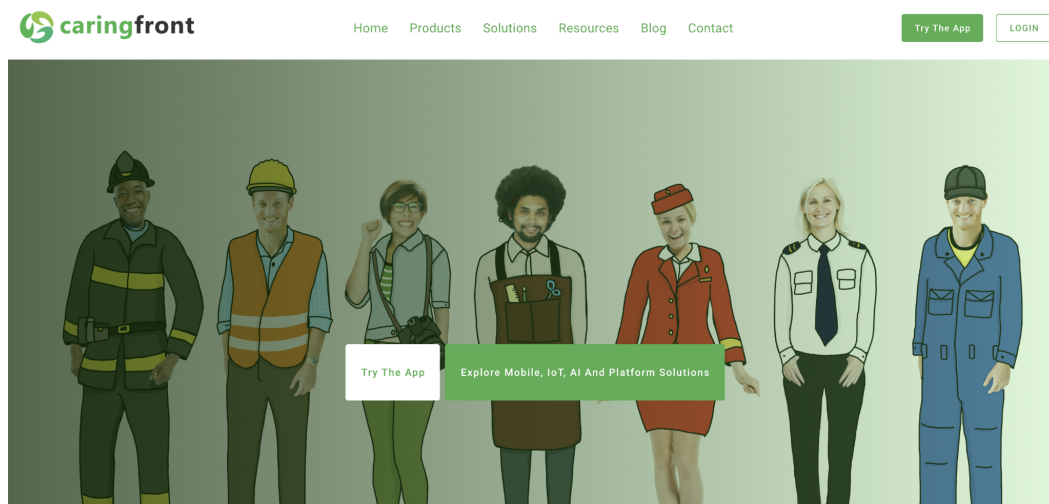


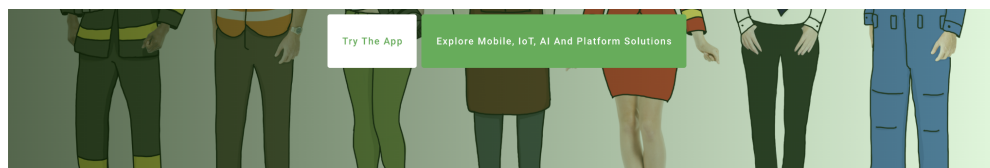
PROJECT OVERVIEW - CARINGFRONT

The CaringFront super app connects frontline workers to safety and useful information while on the road or at the job site. The super app consists of DeliveryAide app, MedRM app, Kersto app, and the UtilityGator app. DeliveryAide is a mobile and web app and solution for delivery and courier service workers. MedRM is a web and mobile app and solution for healthcare workers and medical first responders. Kersto is a mobile and web app for retail workers while UtilityGator is a web and mobile app and solution for the utility workers in the field or on the road.

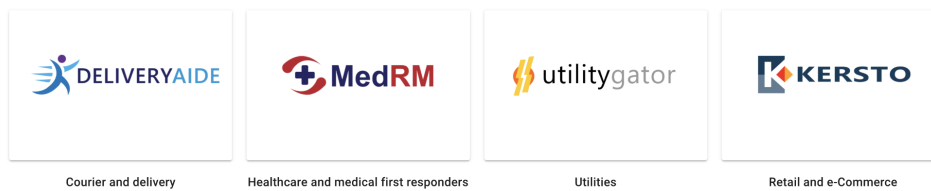
CaringFront URL: <https://caringfront.mybluemix.net>



Picture 1: CaringFront Home Page



Our Apps



Picture 2: CaringFront Home Page

Welcome to Utility Advisor!

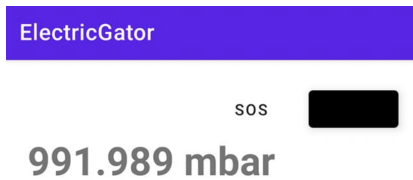
Talk

Welcome to Utility Gator Bot! I'm a demo utility chatbot or virtual assistant. I can help you with useful information for workers fixing power line, water or gas issues. Type "weather" to get started.

Picture 3: Watson Assistant React Native Voice App running on a Samsung Galaxy S10 device

The focus for this phase of the project is the UtilityGator app which provides how-to's for transformers, rigging, knots, rope capacities and other utility equipment. The voice chatbot can answer questions and provide answers across the line of business where a frontline worker may practise. Information about climate is provided as well. The bot includes Q&A exercises suitable for training workers. Android users also can access voltage regulation standards, wire size and amp rating, ampacity of insulated conductors, ampacity correction for temperatures, conductor formulas, guy formulas and more. No more wasting time looking for information across the business, reading technical guides or manuals.

