

Project Structure Overview

SeniorProjectAI/Always

Frontend (Flutter)

- lib/ — main Flutter source
- lib/main.dart — app entrypoint
- lib/routes.dart — shared routing
- lib/app_state.dart — shared app state
- lib/pages/ — UI pages (dashboard, home, settings, profile, notifications)
- lib/features/ — feature modules (case, login)
- lib/theme/ — theme helpers (glass.dart)
- assets/ — images, mock credentials, bundled models
- test/ — Flutter tests
- platform folders — android/, ios/, web/, macos/, linux/, windows/

Backend (FastAPI + PyTorch)

- backserver/ — backend service root
- backserver/back.py — FastAPI entrypoint
- backserver/config.py — configuration
- backserver/schemas.py — API/data schemas
- backserver/model.py — model loading/inference helpers
- backserver/storage/metadata.jsonl — runtime metadata output
- backserver/storage/ — stored assets (images, metadata)

Shared/Root Files

- pubspec.yaml / pubspec.lock — Flutter deps and asset declarations
- analysis_options.yaml — lint rules
- README.md and supporting docs — usage notes