

BUSINESS REQUIREMENTS

Provide a next generation cloud based activity monitor for bikes. The solution should seamlessly integrate multi sensor device (attached to end user bike) to the cloud, so that user can keep track of their bike location, activity goals and monitor their progress. This should be multi-tenant, accessible from web and smart phone or web browser

Our Solution

- Seamlessly integrated multi sensor device (attached to the end user bike) to the cloud, so that user can keep track of their bike location
- HW design optimization, Board Bring up, Firmware and multi-tenant cloud application.
- Highly available and scalable multi-tenant bike rent tracking.
- Deployed across multiple regions among inspiring health and eco conscious bike riders
- Real time data analytics used by Government authorities for city planning

Technology Stack



Google Map v2 for Android, Rest API, BLE, Objective C, Ruby-on-Rails, Redis, Postgre SQL, Capistrano, Google Maps for Business v1.0, Soft Layer Cloud Storage, Embedded C, Cellular Modem (GSM, CDMA), GPS, Bluetooth, Accelerometer, Gyroscope, Alarms

Benefits

