

# CoachMe App Summary

## WHAT IT IS

CoachMe is a SwiftUI iOS app for personal AI coaching through a chat-first experience. It uses Supabase for auth/data, streams assistant responses from Edge Functions, and keeps local SwiftData cache for offline continuity.

## WHO IT IS FOR

Primary persona (inferred from WelcomeView text and domain config files): people who want ongoing coaching support across life, career, relationships, mindset, leadership, creativity, and fitness.

## WHAT IT DOES

- Sign in with Apple authentication with session restore and Supabase-backed user identity.
- Real-time streaming chat (SSE) with conversation history persistence.
- Voice-to-text message input using Speech and microphone permissions.
- Context profile setup/editing plus extracted insights from conversations.
- Conversation list/history with local cache and automatic sync when connectivity returns.
- Safety flow with crisis signal detection and in-app crisis resource sheet.
- RevenueCat-based trial/subscription gating and personalized onboarding paywall flow.

## HOW IT WORKS (ARCHITECTURE)

- Client: SwiftUI app (RootView, ChatViewModel, services) talks to Supabase Auth and Postgres via Supabase Swift SDK.
- Chat path: ChatViewModel -> ChatStreamService -> /functions/v1/chat-stream (SSE) -> shared modules (context-loader, domain-router, prompt-builder, llm-client) -> model provider -> streamed tokens back to iOS.
- Data path: ConversationService and ContextRepository read/write tables such as users, conversations, messages, context\_profiles, push\_tokens, and scheduled\_reminders (per migrations/README).
- Reliability/push path: OfflineCacheService + OfflineSyncService handle local cache/conflict sync; push-trigger orchestrates reminders and calls push-send, which delivers through APNs.

## HOW TO RUN (MINIMAL)

1. Copy Config.xcconfig.template to Debug.xcconfig and Release.xcconfig, then fill SUPABASE\_URL, SUPABASE\_PUBLISHABLE\_KEY, and REVENUECAT\_API\_KEY.
2. Open CoachMe.xcodeproj in Xcode, select the CoachMe scheme (Debug), and run on an iOS simulator or device.
3. For new backend environments, Supabase/README indicates linking your project and running: supabase db push.
4. Full local Supabase Edge runtime bootstrapping steps: Not found in repo.