

J.J. Richards

Case Study on App Development
for Waste Management Solutions



www.wavemaker.com

WaveMaker's more than 10 customized applications built for **J.J. Richards** not only helped them onboard and track their customers but also standardize their internal process-related applications to increase efficiency.



J.J. Richards & Sons Pty Ltd is an Australian owned and operated family business that has been providing innovative waste management solutions throughout Australia since 1932.

Their commitment towards customers ensures J.J. Richards to provide the most efficient and cost-effective service possible.

Requirement

J.J. Richards, a customer-centric organization, wanted to create various customer onboarding and field engagement applications for their end-users. They were also seeking to build in-house applications to standardize internal processes and increase efficiency among internal teams.

The client had aging data - all in legacy systems. The front-end and UI of their existing apps needed an overhaul to support multiple devices. These apps were being maintained by the internal IT team.

Solution

Given the options, J.J. Richards considered using an external development platform that would help them create required apps quickly and within budget. They wanted a platform that would handle most of the heavy lifting required for app development - UI creation, automatic API generation, database handling, and third-party app integration - with the ease of app life cycle management and delivery.

Manipulating the front-end UI was easy using WaveMaker as it came with a variety of angular widgets, and drag and drop interface for visual app building. The support and training offered by the WaveMaker platform eased the learning curve for their internal development team. WaveMaker also auto-generated APIs from existing databases that addressed their concern of not writing APIs on top of their databases.

J.J. Richards wanted to replace its aging solutions and processes with modern, efficient and secure apps. They wanted a solution that could help them customize apps very quickly and deliver them without any runtime dependency.

Results

J.J. Richards was seeking to build 10-12 applications across various facets of their business that helped in the onboarding and tracking of their customers. Few of these apps are explained below.

Customer onboarding app

10
Days

For App
Development

05
Developers

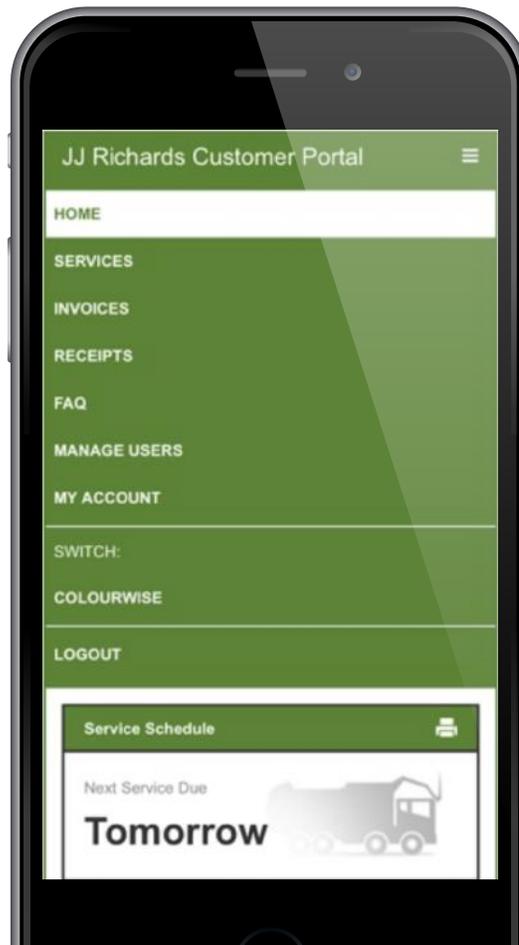
For App
Development

1000+
Customers

Using the App

This app was created to help onboard customers, update records, track requests and also integrate to an external payment gateway. WaveMaker helped in building this app with an easy UI for end-users and forms to store customer information in a central database. Integration with payment gateway and processing was achieved using APIs. A transaction report generation was also developed within the application.

J.J. Richards considered WaveMaker for its easy, simple and straightforward platform that creates apps with great UI out of the box.



