



CASE STUDIES



TABLE OF CONTENTS

03

SCULPTFORM PRICE & SPEC

04

MONASH HEALTH VIRTUAL HOSPITAL

05

VOXSPOT GEO-BASED SOCIAL APP

06

BREASTMATE DIGITAL HEALTH PLATFORM

07

CANNATREK ONLINE DISPENSARY

08

THREADHEADS ARTISTS DASHBOARD

09

SCHWEPPE'S CONNECT

10

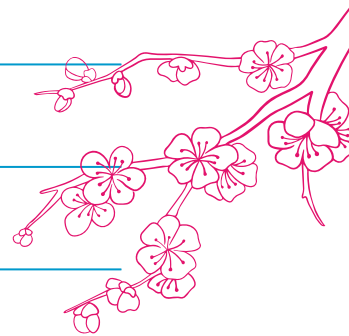
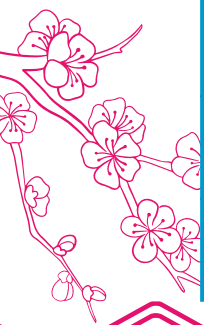
B&D INSPECTION PLATFORM

11

ALULINE QA PLATFORM

12

YOULY

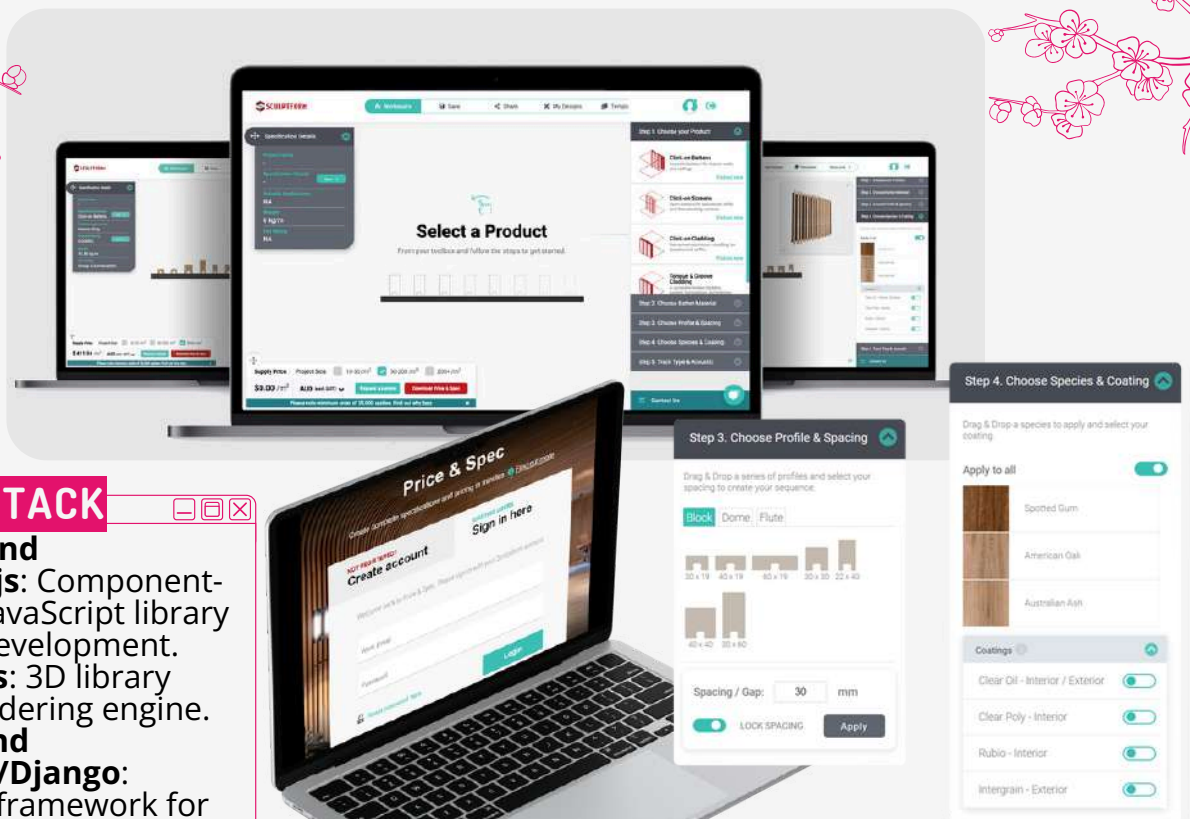


SCULPTFORM PRICE & SPEC

A STREAMLINED DESIGN AND QUOTING WEB APP TOOL FOR ARCHITECTS & SPECIFIERS.

