

Mobile Application Documentation – Qanouny (Legal Consultation App)

1. Project Overview

App Name: Qanouny – Legal Consultation App

Idea: A mobile application that allows users to connect with professional lawyers, book legal consultations, and chat securely with legal experts.

Target Audience: Individuals or businesses seeking legal advice quickly and easily.

Platform: Android & iOS

Goal: To provide a simple, secure, and reliable platform for users to access trusted legal consultations anytime, anywhere.

2. Project Planning

- Define app goals and scope.
- Identify main features: lawyer directory, booking consultations, in-app chat, online payment, and case tracking.
- Timeline: Research → Design → Development → Testing → Launch.
- Team Roles: Project Manager, UX/UI Designer, Backend Developer, Mobile Developer, QA Tester.

3. Stakeholder Analysis

Stakeholder	Role	Interest	Influence	Communication
Client	App Owner	High	High	Weekly Meeting
Developer	Build and maintain the app	High	Medium	Slack / Email
Designer	Create UX/UI design	High	Medium	Figma Comments
User	End Customer	High	Low	In-App Feedback

4. Database Design

Example Tables:

Users: (user_id, name, email, password, phone, location)

Lawyers: (lawyer_id, name, specialization, rating, experience_years, bio, availability)

Consultations: (consultation_id, user_id, lawyer_id, date, time, status, type)

Chats: (chat_id, consultation_id, sender_id, message_text, timestamp)

Payments: (payment_id, consultation_id, amount, payment_method, status, transaction_date)

5. UI/UX Design

- Define app flow (Splash → Login → Home → Lawyer List → Lawyer Profile → Booking → Chat → Payment → Feedback).
- Create wireframes and prototypes in Figma.
- Use a modern and professional color palette (blues, greens, and neutral tones for legal trust).
- Ensure clean typography and consistent spacing.
- Optimize for both Arabic (RTL) and English (LTR) layouts.
- Focus on intuitive navigation and accessibility.

6. Technical Details

- **Framework:** Flutter (cross-platform).
- **Backend:** Firebase / Node.js.
- **Database:** Firestore / MySQL.
- **APIs:**
 - Google Maps API for lawyer locations.
 - Payment Gateway API for online transactions.
 - Notification API for reminders and messages.
- **Version Control:** GitHub (for code management).

7. Testing & Deployment

- Unit testing for backend and authentication logic.
- UI testing on both Android and iOS devices.
- Beta testing with selected users (lawyers and clients).
- Deployment to Google Play Store and Apple App Store.
- Collect feedback for improvements and new features.