

Streamlining Realty Processes Digitizing Unit Booking and Brokerage Collection

Digitizing unit booking and brokerage collection through a hybrid mobile app for real estate agents.

Overview

- QBurst developed the **Agents app** using **React Native** to unify property data, automate bookings, and enable virtual tours.
- Integrated DocuSign, OCR, and Matterport for seamless digital verification, document automation, and immersive 3D experiences.
- Leveraged Google Firebase and CodePush for real-time updates, analytics, and rapid deployment.
- Delivered a cost-efficient, scalable platform improving productivity and user satisfaction for brokers and agencies.



Client Profile

Our client is a leading luxury property developer in the Middle East. Their portfolio comprises residential, commercial, and leisure properties across the UAE, Saudi Arabia, Qatar, Jordan, Lebanon, and the UK.

Challenges: Fragmented and Manual Processes

- Manual processes delayed unit bookings and brokerage settlements
- Agents lacked a unified view of available units, offers, and client interactions
- Physical site visits and document handling slowed down deal closures
- Disjointed systems across CRM and property listings impacted efficiency

Digitized Booking and Brokerage Platform for Realty

We engineered the Agents app—a cross-platform mobile solution built using React Native—to digitize booking workflows and improve agent productivity.

- **DocuSign** integration for digital agreements and verification during reservations
- **OCR (Azure AI Vision)** for automated document scanning and data extraction
- **Matterport** for 360° virtual property tours
- **WebSocket** for real-time updates on bookings and unit status
- **Drupal and WordPress CRM** integrations for centralized property data management
- **Google Firebase** for analytics, real-time data sync, and crash monitoring
- **CodePush** for instant over-the-air updates, ensuring seamless release cycles

Technical Highlights

- Built using **React Native** for rapid multi-platform delivery
- Leveraged **JavaScript** ecosystem for reusability and modularity
- Integrated Firebase **Crashlytics, Dynamic Links,** and **Realtime Database** for reliability and scalability
- Enhanced app performance through API optimization and reusable components
- OTA (Over-the-Air) updates enabled direct deployment without store reviews

Impact

- **50%** reduction in booking and verification time through automation
- **Improved user engagement** via virtual tours and real-time updates
- **30% faster development cycles** achieved using React Native
- **Significant cost efficiency** with single codebase deployment across platforms
- **Enhanced brand experience** for brokers and customers through a seamless digital interface.