Automated, manual, and push-based synchronization mechanism (to ensure that the datasets are up to date on the mobile devices).

The Data Capture Functionality includes:

- Layer Manager
- GPS
- Add Bookmark
- View Bookmark
- Add Feature
- Edit
- Delete
- Feature
- Measure
- Tool
- Map Info

Other Services

SATPALDA is a leading provider of satellite imagery and Geospatial services to the user community. The USP of SATPALDA's services is the unique blend of experience and cost-effectiveness.

Know More

SATPALDA is a leading provider of geospatial products and services. The company is also a reseller of multiple satellite data products and has a proven track record of delivering project-critical geospatial products, including satellite imagery, UAV imagery, 3d models, elevation models, GIS, LULC maps, planimetry, terrain solutions and many more.

Visit our Website

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