Sculptform's original Price & Spec tool, while offering 3D visuals and specs, saw low use due to no real-time pricing and outdated tech hindering updates and new products. The challenge was a more intuitive redesign to become the preferred tool for architects and builders.

Hitori refined the tool by analysing user behaviour and focusing on key improvements. This UX-focused collaboration transformed Price & Spec into a user-friendly asset, boosting adoption and streamlining design and budgeting for Sculptform users. This shows Hitori's ability to create innovative software solutions that improve user experience and business processes.



TECH STACK

Front-end

Ember.js: Component-based JavaScript library for UI development.

Three.js: 3D library and rendering engine.

Back-end

Python/Django: Robust framework for web applications, database interaction, and business logic.

PostgreSQL: Powerful relational database for storing data.

Salesforce: Integrated for real-time automated pricing updates. **PDF:** Dynamic quote generation for email.

ADDITIONAL TECHNOLOGIES

Cloud Infrastructure: AWS for hosting and scaling. **API Gateway:** Manages API requests for secure & efficient communication. **CI/CD Pipeline:** Automated continuous integration & deployment. **Version Control:** Git for code management & collaboration. **Testing Framework:** Unit & integration tests for code quality. **Authentication & Authorisation:** OAuth for secure user access. **3D Rendering Engine:** Three.js for interactive product models. **SendGrid:** For sending dynamic transactional emails.

For more details

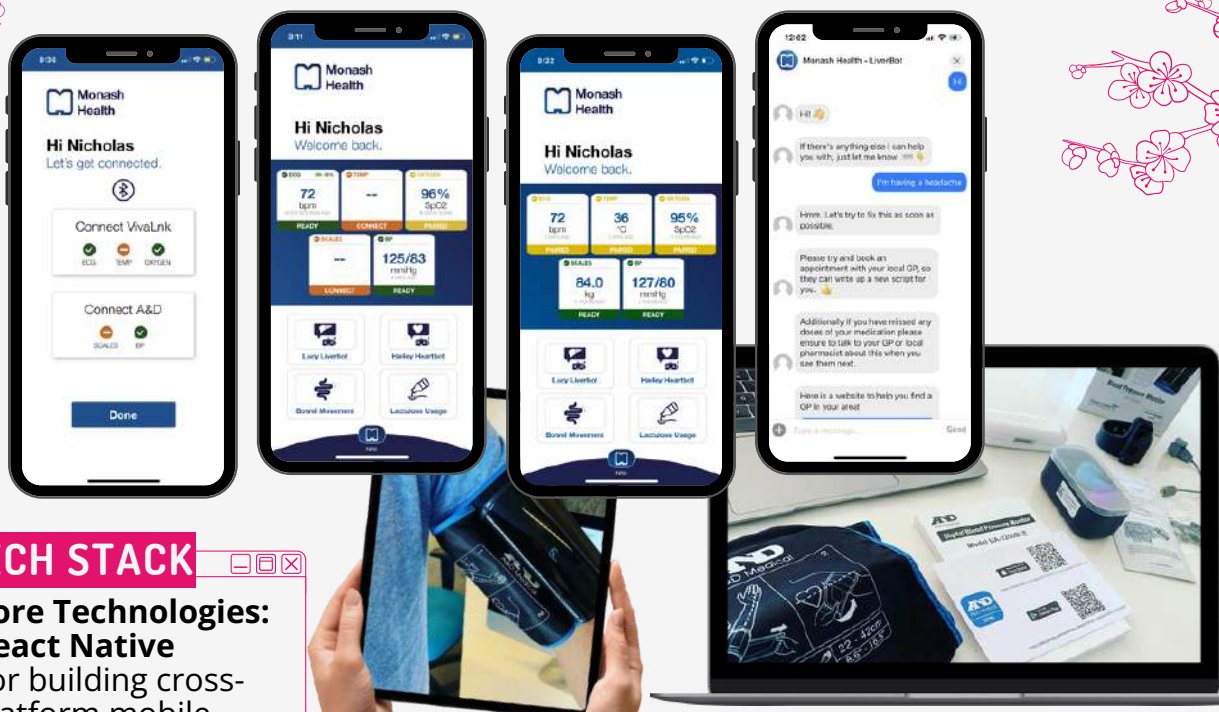
<https://hitori-inc.com/2024/11/07/sculptformpriceandspec/>

