TEAM MANGO MEDIA

Software case study

JEWELLERY REPAIR

A cloud platform for jewellery repair businesses.

ReactJS · Django · AWS



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Jewellery Repair Management System

A cloud-based platform to streamline repairs and improve customer transparency.

A branded storefront, real-time tracking and multi-location control bring jewellery repair operations into one platform, designed for scalability.

The challenge · The product · The build · The results

THE CHALLENGE



PROJECT AT A GLANCE

Cloud-based repair platform

Branded storefront
Multi-location control

ReactJS, Django, PostgreSQL

Manual systems leave repairs out of view

Outdated systems fragment orders, communication and repair visibility.

Lost or misplaced orders and disconnected customer communication make repair operations difficult to manage across multiple stores.

Gaps in repair management

Misplaced orders

Manual systems can leave orders lost or misplaced.

Limited repair visibility

Customers lack visibility into repair status, while communication remains fragmented.

Disconnected locations

Managing multiple store locations adds operational complexity.

THE SOLUTION

Storefront, repair tracking and operational control in one platform.



Built for jewellery repair workflows.

One platform for repair operations

Connect customer transparency with day-to-day repair management.

The cloud platform combines a branded online storefront, automated work orders and real-time notifications, with analytics and multi-location control.

PRESENT A BRANDED EXPERIENCE

A branded storefront gives customers a premium online experience.

Custom email templates support branded customer communication.

KEEP REPAIRS VISIBLE

Real-time tracking and automated notifications improve visibility into repair status.

MANAGE ACROSS LOCATIONS

Multi-location control and vendor management support scalable repair operations.

PLATFORM FEATURES



Manage orders.
Track repairs.
Stay connected.

Customer experience and operational control together.

Features built for repair businesses

Branded service, visible repairs and connected operations.

The platform combines customer-facing tools with work order automation, vendor management and pricing controls.

Branded online storefront

A premium branded storefront supports the customer experience.

Automated work orders

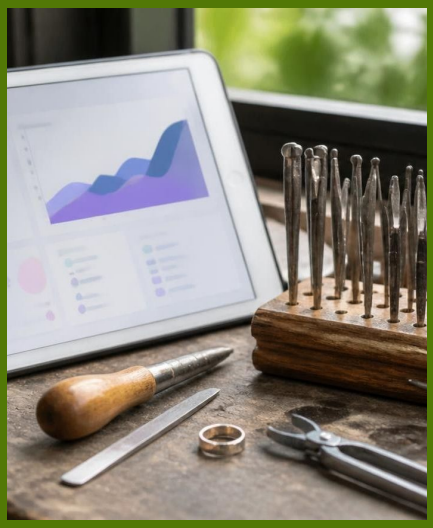
Automated work orders support jewellery repair workflows.

Real-time communication

Tracking, notifications and custom email templates keep customers informed.

Vendor and pricing tools

Vendor management, discount and pricing modules support operational control.



PLATFORM FLOW

3

connected capabilities

Storefront

Repair tracking

Analytics

Connected repair management.

How the platform works

Storefront, tracking and operational control.

A three-part flow based on the platform's capabilities.

01

Branded storefront and work orders

A branded storefront connects with automated work orders.

02

Real-time tracking and notifications

Repair tracking and notifications improve customer transparency.

Custom email templates support branded communication.

03

Analytics and multi-location control

Dashboards provide orders, sales trends, vendor capacity and location-wise performance.

THE BUILD

Cloud infrastructure

AWS with Docker



Web · Mobile · Cloud

Built for connected repair operations

A web software platform with mobile support and cloud infrastructure.

ReactJS with Redux powers the frontend, with Python and Django on the backend and PostgreSQL for the database.

Technology record

MOBILE

Flutter

Flutter provides the platform's mobile technology.

WEB

ReactJS with Redux

The web frontend connects with a Python and Django backend and PostgreSQL database.

INFRASTRUCTURE AND PAYMENTS

AWS, Docker and Stripe Connect

AWS with Docker supports infrastructure; Stripe Connect provides payments.



ANALYTICS AND INTEGRATIONS

Visibility across repair operations

Orders and sales

Location performance

Vendor capacity

Source: Team Mango Media's Jewellery Repair Management System case study.

Analytics and connected operations

Operational insight and integrations for scalable repair management.

The analytics dashboard covers orders and sales trends, location-wise performance, vendor capacity tracking, and revenue and service analytics.

Commerce	ERP	Shipping
Shopify and Magento integration	NetSuite integration	FedEx and UPS integration

INSIGHT ACROSS LOCATIONS

Track location-wise performance alongside vendor capacity, orders and sales trends.

BUILT FOR JEWELLERY REPAIR

A premium branded experience and multi-location control support the platform's focus on scalability.

Team Mango Media describes the platform as offering "proven performance with measurable ROI". This is the source's claim; no numeric results are provided.



TEAM MANGO MEDIA

Jewellery Repair Management System

Cloud-based repair platform

NEXT CONVERSATION

Your software idea.

START WITH THE PRODUCT

Have a software idea in mind?

Talk to Team Mango Media about your next product.

The Jewellery Repair Management System connects a branded storefront, repair tracking and multi-location control in one cloud-based platform.

BRING THE PROBLEM YOU WANT TO SOLVE

For a first conversation, describe who the software is for, what they are trying to do and where the current experience falls short.

Which decision should the product make easier? What information would help users act? What outcome would make the project worth building?

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