Proposal for Android Focus & Planning App Development

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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

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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)

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3 Timeline & Milestones (3 Weeks)

Week	Tasks / Milestone
Week 1	- Wireframe review & app architecture setup- BLoC setup for tasks, timers, planner view- Offline DB & caching structure- Core offline features (tasks CRUD, timers, planner view, rewards, energy tags)
Week 2	- AI integration: OpenAI API, task breakdown, “Plan My Day”- Local caching for AI results- Rewards & energy tag logic implementation- Basic UI polish
Week 3	- Subscription & monetization (£2/month unlock)- UI final polish: black & white, large buttons/text, minimal clutter- Testing offline + AI, bug fixes, performance optimization

Deliverables after 3 weeks:

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

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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**.