

# Assignment 3 - Detailed Feedback Report

Student ID: 63693

## Assessment Overview

Your submission demonstrates a solid foundation in software engineering practices and LLM application development. You have successfully addressed the core requirements with some areas identified for enhancement. With focused improvements in the areas outlined below, you can elevate your work to an excellent standard.

## Areas of Excellence

Your submission demonstrates particular strength in the following areas:

### Testing Quality

- Found 6 test file(s)
- Excellent test coverage with 6 test files
- Excellent test count: 50 test functions

### Project Planning

- PRD.md found
- Problem Statement found in PRD
- Functional Requirements found in PRD

### Version Management

- Good commit history: 28 commits
- Excellent commit message quality (71% meaningful)

- Prompt documentation found: docs\PROMPT\_LOG.md

## **Research Analysis**

- Found 1 Jupyter notebook(s) and 10 research document(s)
- Multiple research artifacts for comprehensive analysis
- Visualizations found in 1 notebook(s)

## **Code Documentation**

- README.md found (17943 bytes)
- Installation instructions found in README
- Usage examples found in README

## **Config Security**

- No hardcoded secrets found in production code
- .env.example file found
- .gitignore file found with .env properly ignored

## **Costs Pricing**

- Cost analysis document found: docs\COST\_ANALYSIS.md
- Comprehensive cost documentation (140 mentions in 3 files)
- Cost calculations found in code

## **Areas for Improvement and Development**

While your submission is strong overall, the following areas present opportunities for minor enhancements that would further strengthen your work:

## **Quality Standards**

Recommended Actions:

- Configure linting tools (pylint, eslint, etc.)
- Set up CI/CD pipeline (GitHub Actions, GitLab CI, etc.)
- Create code style guide or CONTRIBUTING.md
- Set up pre-commit hooks for automatic quality checks

## **Extensibility**

Current Status: Excellent modular structure (avg 128 lines/file)

Recommended Actions:

- Create plugin/extension system for modularity
- Define interfaces/APIs for extensibility
- Document extension/customization approach

## Priority Action Items

### Immediate Focus Areas:

These items require your immediate attention as they represent critical gaps in the current submission:

- Address Quality Standards

### High Priority Enhancements:

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

- Improve Extensibility

## Conclusion

Your submission shows strong competency in software engineering and LLM application development. By addressing the areas outlined above, particularly the priority items, you can elevate your work to an excellent standard. You have demonstrated the foundational skills needed; now focus on deepening and broadening your implementation of professional practices.

Assessment Date: 2025-12-03

This report provides developmental feedback to support your learning and growth.