

Procon App Summary

What It Is

Procon is a Next.js web app that guides people through a structured decision-making flow and uses AI to generate clarifying questions plus pros/cons analysis.

Who It Is For

People weighing a yes/no choice or two-option decision who want structured, AI-assisted guidance.

What It Does

- Choose a decision type: yes/no or two-option.
- Capture dilemma text and, for two-option decisions, option names.
- Generate 2-5 clarifying questions via the Hugging Face model.
- Collect answers and store them in Supabase.
- Produce initial pros/cons analysis from the answers.
- For two-option decisions, generate a final side-by-side comparison.
- Persist decisions, questions, answers, and analyses in Supabase.

How It Works

- Next.js App Router UI with step screens in components/screens rendered by app/page.tsx.
- Client state managed by DecisionProvider context in lib/decision-context.tsx.
- API routes in app/api/decisions handle create, answers, analyze, and final-analysis.
- Supabase stores tables defined in scripts/001_create_decisions_table.sql.
- Hugging Face router (Qwen2.5-7B-Instruct) generates questions and analyses.
- Data flow: UI -> API routes -> Supabase/Hugging Face -> API response -> UI.

How To Run

- Install dependencies: pnpm install (or npm install).
- Set .env.local with NEXT_PUBLIC_SUPABASE_URL, NEXT_PUBLIC_SUPABASE_ANON_KEY, HUGGINGFACE_API_KEY.
- Run scripts/001_create_decisions_table.sql in your Supabase project.
- Start the dev server: pnpm dev (or npm run dev) and open <http://localhost:3000>.