

# Proposal for Android Focus & Planning App Development

---

## 1□ Approach

- **Offline-first & privacy-focused:** All data (tasks, timers, rewards, settings) stored locally on device. No backend or login required.
  - **Minimal AI usage:** On-demand button trigger only. Features:
    1. Break large tasks into smaller steps
    2. Estimate time per step
    3. Generate daily schedule ("Plan My Day")
  - **Hybrid logic system:**
    - Offline: tasks, timers, rewards, energy tags, reminders
    - AI: planning/breakdown features only
  - **Cost-efficient:** AI results cached locally to reduce repeated API calls
  - **Simple & accessible UI:** Black & white, large buttons & text, minimal clutter, calm & predictable layout, accessibility-first
  - **BLoC state management:**
    - Predictable, maintainable state
    - Clear separation of UI & business logic
    - Easy offline + AI integration handling
- 

## 2□ Technology Stack

Layer	Technology / Tool
Frontend	Flutter (Android only)
State Management	BLoC (flutter_bloc)
Local Storage	Hive / Isar (tasks, timers, rewards, AI cache)
Settings / Preferences	SharedPreferences
AI Integration	OpenAI API (on-demand)
Monetization	Google Play Billing (£2/month unlock)
UI	Flutter widgets, black & white, large text/buttons, no animations
Version Control	Git / GitHub
Testing	Flutter unit & integration tests (offline + AI scenarios)

---

### 3□ Timeline & Milestones (3 Weeks)

W

e

e

k Tasks / Milestone

---

**W** - Wireframe review & app architecture setup- BLoC setup for tasks, timers, planner  
**e** view- Offline DB & caching structure- Core offline features (tasks CRUD, timers,  
**e** planner view, rewards, energy tags)  
**k**

1

**W** - AI integration: OpenAI API, task breakdown, "Plan My Day"- Local caching for AI  
**e** results- Rewards & energy tag logic implementation- Basic UI polish  
**e**  
**k**

2

**W** - Subscription & monetization (£2/month unlock)- UI final polish: black & white, large  
**e** buttons/text, minimal clutter- Testing offline + AI, bug fixes, performance optimization  
**e**  
**k**

3

#### **Deliverables after 3 weeks:**

- Fully functional offline-first Android app
  - On-demand AI planning feature working
  - Free + subscription logic implemented
  - Clean, accessible, minimal UI
- 

### 4□ Cost

#### **Proposed Budget: \$700 USD**

Includes:

- MVP with offline-first core features
  - AI integration + caching
  - Subscription logic
  - UI polish & accessibility
  - BLoC state management for predictable app flow
  - Testing offline + AI
-

## 5□ Summary

This plan provides an **efficient, privacy-focused, offline-first Android app** with **on-demand AI planning**, built using **BLoC for maintainable state**, delivered in **3 weeks** for **\$700 USD**.