Assignment 2 - Detailed Feedback Report

Student ID: 48956

Assessment Overview

Your submission demonstrates a good foundation with significant room for growth. You have addressed several core requirements, and there is significant potential to elevate your work. The areas identified below represent opportunities for substantial improvement that will strengthen your software engineering practices and LLM application development skills.

Areas of Excellence

Your submission demonstrates particular strength in the following areas:

Version Management

• Good commit history: 42 commits

• Excellent commit message quality (76% meaningful)

• Prompt documentation found: Documents\prompts\DEVELOPER_PROMPT.md

Research Analysis

• Found 14 research document(s)

• Multiple research artifacts for comprehensive analysis

• Research documentation includes visualizations

Testing Quality

• Found 11 test file(s)

• Excellent test coverage with 11 test files

• Test framework configured: pytest.ini

Code Documentation

• README.md found (28959 bytes)

• Installation instructions found in README

• Usage examples found in README

Areas for Improvement and Development

The following areas require focused attention and development. Addressing these will significantly strengthen your software engineering practices and overall project quality:

Quality Standards

Current Status: Linting configured: .flake8

Recommended Actions:

• Set up CI/CD pipeline (GitHub Actions, GitLab CI, etc.)

• Create dedicated style guide or CONTRIBUTING.md

• Set up pre-commit hooks for automatic quality checks

• Add more quality tools

Extensibility

Current Status: Somewhat modular (avg 211 lines/file)

Recommended Actions:

• Create plugin/extension system for modularity

• Break down large files into smaller modules

• Define more interfaces for better extensibility

• Document how to extend/customize the system

Costs Pricing

Current Status: Limited cost documentation (3 mentions)

Recommended Actions:

• Create cost analysis document (e.g., COSTS.md, budget.xlsx)

• Add detailed cost analysis

• Create dedicated budget tracking document

Priority Action Items

High Priority Enhancements:

These areas would significantly strengthen your submission and should be addressed after the immediate focus items:

• Improve Quality Standards

• Improve Extensibility

• Improve Costs Pricing

Conclusion

Your submission shows good potential and a developing understanding of software engineering principles. The areas identified above represent clear opportunities for growth. Focus on the immediate priority items first, then systematically work through the other recommendations. With dedicated effort on these areas, you can significantly strengthen your skills and project quality.