

Lanari Candle - mini shop API

One-page repo summary (Feb 3, 2026)

What it is

FastAPI-based mini e-commerce backend plus static admin/landing for the Lanari Candle storefront.

Who it's for

Indie maker or small-shop developer needing a lightweight cart/checkout API.

What it does

- Product catalog CRUD with active flag and customer-safe soft delete.
- Session-aware cart via cookie token; add/update/remove items and totals.
- Checkout turns cart into order snapshot with idempotency guard against double submit.
- JWT auth: register/login/me, bcrypt hashing, bearer-protected routes.
- Mock payment confirmation endpoint updating order and payment statuses.
- Admin API for products/orders + static /admin page; serves media uploads under /static.

How it works

- FastAPI app mounts routers for products, cart, orders/checkout, auth, media, admin, payments.
- Data: SQLAlchemy models + Alembic migrations; SQLite via settings.database_url.
- Security: JWT (HS256) using secret_key from .env; HTTP bearer dependency + admin guard.
- Static/frontend: uploads in app/static/uploads served at /static; demo UI in frontend/index.html hitting /api.

How to run

- 1) Create venv & deps: `python3 -m venv .venv && source .venv/bin/activate && pip install -r requirements.txt`.
- 2) Initialize DB: alembic upgrade head (uses SQLite file local.db by default).
- 3) Start API: `uvicorn app.main:app --reload` (`http://localhost:8000`).
- 4) Open UI: load frontend/index.html locally; admin dashboard at `http://localhost:8000/admin`.