



riivo

Intelligent innovation



Build better, scale faster

What we do



We empower businesses with lightning-fast software solutions, transforming innovative ideas into reality



A low-angle, upward-looking photograph of several modern skyscrapers with glass facades, creating a sense of height and architectural scale. The buildings are dark blue and grey, set against a lighter blue sky. The perspective is from the ground looking up, with the buildings converging towards the top of the frame.

According to Gartner, 65% of all applications will be built on low-code platforms **by 2024.**

What can you achieve?

Drastically reduce development time and cost, whilst maintaining the ability to scale and tackle even the most complex problems

Pick your platform



Solve your problem

- I need a Leads Management solution that automates the majority of my sales process
- I'd like to build a customer self-service portal
- I need to develop a custom CRM solution that's tailored to our unique business needs and processes
- I want to build a centralized database for customer information that's easy to access, search, and update
- I'd like to build a SaaS application
- I want to automate my inventory management to reduce manual errors and increase efficiency
- I'd like to automate our invoice processing and payment systems to reduce errors and save time for our accounting team
- I want to create a mobile app that allows our field workers to access and update important data while on the go
- I'd like to build an e-commerce application
- I need to create a custom reporting dashboard that visualizes key performance metrics across multiple departments
- I'd like to integrate my existing applications with WhatsApp
- I need a solution to manage our project workflows and resources, enabling us to work more efficiently and deliver better results
- I am looking for an application that supports our customer service team, and enables client self-service across multiple channels

Integrate with anyone



Unleash efficiency and innovation

Accelerate digital transformation and drive business innovation;
improve your outcomes rapidly and more cost-effectively

Faster time-to-market

Organizations can quickly build and deploy applications, reducing the time it takes to bring products and services to market

Increased efficiency

Developers can rapidly create applications with less coding, enabling them to focus on higher-value tasks and streamline development workflows

Lower costs

Elimination of the need for specialized coding skills reduces the cost of hiring and training developers

Empowerment of non-technical users

Platforms empower non-technical users to create and modify applications, enabling them to participate in digital transformation initiatives

Greater agility

Organizations can quickly adapt to changing business needs and pivot strategies, keeping pace with market trends and customer demands

Better collaboration

Teams can collaborate more effectively by enabling real-time feedback and seamless integration with other business applications

Improved scalability

Organizations can rapidly scale applications and services, supporting growth and expansion while minimizing downtime and disruption

Enhanced innovation

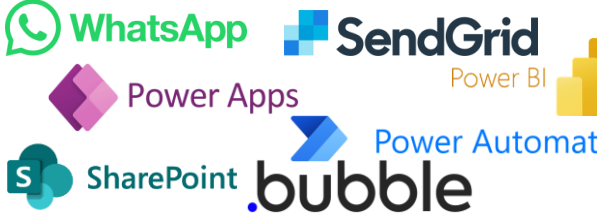
Organizations can rapidly experiment and prototype new applications, facilitating innovation and driving competitive advantage

Case Studies



Empowering Personal Tax Success: Igniting Value with Power Platform, WhatsApp, and Bubble

Overview

Industry	Financial Services
Client Background	Provider of Personal Tax submission and financial advice services to over 15k clients
Project Objectives	<ul style="list-style-type: none"> Replace existing Microsoft Access and Excel systems with a centralised application Enable cross-team collaboration Client self-service through an integrated Portal and WhatsApp Manage high-volumes of client communications via email and WhatsApp Invoice template generation
Technologies Utilised	
Timeline	<ul style="list-style-type: none"> 3 Months to initial go-live

Approach

- We deployed a centralised **Model-driven Power App** application to allow users access to a full suite of productivity tools from a single entry point
- Well-defined **Business Process Flows** were implemented to guide users through a compliant Tax submission journey
- The applications was integrated with SharePoint for document storage and leveraged Power Automate to deliver communication automations through **WhatsApp and SendGrid** integrations
- All management-level reporting was delivered through **Power BI**
- End-users were provided with access to their data via a **bubble.io** custom Portal




Key Benefits

- Significant time savings through auto-communications
- Reduction in bad debt through invoice automations
- Reduced human error
- Increased client satisfaction
- Improved client perception
- Improved employee to client ratio

