Assignment 1 - Detailed Feedback Report

Student ID: 38977

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 12 image(s)/screenshot(s)

• Excellent visual documentation with 5+ images

• README includes UI screenshots/documentation

Testing Quality

• Found 12 test file(s)

• Excellent test coverage with 12 test files

• Excellent test count: 120 test functions

Version Management

• Moderate commit history: 7 commits

• Excellent commit message quality (100% meaningful)

• Prompt documentation found: ex1\Documentation\AI_PROMPTS.md

Project Planning

• PRD.md found

• Problem Statement found in PRD

• Functional Requirements found in PRD

Research Analysis

• Found 1 Jupyter notebook(s) and 27 research document(s)

• Multiple research artifacts for comprehensive analysis

• Visualizations found in 1 notebook(s)

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

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

Config Security

Current Status: No hardcoded secrets found in production code

Recommended Actions:

- Create .env.example file to document required environment variables

- Create .gitignore file and add .env to it

- Improve .gitignore coverage for better security

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 Config Security

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.