Proposal — Project Context

Proposal — Project Context and Multi-Project Support

Background

As the tool scales to store documentation from multiple projects, users need a way to scope context to avoid irrelevant results. The goal: project-aware indexing and querying.

Proposal

## Introduce a Project Context Model:

* - Projects Table: Each project has an ID, name, description, root folder(s), tags.
* - Association: Every note belongs to one project (default project = “General”).
* - Context Switching: Users set active project context for search/Q&A.
* - Cross-Project Search: Advanced option to include multiple projects.

User Stories

PROJ-US-01 — Define Project Context

As a user I want to define projects so that notes are grouped logically.

## Acceptance Criteria:

* - Add project with name + folder mappings.
* - Project metadata persists in DB.

PROJ-US-02 — Switch Project Context

As a user I want to switch between projects so that results are scoped.

## Acceptance Criteria:

* - Active project shown in UI header; CLI prompt indicates [project].
* - All queries default to active project scope.

PROJ-US-03 — Cross-Project Queries

As a user I want to query multiple projects so that I can compare across them.

## Acceptance Criteria:

* - Multi-select projects in UI.
* - CLI: --projects=A,B.

Testing Tasks

* - Unit: Notes indexed under correct project IDs.
* - Integration: Switching context restricts search/Q&A results.
* - E2E: Project switch reflected in UI header + queries.