

ANNEX 1

Detailed Scope of Work

Flick MVP - iOS Application Development

October 8, 2025

1. Introduction

This document provides a comprehensive breakdown of all features, modules, and functionalities to be developed as part of the Flick MVP (Minimum Viable Product) for iOS platform, including all additional features requested by Good Monkeys LLC. This annex forms an integral part of the Application Development Agreement between Good Monkeys LLC and CodeFlow Studios.

1.1 Project Scope

Platform: iOS (iPhone and iPad compatible)

Development Framework: Flutter or React Native (cross-platform capable, optimized for iOS)

Backend: Node.js with Express.js framework

Database: Supabase or Firebase (cloud-hosted, scalable)

Cloud Infrastructure: AWS, Vercel, or Google Cloud Platform

Note: Android development is excluded from this MVP scope. Focus is exclusively on iOS platform delivery.

2.1 Enhanced QR Code Scanning & Lighter Registration

Purpose: Enable users to scan QR codes using native iOS camera and provide comprehensive web-based fallback system.

Features:

- Native iOS Camera Integration: Users can scan QR codes directly using their phone's native camera app
- Deep Linking: If app is installed, QR scan opens app directly to relevant screen
- Web Fallback System: If app not installed, QR opens web page with notification-style interface
- Smart Routing Logic: Registered lighter shows return/claim options, unregistered shows download prompt
- In-App QR Scanner: Available for registered users within the app
- Unique lighter ID generation and validation
- Photo capture functionality to document the lighter
- Duplicate detection to prevent multiple registrations

2.2 Ownership History Tracking

Purpose: Allow users to view the ownership chain of lighters while respecting privacy preferences.

Features:

- Ownership chain tracking in database schema
- Privacy-respecting display (only public profiles shown)
- Clean timeline view: "X → A → B → You"
- Optional privacy settings for each user
- Integration with existing trade/lost & found workflows
- View previous owners' publicly shared details
- Privacy controls to remain anonymous in ownership history

2.3 Smart Location Update System

Purpose: Proactively track lighter locations through user-friendly notifications.

Features:

- Smart push notifications asking "Is your lighter with you?"
- One-tap responses (Yes/No)
- Automatic location updates when user confirms
- Follow-up "Is it lost?" flow for missing lighters
- Non-intrusive frequency (max 1-2 prompts per week)
- Respects user privacy and battery life
- Location-based lighter tracking

2.4 Landing Website for goodmonkeys.com

Purpose: Single-page marketing website (complimentary deliverable).

Features:

- Company Section: About Good Monkeys LLC, mission, team
- Flick App Section: App introduction, features showcase, download buttons
- Contact Form: Professional contact system with email forwarding
- Responsive Design: Mobile-optimized for all devices
- SEO Optimized: Ready for search engine visibility
- Integrated Experience: Seamless flow between company info and app promotion

3. Enhanced Database Schema

The following tables will store all data for the Flick MVP application:

Table Name	Key Fields	Purpose
users	user_id, email, username, avatar_url, created_at, points_level, privacy_settings	Stores user profiles, settings and preferences
lighters	lighter_id, qr_code, owner_id, brand, color, photo_url, status, registered_data, current_location	Stores registered lighter data and location
ownership_history	history_id, lighter_id, previous_owner_id, new_owner_id, transfer_date, transfer_type	Tracks transfer changes and transfers
location_updates	location_id, lighter_id, user_id, latitude, longitude, timestamp, is_tracked	Stores location tracking data and updates
qr_web_sessions	session_id, qr_code, user_agent, ip_address, action, device_type	Tracks QR web sessions and sessions
trades	trade_id, requester_id, owner_id, lighter_offered_id, lighter_requested_id, status, created_at	Manages trade requests and history
lost_found	report_id, lighter_id, reporter_id, status, description, last_location, reported_at	Tracks lost and found lighters
messages	message_id, sender_id, recipient_id, content, timestamp, read_status	Instant messaging system
achievements	achievement_id, user_id, badge_type, earned_at	Store user achievements and badges
notifications	notification_id, user_id, type, content, read_status, created_at	Push notification records