Case Study
Android Application for Field Data Collection

Giving government planners the intelligence they need to make a better plan

Customer Location

Doha, Qatar

Industry

Government

Client Overview

Our Client is a is the official source of all statistical data and processes in the State of Qatar. They provide statistical data to data users in all public and private sectors and agencies, regional and international organizations and individuals.

Platforms

iOS platforms

Solution

Android Application for Field Data Collection

Challenges

Our Client is a is the official source of all statistical data and processes in the State of Qatar. They provide statistical data to data users in all public and private sectors and agencies, regional and international organizations and individuals. It provides data and information on recent indicators of interest to planners, researchers, decision-makers and policy-makers, while meeting their needs of information to establish various development programs to serve the Nation, citizens, and all members of the community.

Their current field data collection system involves an authorized enumerator, who collects the field data manually with paper and pen. This method is time consuming and painstaking one and enumerator have to do dual work of collecting the data on paper and then feeding it in computer. This also takes a vast amount of manpower into it. The information is subjected to change as it is taken as a written work on a paper.

Our Client keen to keep up with the latest up-to-date technological developments, so they decide to go with Android application which will be used in the field data collection.

Solution

Octaware created a modern survey application designed on Android platforms, such as tablets, Smartphone to leverage the power and ubiquity of these device. This give surveyors access to all their electronic surveys on their tablets. With internet connection data collected on field directly transmitted to centralized data collection centre.

With this new system in place, the data integrity was massively improved and as soon as the field work for data collection was completed, the results and reports were instantly become available.

Application provides them with greatly improve data standardization and work flow, reduce data entry errors, and decrease time to finalized data. Application also ensure that data collection was secure and have high level of confidentiality of personal data.

Product Profile

IPAD Application for Field Data Collection –

Octaware field data collection solution provide reliable information through the collection, analysis and mapping of data relevant to the Population Demographic and other social indicators.

Benefits to Client

- ✓ Instant data capturing at the point of collection, reducing manual input errors.

- ✓ Offline Data Capture - collect data in areas with low or no internet connectivity.

- ✓ Immediate data validation, reducing reverifications at later stage.

- ✓ Time effective with real time logical validation rules, reducing logical errors.

- ✓ Faster processing of census information leading to timely availability of results.

- ✓ Integration of geospatial data; other value-added data.

- ✓ The team spends less time on tasks that are resource-intensive and low priority and time is freed up to concentrate on projects that can add more value to the resulting analysis

About OCTAWARE Technologies

Octaware Technologies, a SEI-CMMI Level 3, ISO 9001:2008 & IEC 27001:20013 certified company, is highly experienced software development, enterprise solution and consulting firm with its offices in India, and presence in USA, Singapore, UAE, Qatar, Saudi Arabia, Nigeria and Zimbabwe. The company has been serving Fortune 500 corporates across the globe since 2005.

Octaware was founded as information technology company specializing in Microsoft technologies stack, focusing on Healthcare, Finance and e-Government sectors. Since then, company has grown into a multifaceted business that offers a diverse line of services and solutions for clients ranging from small businesses to large Fortune 500 corporations.

Depending on the ever-changing requirements, we come up with the essential and up-to-date tools and skills to enhance the clients' confidence in us. Octaware - we believe it as an expression of our creative, innovative and ground-breaking ideas and experiences.

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