

# Assignment 1 - Detailed Feedback Report

Student ID: 38963

## 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:

### Research Analysis

- Found 1 research document(s)
- Research documentation includes visualizations
- Research documentation provides analysis methodology

### Ui Ux

- Found 7 image(s)/screenshot(s)
- Excellent visual documentation with 5+ images
- README includes UI screenshots/documentation

### Testing Quality

- Found 4 test file(s)
- Excellent test coverage with 4 test files

- Test framework configured: backend\pytest.ini, frontend\jest.config.js

### **Code Documentation**

- README.md found (14942 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: backend\pyproject.toml

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

### **Version Management**

Current Status: Limited commit history: 1 commits

Recommended Actions:

- Make more commits (target: >10)
- Create PROMPT\_BOOK.md to document AI interactions

### **Extensibility**

Current Status: Excellent modular structure (avg 95 lines/file)

Recommended Actions:

- Create plugin/extension system for modularity
- Define more interfaces for better extensibility
- Document how to extend/customize the system

## **Costs Pricing**

Current Status: Limited cost documentation (1 mentions)

Recommended Actions:

- Create cost analysis document (e.g., COSTS.md, budget.xlsx)
- Add detailed cost analysis
- Create budget tracking system/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 Version Management
- 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.

Assessment Date: 2025-12-04

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