

SignalForge (Reddit Pain Point Scanner)

What it is

SignalForge is a lightweight web app that scans Reddit and X for pain points and explicit app or tool requests.

It turns matches into SaaS idea briefs with mention counts and source evidence.

Who it's for

Founders and product builders who want SaaS idea briefs sourced from social discussions.

What it does

- Workspace-based authentication for solo or team use.
- Reddit scanning with configurable subreddits and optional comments.
- X connector with keyword queries (recent search).
- Optional Bluesky and Mastodon connectors.
- Idea clustering with mention counts and willingness-to-pay signals.
- Evidence table with source links, plus filters, sorting, and scheduled scans.

How it works

- FastAPI app (app/main.py) serves Jinja2 templates, static assets, and session auth.
- Scan modules call external APIs (Reddit, X, Bluesky, Mastodon) to collect posts.
- Background scheduler runs scans and writes results to SQLite (data/app.db) via app/db.py.
- Results saved to scans, scan_results, and idea_summaries tables and rendered in the UI; CLI reddit_scan.py can output CSVs.

How to run

- Create API credentials for Reddit and X; optional Mastodon token.
- Copy .env.example to .env and fill in keys.
- Install deps: pip install -r requirements.txt.
- Start: uvicorn app.main:app --reload then open <http://127.0.0.1:8000>.