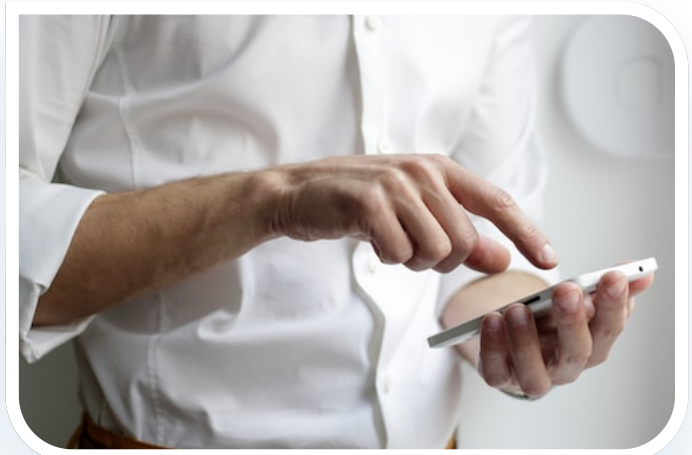
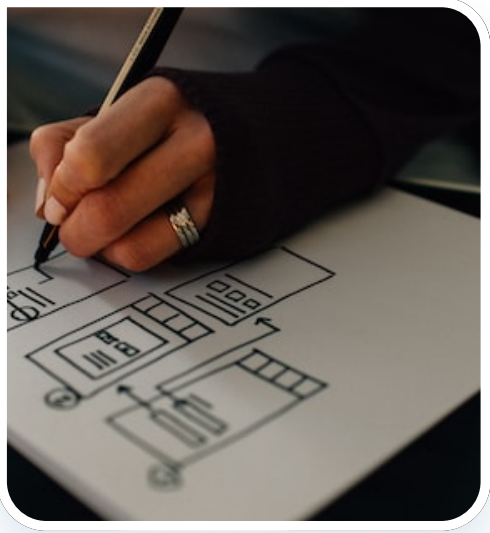




CASE STUDY

Field Management Transformed in
Government with Mobility Solution
Powered by InfoStride





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AT A GLANCE

Challenges

Our client from the government sector engaged with InfoStride to leverage Smart Phone Based Technology to build a Work Management System on Software as a Service (SaaS) basis that effectively monitors field projects.

Benefits

- Workflow automation
- Enhanced visibility
- Boost operational efficiencies



"InfoStride delivered what was expected. Thanks to their proficient team, we were able to achieve the project goals within stringent timeline and budget constraints".

THE CHALLENGE

Our client is one of the local government bodies who approached us to design and build a Work Management System on a Software as a Service (SaaS) basis.

The goal was to effectively monitor field projects such as bridges & roads, sewerage & sanitation, street lighting, water supply and other operation & maintenance work using Smart Phone Based Technology. Also, to capture pictures and locations of the field operations and share them with the Government Control Centre in real-time.

The client sought the assistance of InfoStride's smartphone technology experts to execute the idea for end-to-end development support.

OUR APPROACH

InfoStride led the collaboration with a product discovery workshop so that both the execution team and the client gain a clear shared understanding of the client's product vision and goals.

- InfoStride business analysts and the core development team collaborated with the client to understand technical and business implications, and deduced a product roadmap to design, develop and test the product.
- Set up the offshore extension of the design, development, and quality assurance team in the preferred time zone to support the client.
- Set up the development team featuring design experts, developers and quality assurance engineers in the preferred time zone to support the client.
- Agile project management methodology, reporting system, and weekly meetings were adopted for effective communication between the client's team and InfoStride team, and to ensure speed and agility.

OUR SOLUTION



InfoStride's expertise in full lifecycle mobile application development using modern technologies helped the client to launch Work Management System on Software as a Service (SaaS) basis with accelerated time to market and the following features:

- Track and monitor field projects.
- Send updates via SMS/ email alerts regarding the progress of projects.
- A Management Information System (MIS) for data management for work orders with the best-in-class progress monitoring and reporting features

THE TECHNOLOGY STACK



Development Stack

- **Programming Language:** Java
- **Platform:** Android
- **MVP Architecture**
- **Retrofit**
- **Firebase Cloud Messaging (FCM)**

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