Build a mobile application for businesses to:

- Log transactions using **OCR from images**
- Maintain inventory and credit records
- Enable **daily summaries** and **WhatsApp-based notifications**
- Run as a **local-first**, secure, privacy-respecting system
- Market as a **SaaS platform** with multi-device and multi-tier support

- **DB**: SQLite / WatermelonDB (encrypted)

- **OCR**: MLKit via `react-native-vision-camera`
- **Secure Storage**: `react-native-keychain` / MMKV
- **Background Tasks**: `react-native-background-fetch`
- **Notifications**: Twilio or WhatsApp Business API
- **Sync**: API-based or local P2P
- **API Layer**: FastAPI (async, RESTful)
- **Admin**: Django (for prototyping and management)
- **ORM**: Django ORM
- **DB**: Linode Managed PostgreSQL
- **Storage**: Linode Object Storage (S3-compatible)
- **Platform**: Linode (Docker Compose)
- **Free-tier Tools**: Cloud Run / Azure Functions (optional lightweight jobs)
- **Monitoring/Backup**: Uptime Kuma / CronJobs
- ---
- 1. Multi-tier subscriptions (device/txn limits, backup retention)
- 2. WhatsApp customer notifications
- 3. Inventory system
- 4. GST-compliant billing and invoicing