

ActionKeeper â Poker Staking Agreement MVP

WHAT IT IS

ActionKeeper is a mobile-first poker staking agreement generator built for revenue-first delivery. It produces paid, tamper-evident receipts so backers and players share a neutral proof of terms.

WHO IT'S FOR

Poker backers and stakers who need lightweight, verifiable contracts without custodial funds or heavy compliance overhead.

WHAT IT DOES

- Guided contract builder captures structured staking terms through FastAPI create/list/retrieve endpoints.
- Deterministic hashing plus /api/v1/verify deliver tamper-evident receipts with QR-ready payloads.
- PDF artifact pipeline stores shareable agreements with embedded hash and verification URL.
- Stripe-style checkout flow enforces a paid payment_id before agreement creation and validates webhooks.
- Repositories/services persist payment linkage so vault/list APIs only expose paid contracts.
- Dockerized Next.js frontend and FastAPI backend provide the mobile-first poker staking surface.

HOW IT WORKS

- Frontend: Next.js App Router mobile-first UI calls the API via NEXT_PUBLIC_API_URL.
- Backend: FastAPI layers routers, services, repositories, and SQLAlchemy models in backend/app.
- Database: Postgres via SQLAlchemy with auto-run Alembic migrations when docker compose up executes.
- Flow: Contract input â POST /payments/checkout â webhook confirmation â POST /agreements â PDF artifact + hash served for verification.

HOW TO RUN

1. Copy .env.example to .env and set NEXT_PUBLIC_API_URL, VERIFY_BASE_URL, STRIPE_WEBHOOK_SECRET, and API_TOKEN.
2. Run 'docker compose up --build db backend frontend' to start Postgres, FastAPI, and Next.js.
3. Open <http://localhost:3000> for the UI and confirm the API at <http://localhost:8000/api/v1/health>.
4. POST /api/v1/payments/checkout, confirm via /api/v1/payments/webhook, then POST /api/v1/agreements with the paid payment_id to generate the PDF artifact.