



TEAM GUIDE – How to Use Project Documents

This guide explains **what each project document is, who should use it, and how it fits into the overall workflow.**

Important: These documents are not optional.

They are designed to remove ambiguity, prevent overlap, and ensure smooth integration.

Big Picture: How the Documents Fit Together

Think of the documentation as **layers**, from abstract → concrete:

context.md

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PROJECT_STRUCTURE.md

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Individual Member Plans

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EVIDENCE_SCHEMA.md

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INTEGRATION_CONTRACT.md

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Dataset Usage Guide

Each document answers a **different question**.

Do not use one document to answer the wrong question.

1 context.md – “What are we building, and why?”

Purpose

This is the **single source of truth** for the project.

It defines:

- the problem
- the system's scope
- ethical boundaries
- reasoning philosophy (KRR-first)
- what *is* and *is not* allowed

Who must read it?

Everyone. No exceptions.

When to use it?

- First document to read
- Refer back whenever unsure about scope or decisions
- Use it to justify design choices in report and viva

! What NOT to do with it

- Do not reinterpret it
- Do not override it
- Do not extend scope beyond it

PROJECT_STRUCTURE.md – “Where does my work live?”

Purpose

Defines:

- folder structure
- file ownership
- module boundaries

Who must read it?

Everyone, but especially:

- Person 2 (NLP files)
- Person 3 (reasoning, logs)

When to use it?

- Before writing any code
- Whenever adding a new file

! What NOT to do

- Do not place files arbitrarily
- Do not mix responsibilities across folders
- Do not duplicate logic across directories

3 Individual Member Plans – “What exactly is my responsibility?”

Purpose

These documents define:

- your tasks
- your deliverables
- your dependencies
- your validation checks
- how your work integrates with others

Who should read which?

- **Person 1** → Person 1 plan
- **Person 2** → Person 2 plan
- **Person 3** → Person 3 plan

(Everyone may skim others for context.)

When to use it?

- This is your **daily execution guide**
- Use it to track progress
- Use it to know when you are “done”

! What NOT to do

- Do not take tasks from others
 - Do not implement outside your ownership
 - Do not assume responsibilities not assigned to you
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4 Dataset Usage Document – “How are datasets allowed to be used?”

Purpose

Clarifies:

- which datasets exist
- who uses which dataset
- how datasets support the system
- what datasets must *NOT* do

Who must read it?

Everyone, especially:

- Person 2 (NLP validation)
- Person 3 (ranking & explanation support)

When to use it?

- Before touching any dataset
- Before citing datasets in the report

! Critical Rule

Datasets **do NOT perform inference**

Symbolic reasoning is the authority

! What NOT to do

- Do not train ML classifiers for diagnosis
 - Do not replace SWRL logic with statistics
 - Do not infer risk directly from datasets
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5 EVIDENCE_SCHEMA.md – “What is allowed to enter the Knowledge Graph?”

Purpose

Defines the **exact format** of extracted evidence moving from NLP → KG → reasoning.

This is a **hard interface contract**.

Who must read it?

- **Person 2** (producer of evidence)
- **Person 3** (consumer of evidence)

Person 1 should skim to ensure ontology alignment.

When to use it?

- While implementing NLP extraction
- While inserting data into session graphs
- While generating explanations

! Golden Rule

If data does not match this schema, it does **not exist** for reasoning.

! What NOT to do

- Do not invent new fields
- Do not bypass confidence checks
- Do not assert negated evidence

6 INTEGRATION_CONTRACT.md – “How do our parts connect?”

Purpose

Defines:

- input/output expectations
- handoff formats
- integration order
- validation responsibilities

This prevents:

- "I thought you were doing this"
- mismatched assumptions
- late integration failures

Who must read it?

Everyone, but especially:

- Person 2 ↔ Person 3

When to use it?

- Before integrating modules
- When something breaks across boundaries

! What NOT to do

- Do not bypass agreed interfaces
- Do not silently change outputs
- Do not integrate without validation checks

Recommended Reading Order (For New Team Members)

1. [context.md](#)
 2. [PROJECT_STRUCTURE.md](#)
 3. Your **individual plan**
 4. Dataset Usage Document
 5. [EVIDENCE_SCHEMA.md](#)
 6. [INTEGRATION_CONTRACT.md](#)
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How to Work Safely as a Team

- Treat documents as **contracts**
 - If something is unclear:
 - check documents first
 - ask before implementing
 - If you need to change something:
 - update the document
 - inform the team
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Final Note to the Team

These documents exist to:

- reduce confusion
- prevent overlap
- protect symbolic reasoning integrity
- help you defend the project confidently

If you follow them, **integration will be smooth**, and **viva questions will be easy to answer**.