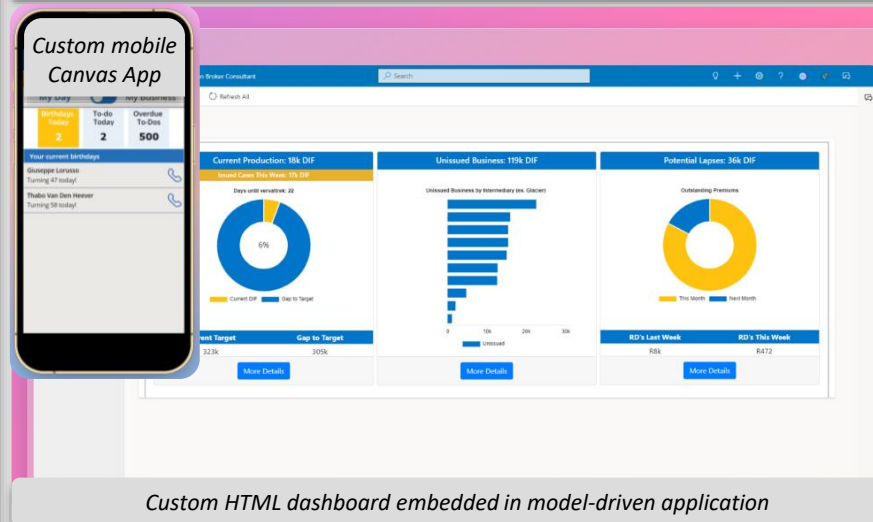
Catalysing the Future: Transforming a Blue-Chip Legacy Insurance Business with the Power Platform

Overview

Industry	Financial Services
Client Background	Listed, diversified insurance provider
Project Objectives	<ul style="list-style-type: none"> Integration of legacy systems to enhance user-efficiency Migration of existing on-premise functionality to the cloud Enablement of “work from anywhere” for users (accelerated by Covid) Improve management visibility on underlying key business metrics
Technologies Utilised	
Timeline	<ul style="list-style-type: none"> 6 Months to initial go-live

Approach

- Configure a **Model-driven Power App** to consolidate and surface key business data to users
- Expose relevant functionality via a simplified mobile **Canvas App** interface
- Leverage **Power Automate and the Outlook integration** to send out critical notifications to clients and to unearth critical user “Next Actions”
- Integrate legacy system data into Dataverse using KingswaySoft and direct API integration
- Leverage **Custom Pages** to build functionality to facilitate enhanced user data interrogation



Key Benefits

- Integration of legacy systems enabling seamless data access
- Workforce mobility unlocked through mobile application
- Uncovering management insights through Power BI
- Improved client experience through auto-communications
- Improved employee to client portfolio ratio

From Paper to Power: Revolutionizing Heat Exchange Manufacturing with the Power Platform Suite

Overview

Industry Heavy Industry

Client Background Heat exchange manufacturer, distributor and repairer, servicing listed SA companies

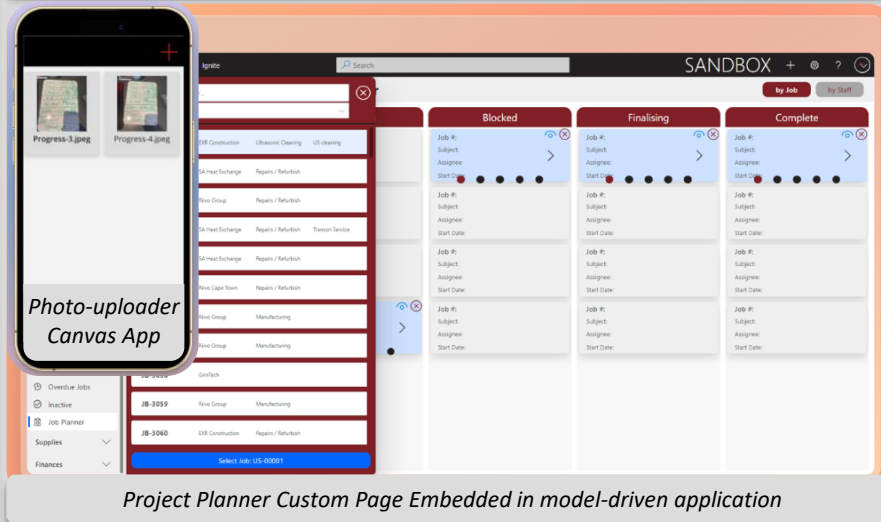
- Project Objectives**
- > Migrate manual, paper-based processes
 - > Reduce human error
 - > Facilitate document pre-population
 - > Enhance ISO compliance by simplifying image capture
 - > Enable bespoke project management flow
 - > Provide management with overview and insight into business operations