MONASH HEALTH VIRTUAL HOSPITAL

EFFECTIVE REMOTE PATIENT MONITORING, DATA-DRIVEN INSIGHTS,
AND A SECURE PLATFORM FOR HEALTHCARE PROFESSIONALS.

The Monash Health Virtual Hospital app allows clinicians to remotely monitor patients' health using various Bluetooth medical devices. This HIPAA compliant app tracks vitals like blood pressure, oxygen saturation, and weight. It also features an AI chatbot for patient support.

Developed using React Native for iOS and Android, the app securely transmits data to the cloud for analysis by Monash Health clinicians. This innovative mobile app puts Monash Health at the forefront of virtual hospital care.



TECH STACK

Core Technologies:

React Native

For building cross-platform mobile apps (iOS and Android).

Python/Django

For backend API development, data management, and server-side logic.

AWS

For cloud infrastructure, including serverless functions, databases, and storage.

ADDITIONAL TECHNOLOGIES

Bluetooth Integration: For connecting with various medical devices.

API Integration: For seamless integration with third-party medical device APIs (e.g., A&D Medical, Vivalink).

AI Chatbot: Integration with a natural language processing (NLP) model for intelligent chat interactions.

HIPAA Compliance: Implementation of robust security measures and data privacy practices.

Mobile App Distribution: Deployment to Apple App Store and Google Play Store.

User Authentication: Integration with secure authentication methods like Touch ID and Face ID.

For more details

<https://hitori-inc.com/2024/12/05/monash-health-virtual-hospital/#1728525070356-68d67b6f-50c7>

VOXSPOT GEO-BASED SOCIAL APP

EXPERIENCE LOCATION-BASED CHAT THAT PUTS YOU IN THE KNOW, BECOME PART OF YOUR NEIGHBORHOOD'S LIVE DIALOGUE.

VoxSpot, a cutting-edge mobile app with UX/UI design by Hitori, allows you to broadcast questions and receive instant replies from people in your suburb or those near your current location. Stay informed about the latest local buzz and easily voice your opinions or promote events to nearby users or within specific locations.

Developed cross-platform for iPhone and Android using React Native and supported by a custom-built Python/Django API with real-time WebSockets for chat, VoxSpot facilitates sharing video, photos, and instant messages leveraging the app user's GPS location. Upon release, VoxSpot trended at #2 on the Android app store and has since ranked within the top 100 social apps on the Apple App Store!



TECH STACK

Mobile App Development - React Native: This is a cross-platform hero, targeting both iOS and Android with a single codebase.

Backend & API - Python: A versatile and widely-used language, great for building robust backend systems. **Django:** A high-level Python web framework that provides structure, security, and rapid development for the API. **REST API:** The architecture for communication between the mobile apps and the backend. **Web App Development - Ember.js:** A convention-based JavaScript framework for building web applications and managing the platform, user data, analytics etc.



ADDITIONAL TECHNOLOGIES



Geo-location Mapping - GPS (Device Level):

The fundamental technology for accessing users' current locations. **Mapping - Libraries/Services:** platform-specific map SDKs to display locations and handle geo-based queries. **Cloud Infrastructure & DevOps - AWS (Amazon Web Services):** A comprehensive suite of cloud services for hosting, running the backend API and web app. Databases. Real-time Communication. Infrastructure. Storage. DevOps Tools. **App Store Deployment - Apple App Store:** For distributing the iOS version of VoxSpot. **Google Play Store:** For distributing the Android version.

