

Assignment 1 - Detailed Feedback Report

Student ID: 38982

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

Project Planning

- PRD.md found
- Functional Requirements found in PRD
- ARCHITECTURE.md found

Testing Quality

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

- Excellent test count: 26 test functions

Research Analysis

- Found 1 Jupyter notebook(s) and 6 research document(s)
- Multiple research artifacts for comprehensive analysis
- Visualizations found in 1 notebook(s)

Config Security

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

Code Documentation

- README.md found (8552 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: 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

Extensibility

Current Status: Excellent modular structure (avg 72 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

Recommended Actions:

- Create cost analysis document (e.g., COSTS.md, budget.xlsx)
- Document costs, pricing, and budget considerations
- Create budget tracking system/document

Priority Action Items

Immediate Focus Areas:

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

- Address Costs Pricing

High Priority Enhancements:

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

- Improve Quality Standards
- Improve Extensibility

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.