Technologies Utilised

Timeline > 3 Months to initial go-live

Approach

- > Leverage a **Model-driven Power App** infused with multiple Business Process Flows to guide users through complicated processes
- > Use event-driven **Power Automate** approach to generate and pre-populate documents, all stored on SharePoint
- > **Outlook integration** was enabled to facilitate seamless email communication
- > Leverage Power FX commanding to enhance user functionality through additional ribbon elements
- > Leverage Custom Pages and Canvas app to extend user functionality, enabling bulk Photo-uploading via mobile (by leveraging the MS Graph API) as well as custom Project Planning functionality






Key Benefits

- > Streamlined, efficient processes **reducing human error**
- > **Management oversight** of jobs and revenue forecasting
- > **Team alignment** using TV broadcast dashboard
- > **Improved compliance + simplified annual review**
- > **Enhanced project planning and management**
- > Improved **lead generation** through system reminders

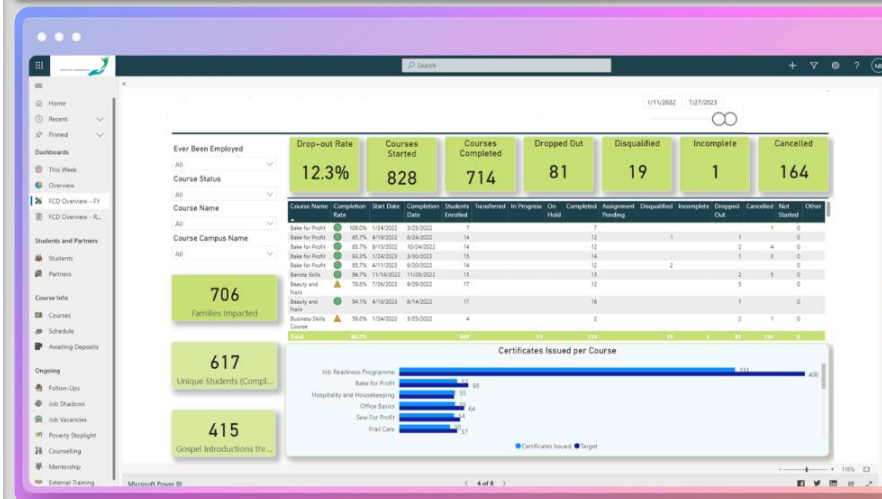
Transforming Lives through Education: Impactful NGO Management with Power Platform

Overview

Industry	Public Benefit NGO
Client Background	Provides underprivileged learners with the ability to acquire skills through certified courses
Project Objectives	<ul style="list-style-type: none"> › Replace existing SharePoint database › Introduce automated reporting › Automate key business notifications
Technologies Utilised	 Power Apps  Power BI  Power Automate
Timeline	› 2 months

Approach

- › Understand and model new relational Dataverse tables based on existing SharePoint lists
- › Migrate data to Dataverse using Dataflows and Power Query
- › Surface data and enable user inputs via a Model-driven Power App
- › Leverage **JavaScript** to apply business specific logic to enforce certain key processes




Key Benefits

- › **Unified data capture** process
- › **Automated report generation**
- › Reduction in data capturing errors
- › **Enhanced oversight** of class allocation
- › Improved monitoring of problem students with **early intervention capabilities**

