**Project Scope Statement**

**1. Project Title:** Requirements Gathering Agent Documentation Generation

**2. Project Goal:** To automate the generation of comprehensive, PMBOK 7th Edition compliant project management documentation from existing project documentation, primarily the project’s README and associated files.

**3. Project Objectives:**

* Generate a complete suite of PMBOK-compliant documents (as detailed in the “Generated Documents” section of the provided README).
* Accurately reflect project scope, requirements, and plans based on analyzed project documentation.
* Ensure consistency and accuracy across all generated documents.
* Provide multiple export formats (Markdown, Word (.docx), JSON, YAML). Future iterations will include PowerPoint (.pptx) and PDF.
* Maintain PMBOK 7th Edition compliance throughout the process.
* Incorporate intelligent context building from diverse sources, scoring relevance (0-100) for each source.
* Support multiple AI providers (Azure OpenAI, Google AI, GitHub AI, Ollama).
* Provide comprehensive validation and quality assessment features.
* Deliver enterprise-ready, professionally formatted Word (.docx) documents.

**4. Project Deliverables:**

The project will deliver the following:

* A functional software application capable of generating the specified PMBOK documents.
* A suite of PMBOK-compliant documents, generated based on input project documentation. These will be organized into the directory structure outlined in the README.
* Comprehensive documentation for the application, including user guides and API specifications.
* Automated testing and validation procedures to ensure PMBOK compliance and document quality.

**5. Project Scope Exclusions:**

* The development of the underlying AI models used for document generation. The project will integrate with existing models.
* Support for project management methodologies other than PMBOK 7th Edition.
* Customizability of document templates beyond the built-in functionality. Future iterations may include this.
* Integration with third-party project management software (though this is a future enhancement).

**6. Acceptance Criteria:**

* All specified PMBOK documents are generated successfully.
* Generated documents accurately reflect the information contained in the input project documentation.
* Generated documents are compliant with PMBOK 7th Edition standards, as verified by automated validation procedures.
* Generated Word (.docx) documents meet professional formatting standards.
* The application is stable and performs reliably under expected workload.
* User documentation is complete and easy to understand.

**7. Project Assumptions:**

* The input project documentation will be well-structured and readily analyzable.
* The chosen AI provider(s) will be available and perform as expected.
* Sufficient resources (personnel, computing power) will be available to complete the project.

**8. Project Constraints:**

* The project must adhere to PMBOK 7th Edition standards.
* The project must be completed within the allocated timeframe.
* The project must be completed within the allocated budget.

**9. Stakeholders:**

* Project Management Office (PMO)
* Software Development Team
* Business Analysts
* End-users (Project Managers)

**10. Project Timeline:** (To be defined in a separate Project Schedule)

This Project Scope Statement serves as a baseline for the Requirements Gathering Agent documentation generation project. Any changes to the scope will require formal change management procedures.