CONFIGURATION

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Overview

Configuration is done via environment variables in `.env`.
Use `.example.env` as the template.

This project uses **three Postgres databases**:

- App DB (Prisma): participants, surveys, chat logs, etc.
- LangGraph checkpoint DB: agent state/checkpoints (schema-separated per agent)
- Dataset DB (ESG): read-only analytical source queried by the assistant

App secrets

- AUTH_SECRET
  Used for authentication/session signing (management login + study session tokens).

Optional third-party keys

- OPENAI_API_KEY
  Required for LLM calls used by the agents.
- TAVILY_API_KEY ("deprecated")
  Only required if you run the dev-only `tavilyAgent`.

LangGraph checkpoint database

- LANGGRAPH_POSTGRES_URL
  Connection string for the checkpoint DB.

- LANGGRAPH_POSTGRES_SCHEMA_TAVILY
  Schema used by `tavilyAgent` to avoid collisions.
- LANGGRAPH_POSTGRES_SCHEMA_DATA_AWARE
  Schema used by `dataAwareLLMSystem` to avoid collisions.
- LANGGRAPH_DEFAULT_MODEL
  Default model identifier used by agents unless overridden.

App database (Prisma)

- DATABASE_URL
  Connection string for the app DB.

Notes:

- This DB stores the study structure for reproducibility (tasks + surveys), participants, timestamps/metrics, transcripts, and minimal tool-call logs.

Dataset database (ESG)

- DATASET_POSTGRES_URL
  Connection string for the dataset DB.
- DATASET_SQL_MAX_ROWS
  Safety/performance limit (max rows returned).
- DATASET_SQL_STATEMENT_TIMEOUT_MS
  Query timeout for dataset SQL tool execution.

Mail (optional)

If SMTP variables are set, the system can send mails (e.g. unlock flows).
If not set, the app should fallback to logging.

- SMTP_HOST
- SMTP_PORT
- SMTP_SECURE
- SMTP_USER
- SMTP_PASS
- SMTP_FROM_NAME
- SMTP_FROM_ADDRESS

URLs / routing / integration

- APP_BASE_URL
  Base URL used in generated links (local dev usually http://localhost:3000)
- NEXT_PUBLIC_API_URL
  Public API route exposed by Next.js (often /api/langgraph or a full URL)
- NEXT_PUBLIC_ASSISTANT_ID
  Which assistant is shown by default in the UI (for this study: dataAwareLLMSystem)
- LANGGRAPH_API_URL
  LangGraph server URL (healthcheck + streaming; typically http://localhost:2024)
- CORS_ALLOWED_ORIGINS
  Allowed browser origins for CORS (local dev: http://localhost:3000,http://localhost:3001)

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