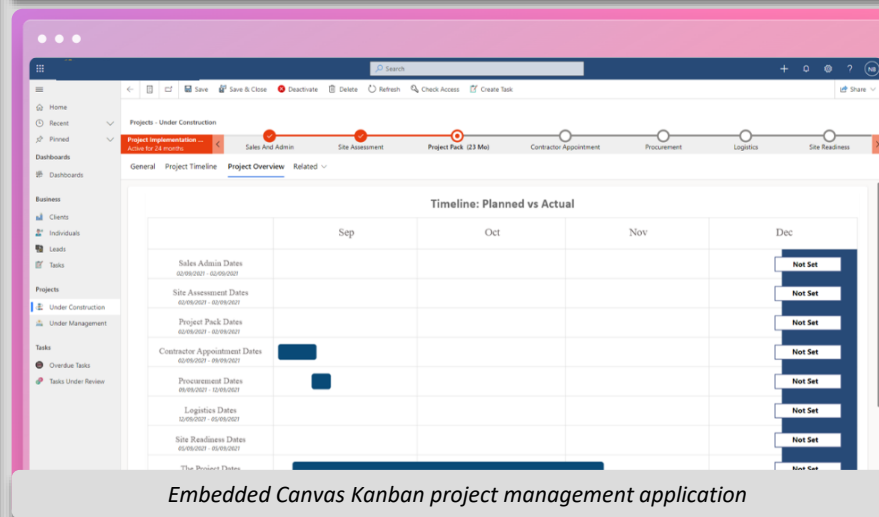
Revolutionizing Renewable Energy: Harnessing Power Platform for Enhanced Efficiency

Overview

Industry	Renewable Energy
Client Background	Installer and maintainer of solar solutions in multiple African countries
Project Objectives	<ul style="list-style-type: none"> › Migrate application functionality from Zoho to Power Platform › Streamline processes, with automations to prepare appropriate documentation › Assist Management oversight of daily operations › Introduce Client reporting through Growatt platform integration
Technologies Utilised	
Timeline	› 4 months

Approach

- › Map existing process and re-create in a model-driven **Power App**
- › Design well-defined **Business Process Flows** to guide users through projects
- › Leverage **Power Automate** to send out time-critical notifications both internally and externally
- › Deployment of a **Python-based Azure Function** to interface with the Growatt API to retrieve client monthly report data, alongside Plumsail and Chart JS API's to provide impactful report PDF generation



Key Benefits

- › Streamlined processes
- › Improved management oversight
- › Improved compliance through tracking of tasks
- › Enhanced client experience via insightful monthly reporting

Insurance Sales Reinvented: Streamlining Internal Processes and Driving New Client Conversion

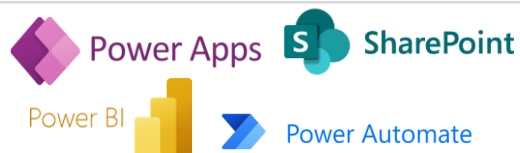
Overview

Industry	Financial Services
Client Background	Provider of Sales Support services on behalf of various Insurance Providers

Project Objectives

- › Replicate existing manual processes
- › Automation of reminders and notifications
- › Detailed oversight and reporting

Technologies Utilised

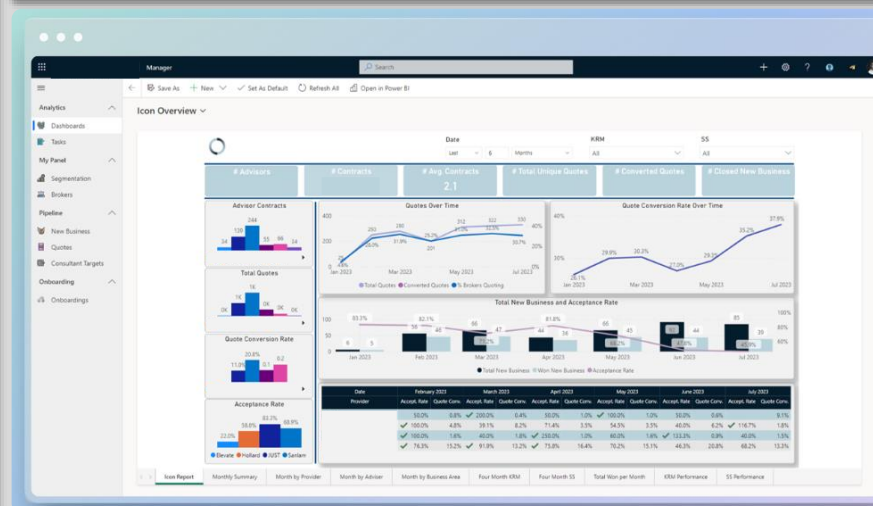


Timeline

- › 3 months

Approach

- › Model data requirements and implement relational Dataverse database
- › Surface data via Model-driven Power App
- › Enable advanced user functionality through **Power FX** command buttons
- › Deliver key notifications on a scheduled and automated basis using **Power Automate**
- › Provide detailed insights to all users through **Power BI**