For more details

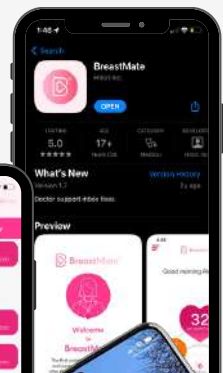
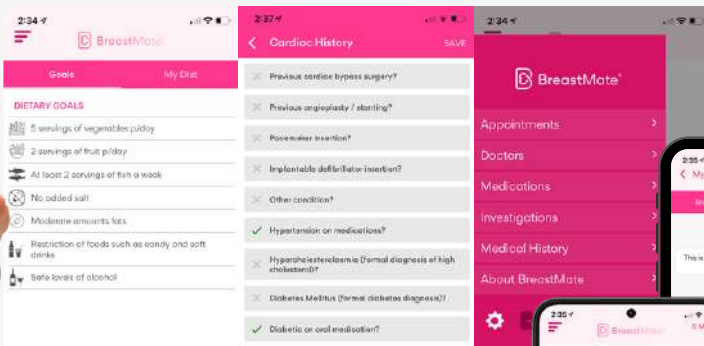
<https://hitori-inc.com/portfolio/voxsport-geo-based-social-app/>

BREASTMATE DIGITAL HEALTH PLATFORM

EMPOWERING PATIENTS TO TAKE CONTROL OF THEIR HEALTH THROUGH REMOTE MONITORING AND ENGAGEMENT.

BreastMate, a groundbreaking digital health platform, empowers cardiovascular and breast cancer patients with a suite of interactive iPhone, Android, and web applications. Patients can track vitals with clear data visualisations, stay within personalised health ranges, and even calculate their heart age.

Fitness tests and secure messaging with doctors foster proactive care, while the platform's cross-platform development (React Native), secure API (Python/Django), and integrations with Apple HealthKit, CareKit, ResearchKit, and Google Fit create a seamless healthcare ecosystem. By offering remote monitoring, personalised insights, and secure communication, BreastMate empowers patients and healthcare professionals to navigate the journey towards better health.



TECH STACK

Front-end:

React Native (iOS & Android mobile apps)
Ember.js (web application)

Back-end:

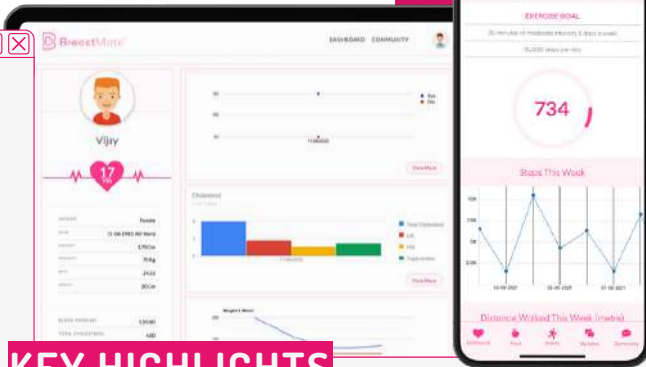
Python/Django (REST API and web application core)
AWS (cloud infrastructure)

Data Integration & Health:

Apple HealthKit, Apple CareKit & ResearchKit
Google Fit

Additional Technologies:

DigitalOcean (DevOps & hosting)



KEY HIGHLIGHTS

React Native enables a consistent user experience across both iOS and Android, accelerating development.

Ember.js provides a structured and maintainable framework for the web application's complex features.

Python/Django offers a robust and efficient backend for data management, application logic, and API interactions.

AWS delivers a scalable and reliable cloud infrastructure to support BreastMate's growth. Seamless integration with **Apple HealthKit, CareKit, ResearchKit, and Google Fit** allows for comprehensive data exchange and utilisation.

CANNATREK ONLINE DISPENSARY

SIMPLIFYING ACCESS TO PLANT-BASED MEDICINE

Cannatrek Online Medical Cannabis Dispensary streamlines access to plant-based treatments and medication for both patients and healthcare professionals, supporting the journey towards improved health outcomes. Hitori was responsible for the user-centered UX/UI design of this platform.

This comprehensive platform simplifies the entire process, from eligibility checks and telehealth appointments to online prescription fulfillment and personal progress tracking via a dedicated monitoring app. Cannatrek makes accessing plant-based medicine easier and more affordable than ever before.



