



Mobile App to augment business needs of Accurate Electronics

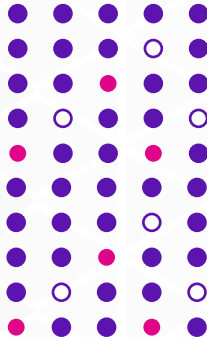
Accurate Electronics is in the journey of establishing a milestone in the field of global weighing scales. Since its inception in 2001. They provide timely, cost-effective deliveries to their valued customers all over Tamilnadu and Kerala.

They have targeted their services to educational segments, industries, especially for Jewellers, Retail Segments and now it adds the integrated add-ons of Office Automation Products, and etc.



Challenges faced

Technology plays a vital part in every business to provide different services and solutions. Accurate Electronics was in search of such technological interventions to overcome challenges that included:

- **Eliminate manual data collection** To provide a solution to the weighing scale manual data collection, a mobile app for collecting the machine data is the need of the hour.
 - **Manage machine details** A centralized platform where customers can save the machine details and space to maintain and manage multiple machine details for stamping
 - **Business Impact** Not updating with the current technological trend is limiting the scope of business.
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Approach followed

Accurate Electronics approached Altius Technologies to develop a customized mobile application for their business needs.

Altius Identified new team members for the business engagement that involved offshore phases. The offshore phase was planned to understand the process of Agile Scrum. JAD sessions planned to gain knowledge, define the communication protocol and to produce high-quality deliverables.

The project team and client worked together in defining the project plan, reporting mechanism, risk management, configuration, and change control mechanism, escalation points, information security, and quality assurance process. The Team gave the deliverables to the client on a bi-weekly sprint basis.

The tools & techniques used in this project

Mobile App Platform

- Platform: Android
- Framework: Ionic 4

Web Application

- Platform: Angular 8, Ruby on Rails,
- Database: Postgresql,
- Framework: Angular 8

Solutions offered

Altius team soon began working on the product's new roadmap items. Successful delivery by the team following strict agile processes in collaborative development has a pretty much-impressed client. The team has successfully implemented solutions in a positive and productive way which paves the way to future work. The Team gave the deliverables to the client on a bi-weekly sprint basis.

The developed mobile app contains 4 types of users - Super Admin, Distributor, Staff on Web application Android supports Dealer and customer signup. The Dealer collects the customers' machine data and it is saved in the distributor panel whereas the Machine stamping status changes will be taken care of by the distributor.

Benefits derived

The high-quality professional assistance from Altius Technologies helped Accurate Electronics derive benefits that include:

- Responsive web Application** A real-time dashboard helps to track the stamping/service and new machine data. The availability of updated content across various channels. Report usage helps the client to view metrics on recent and past activity levels.
- Improved business** The newly developed mobile app now provides flexible team staffing. The mobile app boosts team productivity and increases the scope of expansion