Key Benefits

- › Intuitive processes, enabling **easy onboarding of new users**
- › System automations provide efficiency and time-saving
- › **BI Dashboards** unlock critical insights and assist management keep track of key business metrics
- › **Mobile functionality** supports the typical sales process

Streamlining Operations: Ensuring Consistency to Drive Efficiency

Overview

Industry

Financial Services

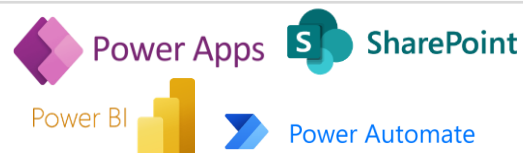
Client Background

Financial Brokerage providing Investment advice to high-net-worth clientele

Project Objectives

- › Replace existing manual processes with well-defined processes
- › Migration of data from excel
- › Inclusion of advanced validation rules to ensure process compliance
- › Replacement of existing management reporting process

Technologies Utilised

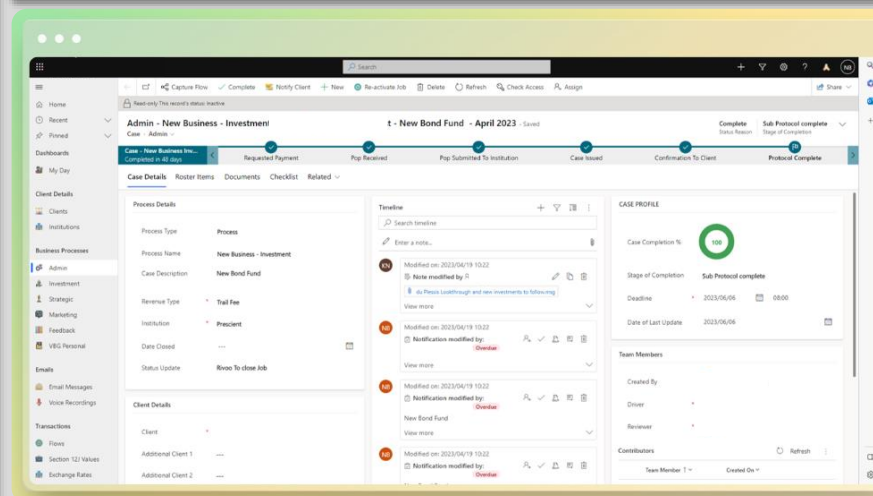


Timeline

- › 3 months

Approach

- › Detailed understanding of existing manual processes resulted in a well-defined Dataverse data model, surfaced to users via a **Model-driven Power App**
- › Enforcement of processes governed by Business Process Flows, combined with advanced **JavaScript** validation to ensure compliance
- › Power Automate was used to deliver reminders and notifications to internal team members to drive behaviour
- › Management reporting deliver via a combination of Azure Function-based imports and Power BI



Key Benefits

- › Significantly simplified process management, introducing operational efficiency
- › Management oversight enhanced and supported by the system
- › Monthly reporting time-saving efficiency of up to 5 days

Unlocking Global Business Potential: Streamlining Forex Solutions Lead Management

Overview

Industry Financial Services

Client Background Offers foreign exchange and risk management solutions to corporate entities

Project Objectives

- › Replace excel-based Leads Management system
- › Migrate existing data
- › Automate existing reporting
- › Prevent duplication of Sales Representative efforts