On the road app with J-track

10

Weeks

For App
Development

05

Developers

For App
Development

100+

Field Operatives

Using the App

This mobile application was built to monitor and track events/ tasks for field teams. The application was designed to monitor and optimize collection, and track vehicle performance while recording factual information regarding daily collection run. This application required integration with the backend to support real time data recording and accommodating requests of the field teams.



Supplier registration portal

08

Weeks

For App Development

07

Developers

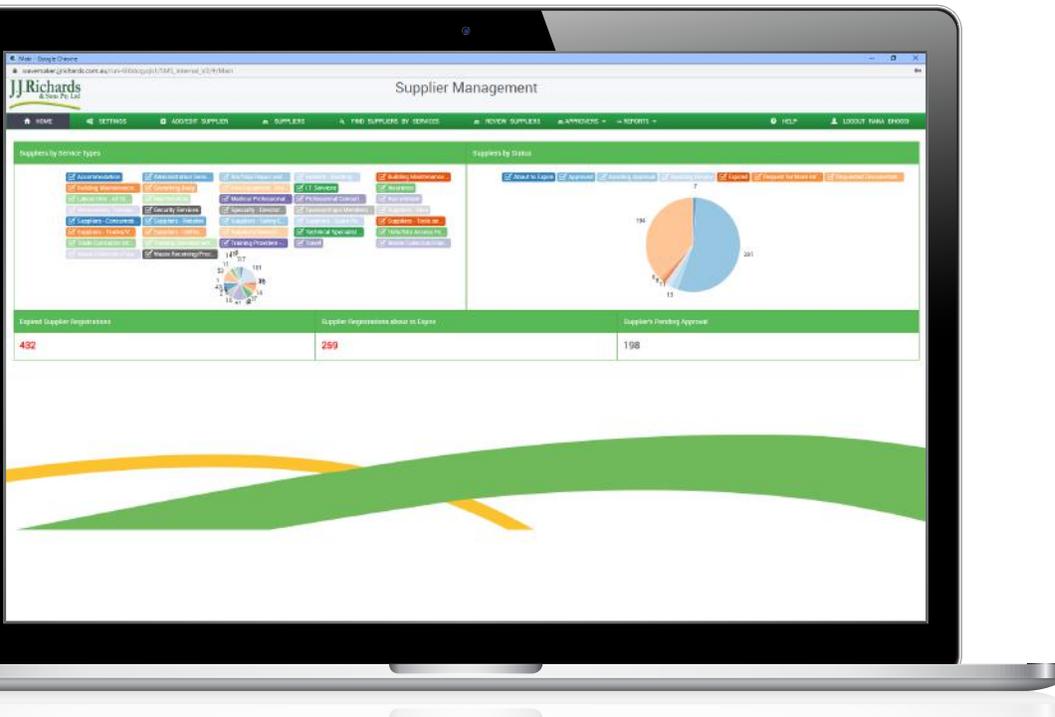
For App Development

100+

Suppliers

Using the App

The objective of this application was to streamline the bureaucratic process across various sites and regions. It helped move a cumbersome excel based supplier onboarding and management portal to a paperless digital and centralized system that was able to ease the supplier onboarding based on geography. WaveMaker was able to incorporate authentication and authorization using LDAP and Active Directory while capturing supplier information and data into SQL server 2017. An intuitive supplier user interface was developed with the help of UI/ UX widgets present in WaveMaker that could accurately capture the supplier information. This proved vital in the standardization of the supplier onboarding and management at J.J. Richards.





WaveMaker platform has helped us in rapidly building and deploying robust applications exceeding the expectations of our users. We have managed to cut down on ideation to fruition time from months to weeks.

Amit Shukla,
CTO, J.J. Richards



WaveMaker is the most open, extensible and flexible low-code platform that complements your enterprise application delivery while keeping in mind the requirements of Software Developers, Citizen Developers/ Business Users, IT Architects and CIOs.

Start a 30-day free trial today at www.wavemaker.com/get-started