TECH STACK

UX/UI Design: By Hitori
Web Application: Ember.js
Backend & API: Python/Django REST API
Prescription Management: Secure & compliant system (SASB)
Regulatory Compliance: TGA & automated government reporting
Inventory Management: Stocktake management system
Data Insights: Analytics dashboard
Payment Gateway: NAB PayWay integration
Accounting: Xero API integration
Data Security: HIPAA compliance
Cloud Infrastructure: AWS DevOps & hosting

KEY HIGHLIGHTS

- The platform offers a seamless, end-to-end experience for accessing plant-based medicine.
- Ember.js provides a robust foundation for the web application's user interface.
- Python/Django powers a secure and scalable backend for all functionalities.
- Integration with NAB PayWay and Xero ensures smooth financial transactions and accounting.
- Adherence to TGA guidelines, automated government reporting, and HIPAA compliance ensures regulatory standards are met.
- AWS provides a reliable and scalable infrastructure for the platform.

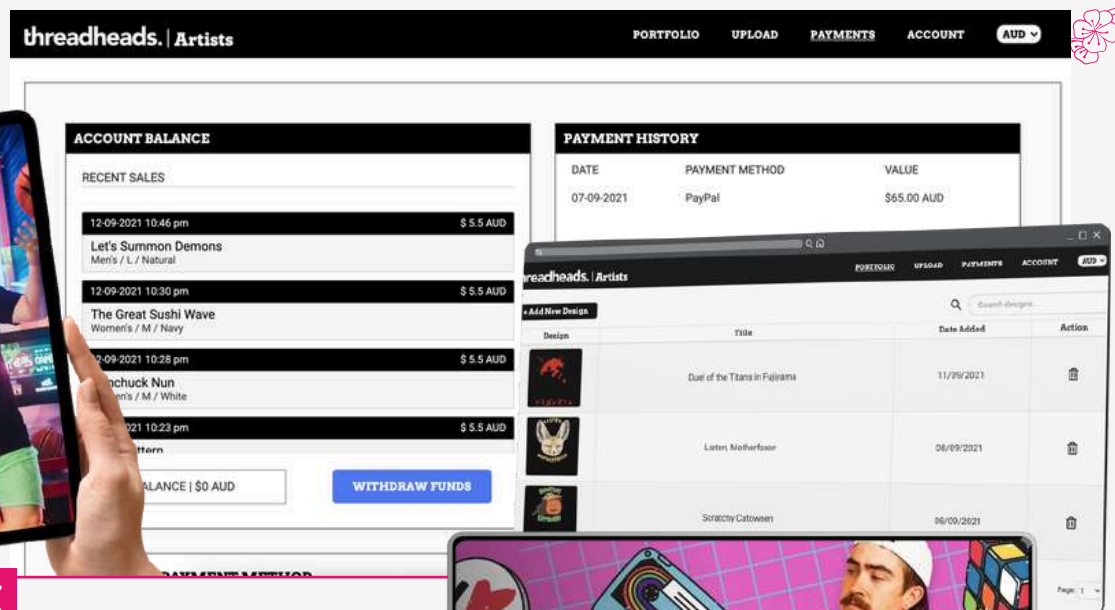
THREADHEADS ARTISTS DASHBOARD

A STREAMLINED DESIGN AND QUOTING WEB APP TOOL FOR ARCHITECTS & SPECIFIERS.

Behind the vibrant designs on Threadheads' Shopify website is a powerful, invite-only Artists Dashboard, built to streamline artist management and ensure fair compensation. The user-centric UX/UI of this platform was expertly crafted by Hitori.

This platform acts as a central hub for Threadheads artists. They can effortlessly upload and manage their artwork, gaining full control over their creative contributions. The system provides real-time sales tracking, offering complete transparency on their earnings. Cashing out is simple and convenient, with support for various currencies.

The functionality of the dashboard is powered by key integrations, including Shopify's API for seamless product and vendor synchronization and PayPal's Payouts API for automated and efficient payouts to artists globally, complete with currency conversion. The platform's robust backend is built with Python and Django, while the user interface is developed with Ember.js. The entire infrastructure is securely hosted and managed on AWS.



