

KaizenEdge – Next Steps Checklist (Starting with Stripe)

Prepared: August 27, 2025

A. Prerequisites (Today)

- Confirm Input Taxonomy v1 artifacts committed and tagged (v0.1-input-taxonomy).
- Ensure repo pre-commit guardrail eval is green.
- Decide pricing model for launch: Free tier + Paid monthly/annual; optional one-time cookbook.

B. Stripe Account Setup (Tomorrow)

- Go to <https://dashboard.stripe.com/register> and create KaizenEdge account (business details).
- Enable Test Mode; note the Publishable Key and Secret Key.
- Add a bank account for payouts (can do later in live mode).
- Create Products & Prices: Lifestyle Subscription (Monthly, Annual); Optional: Personalized eBook (one-time).
- Create Webhook endpoint placeholder URL (we'll wire it after backend route exists).

C. Backend Wiring (API + Webhooks)

- Store STRIPE_SECRET_KEY in env (.env.local or keychain), and STRIPE_PUBLISHABLE_KEY for client.
- Implement POST /api/checkout/session → creates Checkout Session for selected price.
- Implement webhook /api/stripe/webhook → verify signature; on checkout.session.completed → mark user active.
- Persist customer.id and subscription status in database (user table).
- Add idempotency keys and structured audit logs (timestamp, user_id, price_id, event type).

D. Frontend (Web & App)

- Expose Publishable Key to client; keep Secret Key server-only.
- Add 'Go Pro'/'Subscribe' buttons that call /api/checkout/session and redirect to Stripe Checkout.
- Add post-payment return route (/billing/success | /billing/cancel).
- Show subscription status in Settings (from server).

E. Compliance & QA

- Test mode payment flows end-to-end with test cards.
- Log and sign audit events: creation of sessions, webhooks received, status transitions.
- Add negative tests: declined card, webhook replay (signature must fail), canceled checkout.
- Prepare 'go live' checklist: switch to Live keys, rotate secrets, enable live webhook, real bank account.