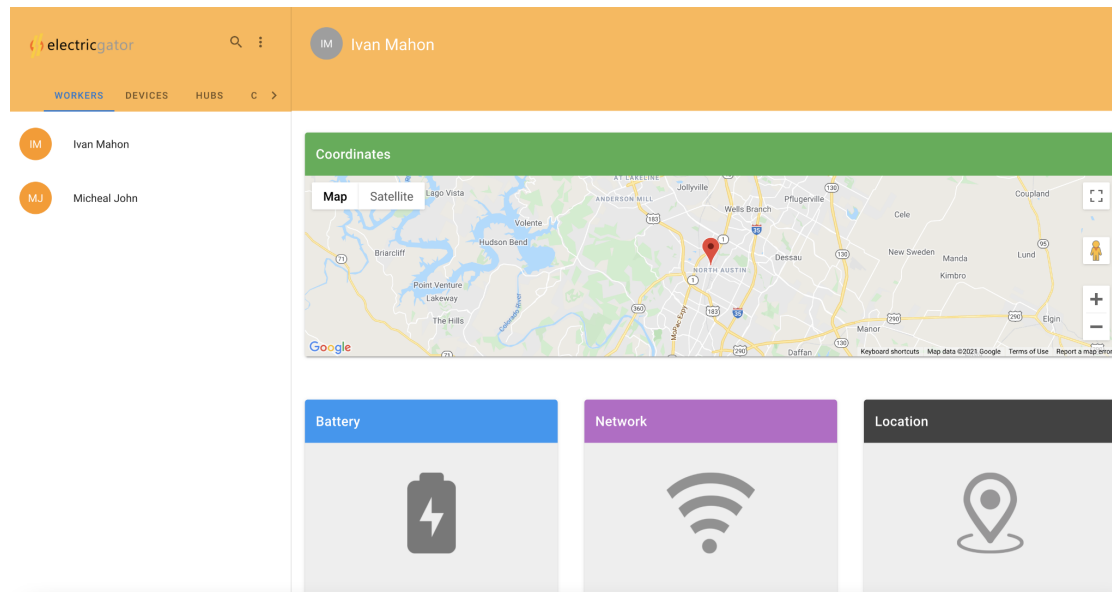
Other phases of this project will fully implement apps and solutions for DeliveryAide, MedRM, and Kersto.



Picture 4: Emergency and sensor app running on Samsung Galaxy S10 device

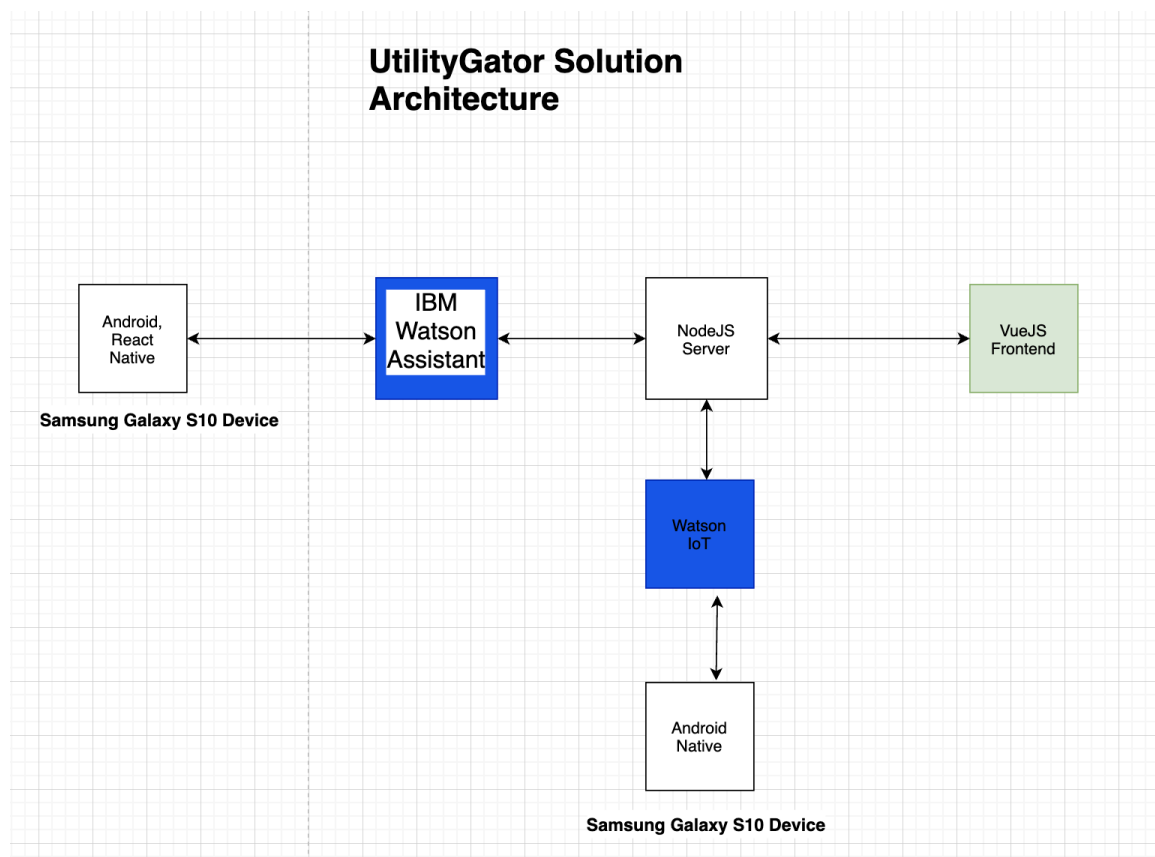
The UtilityGator or ElectricGator mobile app equips workers with a panic button. Users push the SOS or emergency alert button to transmit a high priority alert, including location data, to a designated emergency channel. The platform dashboard web app pinpoints the location of the worker using live GPS maps, allowing for a fast response time.