TECH STACK

Front-end: Ember.js (Web Application)
Back-end & API: Python, Django (REST API Framework)
E-commerce Integration: Shopify API
Payment Processing: PayPal Payouts API
Cloud Infrastructure & DevOps: AWS (Amazon Web Services)



For more details

<https://hitori-inc.com/portfolio/threadheads-artists-dashboard/>

SCHWEPPE'S CONNECT

COMPREHENSIVE ONLINE HUB ENHANCING CUSTOMER EXPERIENCE THROUGH SAP INTEGRATION

Recognising the need for a seamless and flexible way for customers to manage their interactions with Schweppes Australia, including real-time access to critical business data, the team at Hitori chose Telerik solutions to build a high-performance hybrid application with a beautiful and intuitive user interface. Hitori implemented robust integration with Schweppes Australia's SAP system, ensuring a streamlined flow of information for order processing, inventory management, and account details. Hitori's design team crafted a user-friendly UX/UI that has been praised for its speed and smooth performance, defying typical hybrid app expectations.

The app streamlines crucial tasks like placing orders anytime, anywhere, with order information directly integrated into the SAP system. Customers benefit from multiple ordering options, including Snap Order and custom templates, alongside helpful email reminders. The platform provides real-time access to order history sourced from SAP, facilitates SAP-linked account and payment management, enables browsing of the up-to-date product catalog from SAP, and offers valuable sales growth tools. Since its launch, customers have expressed significant satisfaction with the app's intuitive design and seamless functionality, particularly the accuracy and timeliness of data provided through the SAP integration.

KEY HIGHLIGHTS

Developed by: Hitori, Inc.
Challenge: Streamline customer engagement and mobilise key business operations for Schweppes Australia customers, including real-time data exchange with their SAP system.

Solution: Intuitive hybrid mobile application (Schweppes Connect) with seamless SAP integration.
UX/UI Design: By Hitori, praised for its speed and smoothness.

Technology Choice: Telerik solutions for building a high-performance hybrid app with SAP connectivity.

CORE FUNCTIONALITIES

- Flexible order placement (anytime, anywhere) with direct SAP order submission.
- Multiple ordering options (Snap Order, custom templates).
- Email reminders for ordering.
- Comprehensive order history with delivery dates sourced from SAP.
- Account and payment management integrated with SAP financial modules.
- Full product catalog browsing with real-time data from SAP.
- Sales growth tools.



B&D INSPECTION PLATFORM

COMPREHENSIVE INSPECTION PLATFORM THAT STREAMLINES WORKFLOWS AND IMPROVES DATA ACCURACY

Hitori partnered with B&D to transform their inspection process by developing a comprehensive digital inspection platform that streamlines workflows, improves data accuracy, and enhances overall efficiency. Hitori provided the user-centric UX/UI design for both the mobile and web applications.

By leveraging cutting-edge technologies, including React Native, Ember.js, Python/Django, and augmented reality (AR) for visualising potential garage door configurations, the platform delivers a seamless and efficient user experience. This shift to paperless operations has not only improved efficiency but also provided valuable data for informed decision-making, ultimately enhancing B&D's ability to deliver exceptional service to their customers.

This innovative platform comprises:

- **A cross-platform mobile app (iOS and Android)** that empowers field staff to conduct inspections, capture photos and videos with annotation tools, and record precise measurements using a seamless Bluetooth integration with a laser measuring device.
- **A cloud-based web application** that provides centralized management of inspections, generates detailed and customizable PDF reports, and facilitates in-depth data analysis.

TECH STACK

Front-end

UX/UI Design: Hitori
React Native (Mobile App)
Ember.js (Web Application)

Back-end:

