

Launch Guide: English Dictionary Web

SYSTEM OVERVIEW:

Frontend: React (Vite)

Backend: Django (PostgreSQL + Redis + Celery)

Audio: AWS S3

AI Tools: OpenAI (AskGPT), ElevenLabs (optional)

Realtime: Firebase (Chat, Live Classroom)

Mobile: React Native base (App.js)

FEATURES ENABLED:

- AskGPT + Dictionary fallback
- Realtime ChatRoom via Firebase
- Live Classroom online status
- Quizzes with XP + badge scoring
- Leaderboard + Admin Panel
- Stripe Checkout enabled (toggle)
- Speech Recognition (Web Speech API)
- Firebase Analytics logging
- Admin dashboard controls every tool

SETUP CHECKLIST:

- [] Domain connected via Vercel
- [] Backend deployed on Railway (with Redis plugin)
- [] Vercel frontend root = /frontend
- [] .env uploaded to both Railway and Vercel
- [] Firebase database + analytics enabled
- [] Stripe test mode keys added to .env
- [] analytics_enabled, stripe_enabled, speech_enabled = true in ai_tools_config.json

LAUNCH TIPS:

- Use Firebase to track user activity by day
- Use Stripe to offer classroom access or quiz packs
- Use Admin Panel to instantly turn off any feature
- Start with free version, then upsell premium tools

YOU ARE READY TO LAUNCH