

OUT ON HIRE (Instrumental Rental App)

FLUTTER WEB + MOBILE + Google CLOUD PLATFORM (NodeJS)

**Client Location:** Perth

**Industry:** Machine Hire

**Technology Used:** Node.js, JavaScript, Express, Firestore, GCP, Flutter, Dart

## Instrumental Rental App

- A platform that simplifies the rental business, manages bookings & hires, tracks inventory/availability.
- Paper free Digital Rental management App with Rental agreements, license scan, Schedule, Pick up – Return and Damage Reports. Complete Mobile based solution equipped with everything in Mobile device.
- Manage rental business and generate a fully ready to deliver documents with customer signature (Rental agreement, delivery email, damage report). Send all categories of documents to your customer directly from mobile device.
- The Application provides complete solution to operate your Rental business efficiently from mobile app

## About

- It is an AUS based company that specialises in dry hire of tight access earthmoving equipment and machinery.

## Our Instrumental Rental solution Offers following features:

### Mobile Functionalities

- Dynamic Agreement Form on basis of tenant's requirement
- Provide secure payment gateway like **Stripe**
- **Real Time Data Update** – The purpose was to store & sync the data between users in real time.
- **Calendar Integration** – It Lists all Pickup & Return scheduled for any day. Gives you a complete picture to plan the day.
- **Equipment status Log** – The Equipment status automatically changes based on Book, Pick & Return. Color coded visual display of Equipment “Booked by Customer”, "Rented to Customer" or “Returned by Customer” etc.
- **Inventory** – Maintain all Equipment with detailed information & vehicle Category.
- **Order Completion Report** – Order Completed report with customer signature.
- **Driver License Scan** – This app has a license scan feature that allows document crop and text scan using OCR.
- SMS gateway Integration for order booking & confirmation.
- Push notification Integration for Order confirmation.
- **Partial Invoice** - Generate a partial invoice for specific period and send it to client
- **Outstanding Account Detail** - Display all pending account detail with basic filter like overdue and all transaction

### Backend Solution

- The application supports node.js as a backend javascript runtime environment.
- Firebase : Crashlytics, Firebase Remote Config, Firebase Cloud Functions
- Google Cloud Platform

### **Frontend Mobile Framework**

- Flutter

### **Languages used**

- Dart
- Kotlin
- Swift
- NodeJS
- Php

### **Results**

- **Support for varied Industries:** Easy manageability with serverless & scalable multi-tenant architecture.
- **Fully Integrated with Firebase & Google Cloud:**
- **Live Synchronization & Offline Support:**