Technologies Utilised

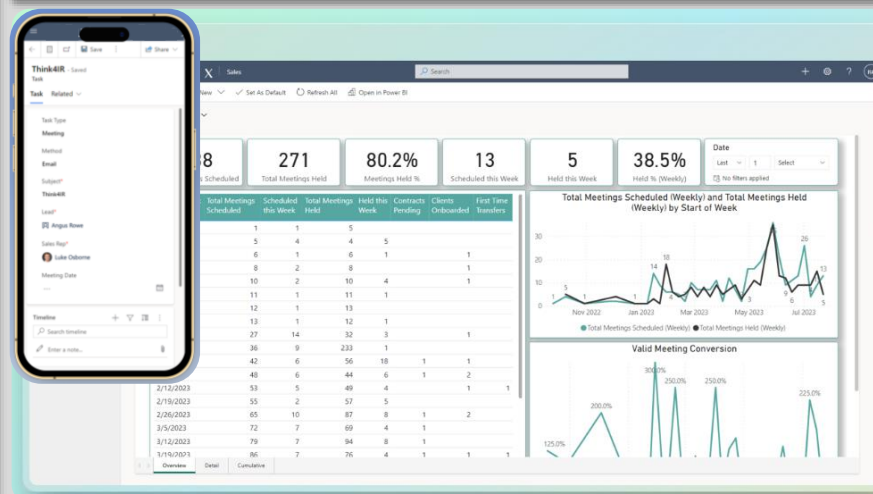


Timeline

- › 1 month to initial go-live

Approach

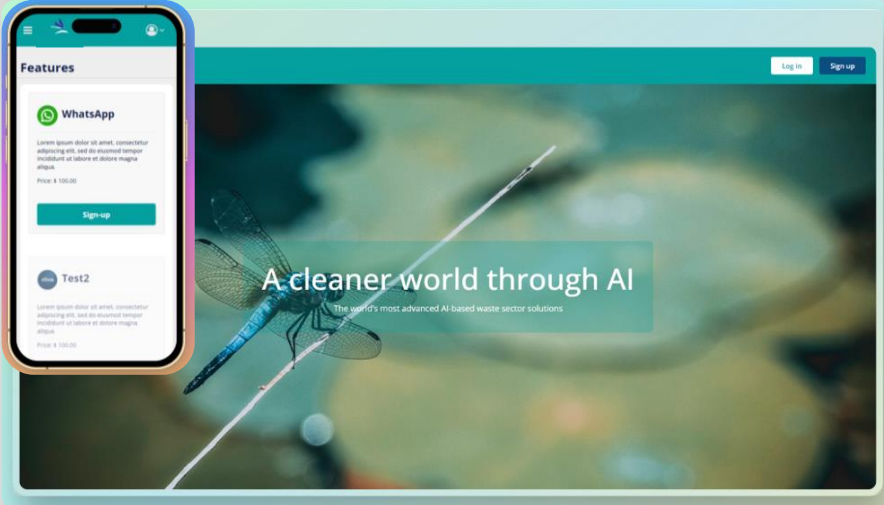
- › Recreate existing excel-based process using the Power Platform **Model-driven application**
- › Recreate existing excel-based reporting using **Power BI**
- › Leverage **Power Automate** to drive user behaviour and process continuation
- › Facilitate management functionality through **differentiated security profiles**



Key Benefits

- › Efficiency through single operating system
- › **Time-savings** through automated report generation
- › Improved access to **key insights** for management
- › Reduction of **data capture errors**
- › **Speed of deployment** facilitated quick switchover

Unlocking AI Vision: Empowering Data Access with an Intuitive bubble.io Front-end

Overview		Approach	
Industry	Technology	<ul style="list-style-type: none"> End-to-end bubble.io designed and built application, from security, database and front-end design Exposure of bubble.io backend API to facilitate extraction of key data by external systems Use of external Power BI plugin to expose proprietary dashboard in a responsive manner from within the application 	
Client Background	Developer of proprietary AI Vision Platform, with application across various verticals to enable consumer access to AI Vision		
Project Objectives	<ul style="list-style-type: none"> Design and implementation of a client-facing application which controls user access Embedding of proprietary dashboard securely in the front-end application Management of client subscription services Provision of API endpoint to enable external process to retrieve subscription data 		
Technologies Utilised	.bubble	Key Benefits	
Timeline	<ul style="list-style-type: none"> 2 months to initial go-live 	<ul style="list-style-type: none"> Delivery of a client self-service mechanism Intuitive, responsive front-end to the underlying core technology engine Revenue generating through subscription management functionality 	

Elevating Last Mile Delivery: Simplifying Baggage Management with bubble.io

Overview

Industry	Logistics
Client Background	Provides last-mile delivery and storage services for customers travel baggage

Project Objectives

- › Replace existing disparate tools with a unified system to provide clients with a seamless experience
- › Automation of quoting and facilitation of payments

