

# Assignment 1 - Detailed Feedback Report

Student ID: 38986

## 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:

### Ui Ux

- Found 9 image(s)/screenshot(s)
- Excellent visual documentation with 5+ images
- README includes UI screenshots/documentation

### Testing Quality

- Found 3 test file(s)
- Good test coverage with 3 test file(s)
- Excellent test count: 64 test functions

### Version Management

- Good commit history: 16 commits
- Excellent commit message quality (94% meaningful)

- Prompt documentation found: Documentation\COMPLETE\_PROJECT\_PROMPT.md

## Research Analysis

- Found 26 research document(s)
- Multiple research artifacts for comprehensive analysis
- Research documentation includes visualizations

## Code Documentation

- README.md found (15672 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:

### Extensibility

Current Status: Large files detected (avg 499 lines/file)

Recommended Actions:

- Create plugin/extension system for modularity
- Refactor into modular structure with smaller files
- Define interfaces/APIs for extensibility
- Add extension points and code examples

### Costs Pricing

Current Status: Limited cost documentation (2 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 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.