AgeCalc App Summary (One Page)

What It Is
AgeCalc is a Flask web app for age-related calculators, mini-games, and blog pages.
It serves server-rendered pages with Jinja templates plus client-side JavaScript tools.

Who It Is For
Primary persona: Not found in repo (no explicit persona document).
Inferred from templates/content: Korean-language users who need practical age calculations.

What It Does (Key Features)
- Calculates international age from date input (solar and lunar input support).
- Provides pet age conversion pages for dogs and cats.
- Provides baby month-age and parent-child age relation calculators.
- Includes mini-games (snake, tic-tac-toe, rock-paper-scissors, number guess).
- Exposes blog list/detail pages with pagination for published posts.
- Tracks snake scores via a JSON file and returns daily ranking metadata.
- Adds security headers/CSP and includes analytics/ads integrations in templates.

How It Works (Repo-Evidenced Architecture)
- HTTP flow: Browser -> Flask routes in app.py -> Jinja templates/static JS/CSS -> response.
- Age logic: /age route -> AgeController -> AgeCalculator; lunar input converts via KoreanLunarCalendar.
- Data layer: SQLAlchemy engine/session in db.py; DATABASE_URL sets DB, default is SQLite data/app.db.
- Blog domain: models/blog_models.py defines FeedSource, FeedItem, GeneratedPost, PostSource tables.
- Background ingestion: scripts/rss_blog_scheduler.py fetches RSS/Atom and creates draft/published posts.
- Snake score service: /snake-score uses file-backed storage (data/snake_scores.json) with thread lock.

How To Run (Minimal Getting Started)
1. python3 -m venv .venv && source .venv/bin/activate
2. pip install -r requirements.txt
3. Optional DB override: export DATABASE_URL="mysql+pymysql://USER:PASSWORD@127.0.0.1:3306/agecalc?charset=u
4. python app.py, then open http://localhost:8000

Source basis: readme.md, app.py, db.py, controllers/age_controller.py, models/blog_models.py, scripts/rss_blog_scheduler.py