UtilityGator URL: <https://utilitygator.mybluemix.net>



Picture 5: Platform Dashboard app pinpoints the location of worker

The Solution Architecture for UtilityGator

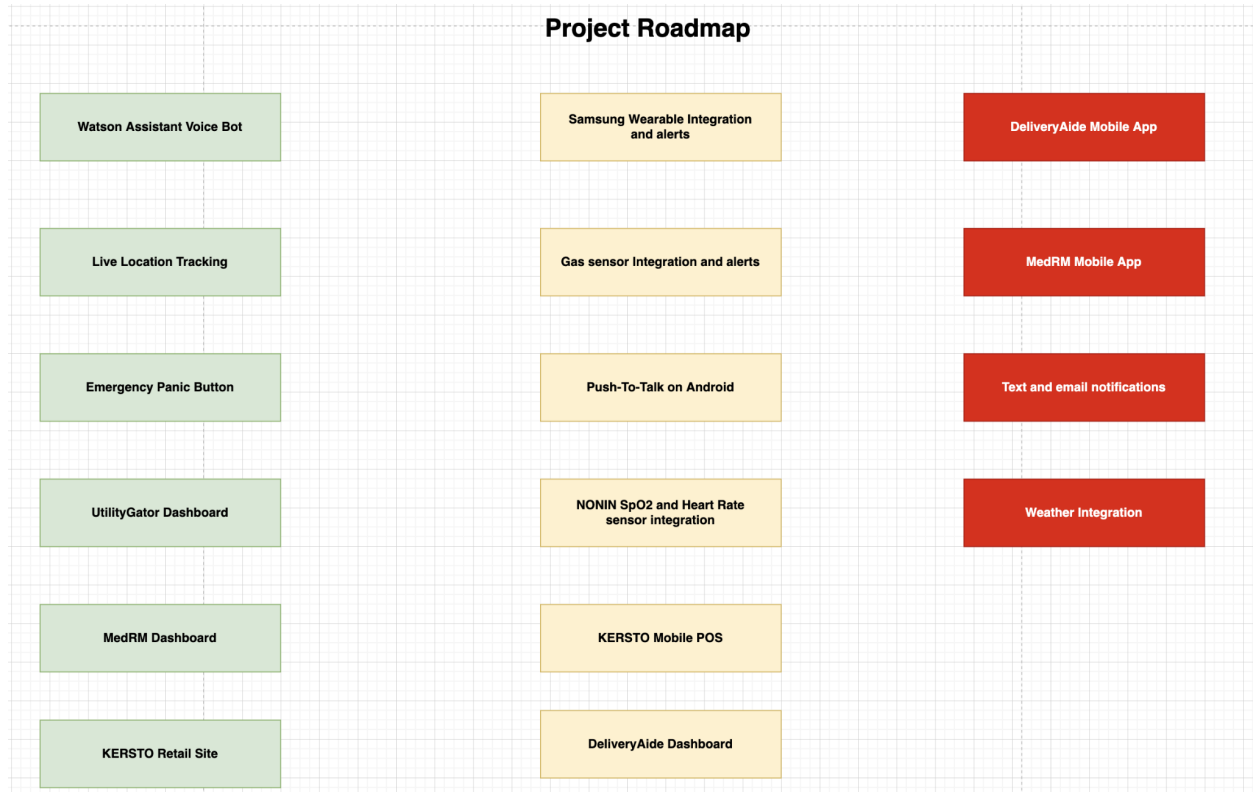


Picture 6: Solution Architecture for Utilitygator App

PROJECT ROADMAP

The project currently runs on Samsung Galaxy S10 devices and IBM Cloud as well as external platforms.

The project currently provides the following features annotated in green color. Other features in yellow and red annotations will be added



Code and other resources

- The CaringFront codebases are available on GitHub: <https://github.com/caringfront>
- The CaringFront app and live code: <https://caringfront.mybluemix.net>
- The UtilityGator app and live code: <https://utilitygator.mybluemix.net>