

1. Overview

This document outlines the cost estimate, development timeline, and scope of work for the frontend development of the QR Code Payment Mobile App. The development will be done using Flutter and will support both Android and iOS platforms.

2. Scope of Work

Frontend implementation for the following features:

- **Intro/Splash Screen** (with animation and background design if required)
- **Authentication/Login Screen** (with role selection)
- **Role-based Dashboards:**
 - Admin: Generate QR codes
 - Customer: View QR + transaction history
 - Counter Staff: Scan QR + deduct amount
- **QR Code Scanning & Generation Integration**
- **State Management** using Provider
- **Theming and UI Styling** using Poppins font and brand colors
- **Secure Token Handling**
- **API Integration Layer** (based on provided backend)

3. Cost Estimation

Description	Cost (INR)
UI Design & Theme Setup	₹5,000
Intro & Login Implementation	₹5,000
Role-based Dashboards	₹10,000
QR Scanning & Generation	₹5,000
API Integration	₹7,000
Final QA, Debug, Build Delivery	₹3,000
Total Estimated Cost	₹35,000

Note: This is a fixed cost. If any extra features or revisions beyond the original scope are needed, additional cost will apply.

4. Tools & Technologies

- **Flutter 3.19+**
- **Dart 3.x**
- **State Management:** Provider
- **Secure Storage:** flutter_secure_storage
- **QR Code Handling:** qr_flutter, mobile_scanner
- **Google Fonts (Poppins)**

5. Deliverables

- Complete Flutter project source code
- Android build (APK)
- iOS build support (Xcode-ready)
- Installation & run instructions

6. Developer Queries / Pending Clarifications

Please provide clarity on the following:

1. Will you provide API documentation or Postman collection?
2. Are UI designs already finalized or do you expect developer-designed UI?
3. Should CSV export or PDF generation be handled on frontend?
4. Who will publish the app to the Play Store / App Store?

Please review and confirm the scope, timeline, and budget. Once confirmed, development will begin immediately.

Regards,

Mayur Vishwakarma

Flutter Developer