

MarketMate Magento / Adobe Commerce — Flutter Mobile App

Product Deployment Proposal & Feature Blueprint

Prepared by: Associative

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Platform: Magento Open Source / Adobe Commerce

Supported Versions:

- Adobe Commerce (Cloud): 2.4 (current)
- Adobe Commerce (On-Premise): 2.4 (current)
- Magento Open Source: 2.4 (current)

Delivery model: Flutter mobile app (iOS & Android), native Adobe architecture, Custom Solution

License Type: Single-Entity, Non-Transferable, Non-Sublicensable Lifetime License for Internal Business Operations.

1. Executive Summary & Core Architecture

MarketMate is our completed, premium, fully native Flutter-based mobile e-commerce product ready to be deployed to transform your existing Magento 2.4 or Adobe Commerce platform into powerful iOS and Android apps. As an Adobe Silver Solution Partner, Associative is positioned to integrate and deploy this ready-made architecture natively, ensuring high performance, scalability, and zero third-party dependencies.

- **Bespoke UI Customization (No Generic Templates):** While the core MarketMate engine is fully developed and ready to deploy, we do not use generic templates or restrictive drag-and-drop builders for your final delivery. The front-end application is custom-tailored to match your exact business logic, user journeys, and brand identity.
- **Fully Native Single Codebase:** Built entirely on Flutter for a seamless native experience on both iOS and Android. This provides a unified, high-performance UI while significantly reducing long-term development costs.
- **Live Synchronization:** The app features real-time live synchronization. Any changes made to products, pricing, or content in the Magento 2 backend directly and instantly reflect on the mobile app.
- **Data Architecture:** The app leverages Magento's native GraphQL APIs for minimal payload and maximum speed, ensuring blazing-fast load times.
- **GDPR Compliant & Secure:** Built with strict adherence to GDPR guidelines to protect and control user data. Local device storage is used securely for session and app settings only.

2. Delivery & Strict IP/Legal Protections

- **Client Infrastructure Costs:** The client covers their Magento hosting and developer accounts (Apple App Store Connect and Google Play Console).

- **Deployment Timeline: 15 to 18 weeks** post-order finalisation — covers backend API setup, custom UI/UX design integration, payment configuration, quality assurance (QA), and app store publishing.

Legal Protections & Licensing

To protect the integrity of our source code and bespoke architecture, the project is governed by strict legal frameworks:

Measure	Description
Master Service Agreement (MSA)	A strict MSA will be drafted explicitly defining severe financial penalties for reverse engineering, code extraction, or unauthorized distribution of the application.
Source Code Ownership	Associative retains full intellectual property (IP) and source code ownership of the MarketMate core product.
EULA & App Store Licensing	Using Apple App Store and Google Play EULAs, the app is legally licensed solely for the client's specific brand and end-users. Repackaging, reselling, or white-labeling the application to third parties is strictly prohibited.
License Definition	Delivery is strictly classified as a <i>"Single-Entity, Non-Transferable, Non-Sublicensable Lifetime License for Internal Business Operations."</i>
Compiled Binaries	Clients receive the compiled .apk / .aab (Android) and .ipa (iOS) binaries exclusively for their own business use.
API Whitelisting & Obfuscation	Hardcoded, encrypted API tokens ensure the app can only communicate with the client's registered domain. Flutter binaries are heavily obfuscated to make reverse-engineering nearly impossible.

3. Core E-Commerce Features (Standard Baseline)

These foundational features are pre-built and driven natively through the Flutter-to-Magento GraphQL bridge.

- **Custom Interactive Homepage & UI:** A bespoke welcome screen leading to a highly intuitive dashboard. Custom-tailored sections include category carousels, featured products, hot deals, and promotional banners.
- **Comprehensive Catalog & Product Display:** Full support for simple, grouped, bundled, configurable, virtual, and downloadable products. High-resolution galleries, detailed descriptions, and complex variables.

- **Advanced Search Capabilities:** Text search (Like, Full Text, Combine), plus hands-free **Voice & Barcode Search**.
- **Checkout, Shipping & Payments:** Streamlined One-Page Checkout. Full support for default Magento 2 shipping methods and multiple secure payment gateways (PayPal, Bank Transfer, COD, phone orders, and custom payment APIs). Multi-currency supported natively.
- **User Account Management & Localization:** Standard email sign-up and social logins (Gmail, Facebook, Apple). Order tracking, returns, and multi-language/Right-to-Left (RTL) reading compatibility.
- **Push Notifications & Alerts:** Targeted push notifications for upcoming offers, discounts, and automated **Abandoned Cart Recovery**. Users can toggle notification preferences.

