ANNEX 1 - UPDATED

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, last_login, preferences	Stores user registration and profiles
lighters	lighter_id, qr_code, owner_id, brand, color, photo_url, status, registered_at, location	Store registered lighter data and location
ownership_history	history_id, lighter_id, previous_owner_id, new_owner_id, transferred_at, transfer_type	Track ownership transfers
location_updates	location_id, lighter_id, user_id, latitude, longitude, timestamp, status	Store location tracking data and updates
qr_web_sessions	session_id, qr_code, user_agent, ip_address, action, timestamp	Track QR web interactions and sessions
trades	trade_id, requester_id, owner_id, lighter_offered_id, lighter_requested_id, status, created_at	Manage trade requests and status
lost_found	report_id, lighter_id, reporter_id, status, description, created_at	Track lost and reported lighters
messages	message_id, sender_id, recipient_id, content, timestamp, read_status	In-app 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	Create notification records

4. Additional Features Summary

All requested features have been integrated into the MVP scope:

- Enhanced QR code scanning with native iOS camera integration

- Web-based fallback system for non-app users
- Smart location tracking with push notifications
- Ownership history tracking with privacy controls
- Enhanced landing website with company branding
- Future-ready architecture for social features

This document forms Annex 1 of the Application Development Agreement between Good Monkeys LLC and CodeFlow Studios, dated October 8, 2025.