

# Assignment 1 - Detailed Feedback Report

Student ID: 59378

## Assessment Overview

Your submission demonstrates a very solid foundation in software engineering practices and LLM application development. You have successfully implemented most of the advanced requirements with only minor areas for enhancement. Your work shows strong attention to detail, comprehensive documentation, and professional development practices.

## Areas of Excellence

Your submission demonstrates particular strength in the following areas:

### Ui Ux

- Found 28 image(s)/screenshot(s)
- Excellent visual documentation with 5+ images
- README includes UI screenshots/documentation

### Quality Standards

- Linting configured: pyproject.toml
- CI/CD pipeline configured: .github/workflows/ci-cd.yml, .github/workflows/codeql.yml, .github/workflows/test.yml
- Code style guide found: CODE\_OF\_CONDUCT.md, CONTRIBUTING.md

### Project Planning

- PRD.md found

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

### **Version Management**

- Good commit history: 72 commits
- Excellent commit message quality (100% meaningful)
- Prompt documentation found: docs\guides\user\prompt-engineering.md

### **Testing Quality**

- Found 13 test file(s)
- Excellent test coverage with 13 test files
- Test framework configured: pytest.ini

### **Research Analysis**

- Found 23 research document(s)
- Multiple research artifacts for comprehensive analysis
- Research documentation includes visualizations

### **Code Documentation**

- README.md found (150823 bytes)
- Installation instructions found in README
- Usage examples found in README

### **Costs Pricing**

- Cost analysis document found: docs\business\cost-analysis.md
- Comprehensive cost documentation (361 mentions in 24 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:

### Extensibility

Current Status: Plugin/extension system found: `src\ollama_chatbot`

Recommended Actions:

- Refactor into modular structure with smaller files

### Config Security

Current Status: No hardcoded secrets found in production code

Recommended Actions:

- Create `.env.example` file to document required environment variables
- Improve overall security practices

## Priority Action Items

## Conclusion

Your submission demonstrates excellence in software engineering and LLM application development. The minor enhancements suggested above will help you maintain and further develop your already strong skills. Continue to build on this solid foundation, and focus on the advanced aspects that distinguish exceptional work from good work.

Assessment Date: 2025-12-04

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