Technologies Utilised

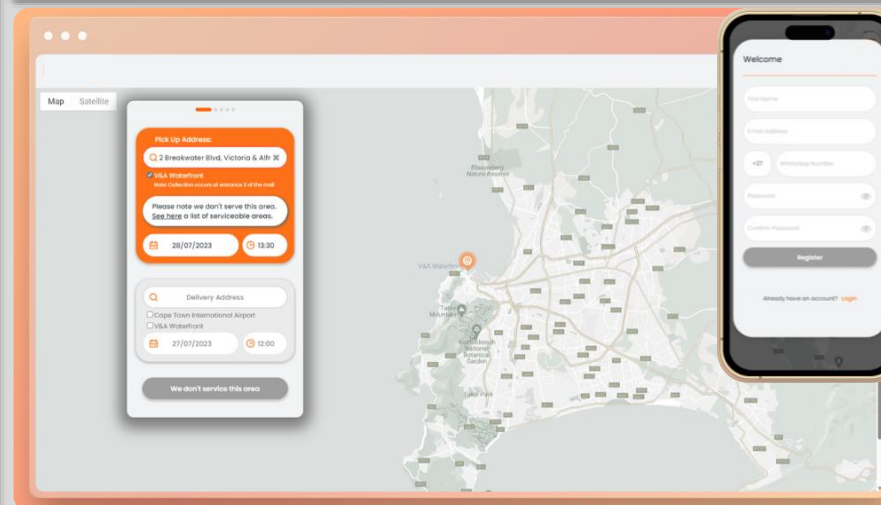


Timeline

- › 3 months to ready to go-live

Approach

- › Import initial designs from Figma and incorporate into a **bubble.io** secured application
- › Design user journey to ensure frictionless experience, requiring sign-in at the last possible moment to minimise drop-off
- › Use of Google Maps API to support management of pick-up / drop-off addresses
- › Enable payments through **PayStack** integration
- › Integration with **Woo Delivery** to facilitate back-end process management



Key Benefits

- › Scalable application, allowing owner to introduce additional team members to assist
- › **Improved client experience** with reduced dropped-balls and missed opportunities
- › **Client self-service** capabilities and potential to leverage client base for future activations

From Excel to Insight: Elevating Product Dashboarding with Power BI and Bubble.io

Overview

Industry	Technology
Client Background	Provider of Fleet Management Telemetry services

- Project Objectives**
- › Replace existing client reporting with enhanced dashboarding
 - › Integrate existing data endpoints

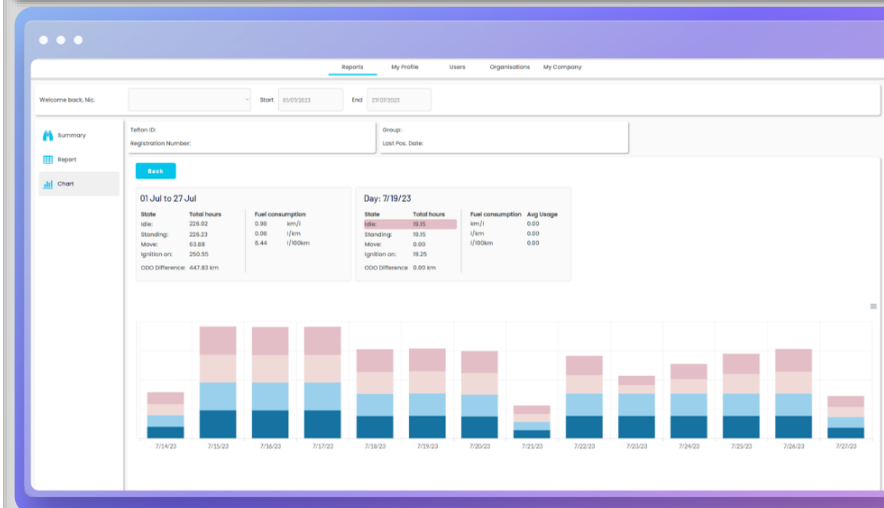
Technologies Utilised



- Timeline**
- › 3 months to ready to go-live

Approach

- › Given the high volume of data, the backend for the application was moved from bubble.io to **Xano**
- › All front-end charting and table data is surfaced via bubble through a secured, user-friendly application
- › Integration is designed and handled with **Xano** with supplementary processes augmenting imported data
- › Additional dashboard functionality provided through **Power BI**, where a data retrieval process is managed by a **Python-based Azure Function**
- › **Google Maps** integration delivers location-based insights



Key Benefits

- › Improved delivery of client reporting
- › Client self-service and 'live' reporting capabilities
- › Significant speed improvement
- › Additional, advanced client insights requests easily provided
- › Personalised client experience