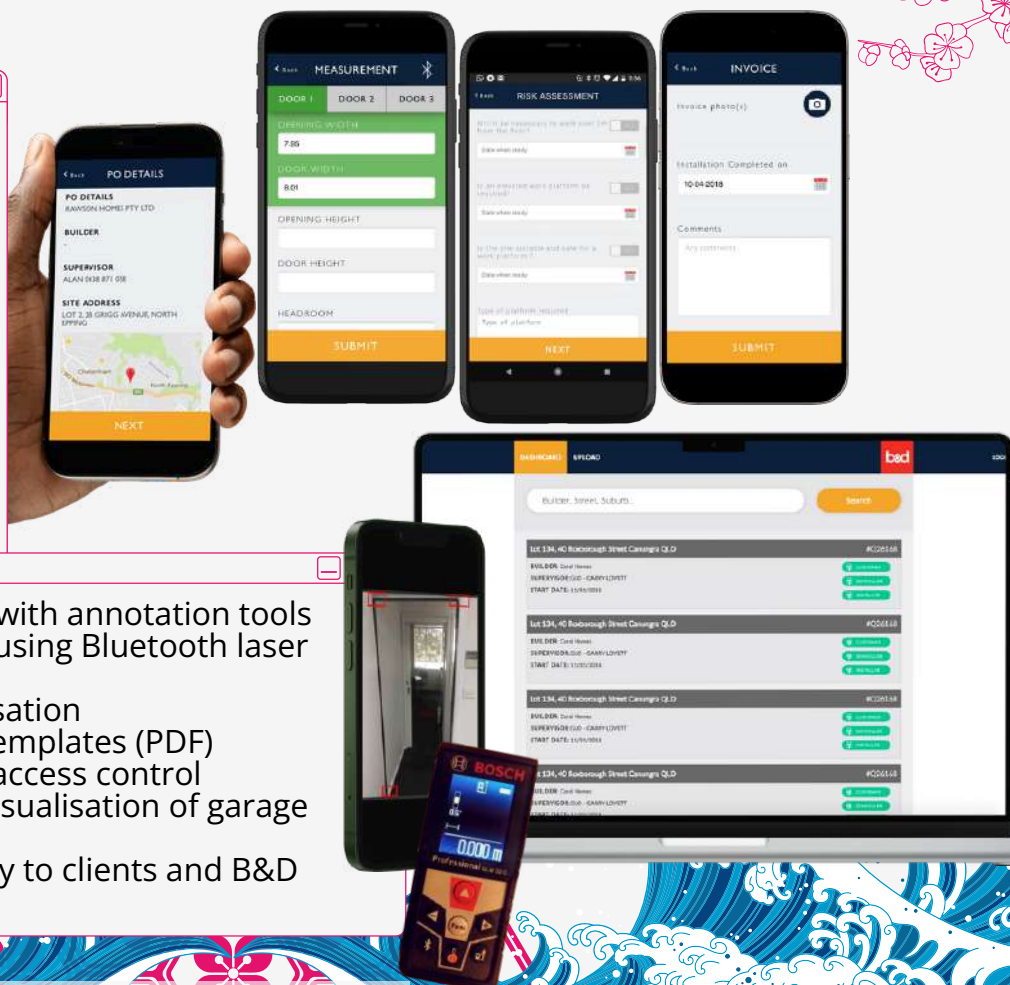
Python
Django (REST API)

Additional Technologies:

Bluetooth Integration
PDF Generation
Camera/Gallery Integration
Email Integration

KEY FEATURES

- Photo and video capture with annotation tools
- Accurate measurements using Bluetooth laser device integration
- Real-time data synchronisation
- Customisable reporting templates (PDF)
- Secure data storage and access control
- Augmented Reality (AR) visualisation of garage door configurations
- Automated report delivery to clients and B&D HQ via email



