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## Technologies/Languages/Tools We Support in App Development

Development Area	Technologies/Languages/Tools
<b>App Development</b> - iPhone/iPad App Development - Android/Android Tablet Application Development	- Objective-C, Swift (iOS) - Android Java, Kotlin (Android) - With above languages, we are using core frameworks provided in SDK for iOS and Android app development.
<b>Data Storage Techniques</b>	- SQLite - App Local Database (iOS + Android) - Core Data (iOS) - Local Storage (iOS + Android)
<b>Development Tools + Utilities</b>	- XCode (iOS) - Android Studio (Android) - Postman (iOS + Android) - SourceTree (iOS + Android) - SQLite Browser (iOS + Android)
<b>Key Features</b>	- Bluebamboo Bluetooth Printer Integration (iOS) - Gimbal Beacons Integration (iOS + Android) - PHY Beacons Integration (iOS + Android) - Bluetooth Weighing Scale Integration (iOS + Android) - Bluetooth Barcode Scanner (iOS + Android)
<b>Dependency Manager</b>	- CocoaPods (iOS) - Gradle (Android) - Carthage (iOS)
<b>Payment Gateways</b>	- Authorize.net - PayPal (REST API + Adaptive Payments) - Stripe - NMI - Google Wallet - Vantiv - PayMaya - Chase Payment Tech - Dragon Pay - BrainTree

<b>Other Core Features</b>	<ul style="list-style-type: none"> <li>- Push Notification (iOS + Android)</li> <li>- Map Integration (iOS + Android)</li> <li>- Direction and Place API (iOS + Android)</li> <li>- In App Purchase (iOS + Android)</li> <li>- Contacts Integration (iOS + Android)</li> <li>- Core Bluetooth API Integration (iOS + Android)</li> <li>- Camera / Gallery Integration (iOS + Android)</li> <li>- Geofencing (iOS + Android)</li> <li>- TextToSpeech (iOS + Android)</li> <li>- Audio and Video Framework Integration (iOS + Android)</li> <li>- Chat Feature Integration (iOS + Android)</li> <li>- Message Kit + CallKit Integration (iOS)</li> <li>- Android Jetpack (Room, View Model, Life Cycles, Work Manager, Preference, Android KTX, Notifications)</li> <li>- UI Test Framework and Unit Testing Framework (iOS)</li> <li>- 3D Touch and Touch ID (iOS)</li> <li>- App Extensions (iOS)</li> <li>- Barcode and QR Code Scanner (iOS + Android)</li> </ul>
<b>Other Third-Party SDK Integration</b>	<ul style="list-style-type: none"> <li>- Google APIs (iOS + Android)</li> <li>- AWS APIs (iOS + Android)</li> <li>- Firebase Services (Cloud Messaging, Remote Config, Firestore Database, In-App Messaging, Events, Functions, etc.)</li> <li>- Firebase ML Kit (Text Recognition, Barcode Scanning, Face Detection)</li> <li>- Crashlytics (iOS + Android)</li> <li>- Answers (iOS + Android)</li> <li>- AdMob (iOS + Android)</li> <li>- Sinch (iOS)</li> <li>- Layer SDK (iOS)</li> <li>- QuickBlox (iOS)</li> <li>- Digits (iOS + Android)</li> <li>- MapBox (iOS + Android)</li> <li>- PubNub (iOS + Android)</li> <li>- Butterknife (Android)</li> <li>- Realm (iOS + Android)</li> <li>- Couchbase Lite (Android)</li> <li>- Branch.io (Android)</li> <li>- Vidyo.io (Android)</li> </ul>
<b>External Data Console</b>	<ul style="list-style-type: none"> <li>- Bullhorn (iOS + Android)</li> <li>- Ring Central (iOS + Android)</li> <li>- Outlook (iOS + Android)</li> <li>- Clio (iOS + Android)</li> <li>- Zinc (iOS + Android)</li> <li>- Gmail (iOS + Android)</li> <li>- LionFish (iOS + Android)</li> <li>- UPCItemDB (iOS + Android)</li> <li>- LightSpeed (iOS + Android)</li> <li>- Able to retrieve data from any kind of external console that provides REST API or SDK.</li> </ul>
<b>Source Control Mechanism</b>	<ul style="list-style-type: none"> <li>- SVN</li> <li>- GitHub</li> <li>- BitBucket</li> </ul>
<b>Encryption / Security</b>	<ul style="list-style-type: none"> <li>- AES-256 Bit Encryption for Sensitive Information (iOS + Android)</li> <li>- AES-128 Bit Encryption (iOS + Android)</li> <li>- Native Security For Salt Keys Using NDK (Android)</li> <li>- Proguard (Android)</li> <li>- BCrypt Encryption Technique (iOS + Android)</li> </ul>

<b>Agile Methodology</b>	<ul style="list-style-type: none"> <li>- JIRA</li> <li>- Trello</li> </ul>
<b>API Data Transaction</b>	<ul style="list-style-type: none"> <li>- REST API (XML, JSON, etc.) (iOS + Android)</li> <li>- NVP API</li> <li>- SOAP API (iOS + Android)</li> <li>- Trello</li> </ul>
<b>Authentication Flow</b>	<ul style="list-style-type: none"> <li>- HTTP Basic Authentication - Tokens</li> <li>- One Time Password</li> <li>- OAuth 2.0</li> <li>- JWT</li> </ul>
<b>Coding Standards + Best Practices</b>	<ul style="list-style-type: none"> <li>- API Controller Versioning</li> <li>- App Versioning</li> <li>- Proper Naming Convention + Code Commenting</li> <li>- Token Mechanism for API Access</li> </ul>
<b>Chrome Application Development</b>	<p>- Chrome Web App being converted from Android App source code.</p> <p><b>Note:</b> For Chrome Apps – We are using Android-Java and converting the Android-Java Code to Chrome Web application code using ARC Welder(Beta) app. Arc Welder is still in beta mode and only allows us to use a few core features</p>
<b>Chrome Application Development</b>	<ul style="list-style-type: none"> <li>- iOS 12.1</li> <li>- Android 9.0</li> </ul>