

SUBMISSION REQUIREMENTS

Hybrid RAG System with Automated Evaluation

GitHub Repository: https://github.com/vishalvishal099/Hybrid_RAG_System_with_Automated_Evaluation

Contributors

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Deliverables Checklist

Requirement	File/Location
Complete RAG Code	chromadb_rag_system.py
Evaluation Pipeline	evaluate_chromadb_fast.py
100 Q&A Dataset	questions_100.json
PDF Report	Hybrid_RAG_Evaluation_Report.pdf
Streamlit Interface	app_chromadb.py
README.md	README.md
Fixed URLs (200)	fixed_urls.json
Screenshots (3+)	08_screenshots/

Submission Folder Structure

Folder	Description	GitHub Link
submission/01_source_code/	All source code	View
submission/02_data/	All data files	View
submission/03_vector_database/	ChromaDB database	Refer the instructions command to setup the vectorDB

Folder	Description	GitHub Link
submission/04_evaluation_results/	Evaluation outputs	View
submission/05_reports/	Reports (PDF, MD)	View
submission/06_documentation/	Documentation files	View
submission/07_visualizations/	Charts and diagrams	View
submission/08_screenshots/	System screenshots	View

Screenshots

Screenshot	Description	Link
1_Hybrid_full_page.png	Hybrid retrieval mode	View
2_Dense_full_page.png	Dense retrieval mode	View
3_Sparse_full_page.png	Sparse retrieval mode	View
Data_load_retrieval_method.png	Data loading interface	View
project_SoureCode.png	Project source code	View

Last Updated: February 8, 2026