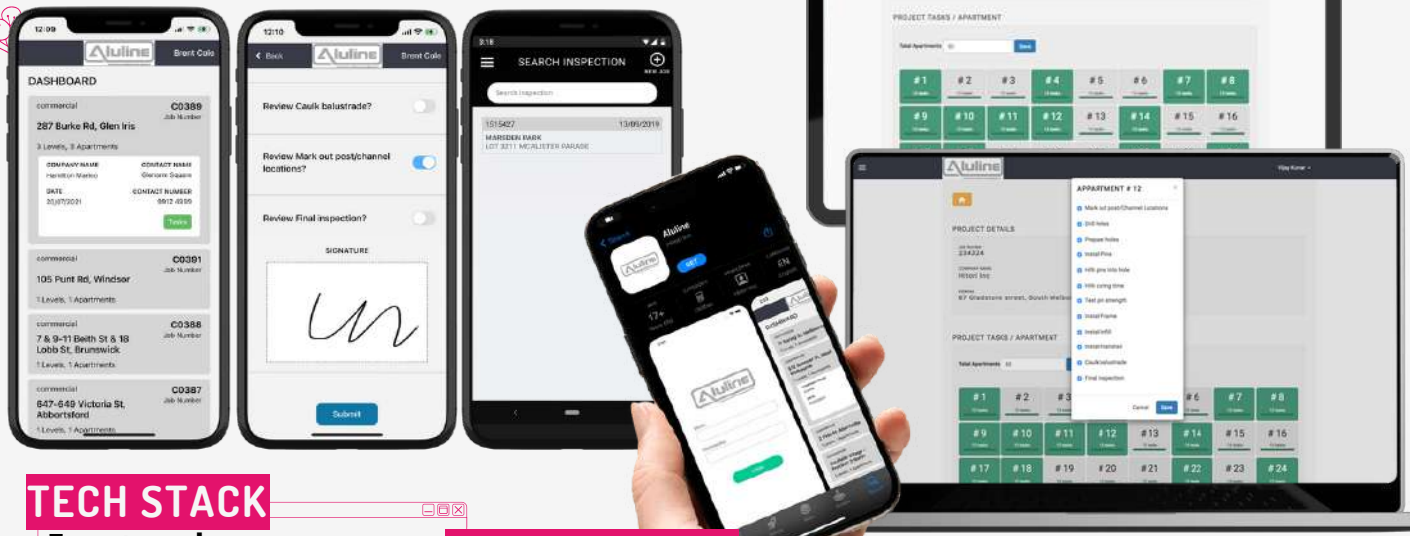
ALULINE QA PLATFORM

STREAMLINING QUALITY ASSURANCE FOR ARCHITECTURAL BALUSTRADE SYSTEMS

Aluline, a market leader with over 20 years of experience in architectural balustrade systems, provides high-quality products that meet Australian Standards. To maintain their commitment to quality and efficiency, Aluline partnered with Hitori to develop the Aluline QA Platform.

This platform comprises a web application for staff members and clients, and a mobile application for onsite QA staff, contractors, and installers. Hitori delivered the UX/UI design for both the web and mobile applications.

Enhancing Aluline's ability to deliver high-quality balustrade solutions by digitising and centralising their QA processes, the Aluline QA Platform streamlines processes, facilitating communication, documentation, and reporting.



TECH STACK

Front-end:

UX/UI Design: Hitori
React Native (Mobile App)
Ember.js (Web Application)

Back-end:

Python
Django (REST API)

Cloud Infrastructure:

AWS (DevOps & hosting)

KEY FEATURES

Cross-Platform Mobile Application (iOS and Android):

Enables onsite staff to efficiently conduct quality checks, capture photos, and record data in real-time.

Web Application: Provides a centralised hub for staff and clients to manage QA processes, access reports, and track project progress.

PDF Reporting: Generates professional, standardised reports.

Camera/Gallery Integration: Allows for easy uploading and management of visual documentation.

Client email automated reports.

YOULY

REVOLUTIONISING WOMEN'S HEALTHCARE WITH A 100% ONLINE DIGITAL PLATFORM

Youly is a pioneering digital health platform that's transforming the way women access healthcare. By offering a 100% online experience, Youly eliminates the need for time-consuming, awkward, or confronting in-person consultations. Youly's dedicated team provides access to essential treatments and prescriptions, all from the convenience and privacy of a patient's home. Recognising the need for accessible and discreet healthcare solutions, Youly, developed by Midnight Health, quickly gained traction, raising \$4 million in funding shortly after its initial MVP release.

Hitori played a crucial role in bringing Youly's vision to life by delivering a user-centric and intuitive digital experience. Hitori was responsible for the UX/UI design of the Youly platform, ensuring that it is both easy to navigate and visually appealing.

Youly is empowering women to take control of their health by providing a convenient, discreet, and accessible online healthcare solution. The platform addresses a critical need for accessible healthcare, particularly for women who may face barriers to traditional in-person services.



TECH STACK

Front-end: Ember.js
(Web Application)

Back-end: Python, Django
(REST API Development)

Key Integrations:

- ePrescribing
- HI Service API integration

Security and Compliance:

HIPAA compliance

Infrastructure: AWS
(DevOps & hosting)

KEY FEATURES & FUNCTIONALITY

Online Consultations: Patients can connect with healthcare professionals remotely, eliminating the need for in-person visits.

ePrescribing: Secure and convenient online prescription services.

Treatment Delivery: Discreet delivery of prescribed treatments directly to the patient's home.

Personalised Care: Tailored treatment plans and ongoing support.



THANKS

Please reach out with any questions. We're looking forward to working with you.