4. Advanced Enterprise Features (Adobe Commerce Exclusive)

These features maximise the value of your Adobe Commerce investment:

- **Adobe Sensei AI Integration:** Typo-tolerant Live Search and Machine Learning-driven "Frequently Bought Together" and "Trending" product recommendations.
- **B2B & Wholesale Suite:** Request for Quote (RFQ), Company Accounts (hierarchical approvals), custom negotiated pricing, shared catalogs, and Quick Order capabilities (CSV upload / SKU scan).
- **Omnichannel Fulfilment (MSI):** Store Locator & BOPIS (Buy Online, Pick Up In Store) with real-time inventory checking.
- **Loyalty & Retention:** Native display of Reward Points, Store Credit balances, and Digital Gift Card purchasing/management.

5. Future-Proof Mobile Innovations & AI

Leveraging the power of Flutter, Google AI, and native device hardware:

- **Machine Learning Visual Search:** Powered by Google Firebase's ML Kit (Image and Text detection).
- **Augmented Reality (AR):** Integrating ARKit (iOS) and ARCore (Android) to render 3D product models in-app and via Safari.
- **AI Size Calculation:** Smart features to help users calculate the right product size, reducing returns.
- **Offline / Low-Network Data Management:** Local Flutter databases intelligently cache previously viewed products and search history.
- **Biometric Authentication:** FaceID and TouchID integration for frictionless logins and payment authorizations.
- **Dynamic Deep Linking:** Push notifications route users instantly to a specific abandoned cart or product page.

6. Deployment & Integration Roadmap

1. **Backend & Sync Setup:** Magento/Adobe Commerce 2.4 environment configuration, GraphQL endpoints, and Live Synchronization mapping.
2. **UI/UX Customization & Scaffolding:** Bespoke wireframing, Flutter environment setup, and multi-language/RTL implementation.
3. **Feature Configuration & Integration:** Authentication setup, catalog sync, custom checkout flow branding, and payment/shipping gateways configuration.
4. **Search & AI Implementation:** Text, Advanced, Voice, Barcode, and Firebase ML Visual search setup.
5. **Adobe Commerce Exclusives:** Sensei AI, B2B workflows, MSI/BOPIS, and loyalty programs configuration.
6. **Future-Proof Innovations:** AR integration mapping, AI size calculation, Biometrics, and Offline mode setup.
7. **Testing & Deployment:** Rigorous QA, GDPR compliance verification, API whitelisting, and App Store/Play Store publishing.

7. Commercials: Pricing, Maintenance & Support

Based on the deployment and customization of our high-performance Flutter product integrated with Adobe Commerce/Magento (including AR, ML, and B2B workflows), the investment structure is outlined below.

1. Product License, Customization & Implementation

- **International Clients (Outside India):** \$35,000 — \$45,000 USD.
- **Domestic Clients (Within India):** ₹29,00,000 — ₹37,50,000 INR + 18% GST.
- *(Note: The exact final cost will be determined based on the precise complexity of your custom APIs, UI design requirements, and B2B workflows).*

2. Maintenance & Support (Year 1)

- **Cost: Included (1 Year Free Maintenance post-launch).**
- **Includes:** Bug fixes, OS compatibility updates (Apple/Google releases), and API synchronization maintenance.

3. Annual Update & Support Contract (Year 2 Onward)

- **Cost: 15% to 20% of the initial project cost per year.**
- **Includes:** Ongoing OS/platform compatibility updates, security patches, technical support, uptime monitoring, and minor UI optimizations.

8. Terms of Service & Policies

- **Payment Terms:**
 - **50% Advance Payment** required at project initiation.

- **50% Remaining Balance** due at the time of the final handover of app files and submission to the Apple App Store and Google Play Store.
- **Accepted Payment Modes:** We accept safe electronic bank payments including RTGS, NEFT, IMPS, UPI, PayPal, and International Bank Wire Transfers.
- **Cancellation & Refund Policy:** Due to the bespoke nature of the UI customization and the immediate allocation of engineering resources for integration, **once an order is initiated, it cannot be cancelled or refunded under any circumstances.**
- **Support SLA:** All technical support queries will be addressed within **72 hours during standard working days** via WhatsApp chat or Email.
- **Demo Policy:** Because our completed architecture is strictly customized and uniquely tailored to your specific business logic (no generic pre-built templates are delivered), **we do not provide product demos.**

9. Project Initiation & Onboarding

To generate your formal invoice, draft the MSA, and officially initiate the project, kindly provide us with the following details:

1. **Full Name:** (For generating the invoice and MSA).
2. **Company Name:** (If you require the invoice to be billed to your corporate entity).
3. **GST Number:** (If applicable, so Indian businesses can claim GST Input Tax Credit - ITC).
4. **Complete Postal Address:** (Your current business or residential address for sending legal documents and project files via courier).
5. **Mobile and WhatsApp Number:** (For regular work-related discussions, milestone updates, and support).
6. **Email ID:** (For sharing invoices, MSA/EULA contracts, important communications, and handing over the final project source code).

Ready to Start? Contact Us:

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