

AI-Driven Adult Virtual Companionship Platform (PWA, Image/Video Generation, Voice, Dual AI Agents)

1. Introduction

I am looking for a developer or team to customize an open-source AI companion/AI girlfriend platform (with commercial license) to my specifications, or develop it using existing modules. The platform must support scalable image, video, chat, and voice interactions with AI characters, and include a dual-agent system where one AI interacts with users (Agent #1) and another AI monitors, analyzes, and improves the first (Agent #2), with admin approval before applying changes.

Existing Website Sample:

<https://candy.ai/>

GitHub Clone with MIT License

<https://github.com/xploitstech/candy-ai-clone>

Demo:

<https://ccandyat.vercel.app/>

2. Platform Type

- * Progressive Web App (PWA) for desktop and mobile browsers
- * Responsive design and mobile-optimized UI/UX
- * Installable PWA (add to homescreen)
- * 100% browser-driven, no native mobile app
- * Scalable architecture to support at least 2,000 concurrent image/video generation jobs

3. Core Features

- * User registration and login
- * Subscription system (monthly plans) and credit-based system
- * My own payment gateway integration (already available)
- * AI character marketplace (free, premium, exclusive)
- * AI character creation by users (name, appearance, mood, personality, gallery)
- * NSFW image and short video generation via API (uncensored)
- * Gallery for each user to store unlocked/generated media
- * Chat with AI characters (roleplay, context memory, multi-language)
- * Real-time AI voice calls with characters (WebRTC + TTS/STT)
- * Content moderation and admin review tools
- * Daily login rewards, streaks, and gamified elements (optional)

4. Dual AI Agent System

- * Agent #1:
 - * User-facing AI for chat and voice calls
 - * Personalized conversation memory and adaptive roleplay
 - * Integrates with NSFW image/video generation API for content requests
- * Agent #2:
 - * Monitors all Agent #1 conversations and performance
 - * Analyzes user behavior, sales opportunities, and engagement quality
 - * Generates reports and improvement suggestions for upsells, retention, and addictiveness
 - * Changes are only applied to Agent #1 after admin approval via the dashboard
 - * Has its own knowledge base for strategy optimization

5. API Integrations

- * Promptchan.com (or similar) for NSFW image and short video generation
- * My own AI chat/voice API for Agent #1

- * Supervision & analytics API for Agent #2
- * Real-time TTS/STT provider that allows NSFW content
- * All APIs must be modular and replaceable

6. Admin Panel

- * Manage users, subscriptions, credits, and payments
- * Full control over AI characters and content
- * Approve/decline Agent #2's suggestions
- * Conversation logs for quality review
- * Analytics dashboard for sales, engagement, churn, and content generation
- * Role-based access (admin, moderator)

7. Security & Privacy

- * GDPR-compliant data handling
- * Encrypted communication (E2EE where possible)
- * Secure storage for media (S3 + CDN with signed URLs)
- * Age verification before explicit content access
- * Regional content restriction filters

8. Technical Requirements

- * Full source code with commercial usage rights
- * Well-documented codebase and setup instructions
- * Optimized for high concurrency (2,000+ simultaneous jobs)
- * Queue and retry system for API calls (rate limiting, backoff)
- * Failover routing between multiple media generation providers
- * Compatible with scalable hosting (AWS, GCP, or similar)

9. Monetization

- * Subscription tiers
- * Credit packs for additional content
- * Premium/limited edition characters
- * Pay-per-image/video unlocks
- * Optional digital gifts with credit cost

10. Developer Checklist – Please Confirm Yes/No for Each

1. Can you work with an open-source base that has a commercial license?
2. Can you integrate my existing payment gateway?
3. Can you implement both Agent #1 (chat/voice) and Agent #2 (supervisor/analytics)?
4. Can you build/install WebRTC with TURN for real-time calls?
5. Can you integrate Promptchan.com (or similar) for NSFW image/video generation?
6. Can you set up a vector knowledge base for both agents?
7. Can you build an admin panel with the described features?
8. Can you ensure GDPR compliance and age verification?
9. Can you make the platform scalable for 2,000 concurrent users generating content?
10. Will you deliver full source code with documentation?

11. Budget & Payment

- * One-time payment: \$800 max \$1000
- * 50% upfront and the rest upon completion
- * No subscription or hidden fees after delivery