Assignment 2 - Detailed Feedback Report

Student ID: 48987

Assessment Overview

Your submission demonstrates a foundation that shows potential but requires substantial development. While there are fundamental elements in place, there are multiple critical areas requiring attention. You have substantial potential to improve, and the recommendations below outline a clear path forward to strengthen your software engineering practices and meet the assignment requirements.

Areas of Excellence

Your submission demonstrates particular strength in the following areas:

Project Planning

• PRD.md found

• Functional Requirements found in PRD

• ARCHITECTURE.md found

Research Analysis

• Found 3 research document(s)

• Multiple research artifacts for comprehensive analysis

• Research documentation includes visualizations

Code Documentation

• README.md found (7356 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:

Testing Quality

Recommended Actions:

• Create test files for your code

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• Configure a test framework (pytest, jest, etc.)

• Write test functions (target: >10)

Ui Ux

Current Status: UI documentation found: requirements.txt

Recommended Actions:

• Add screenshots of your application

• Add at least 5 screenshots showing different features

• Add UI screenshots to README.md

Extensibility

Current Status: Excellent modular structure (avg 136 lines/file)

Recommended Actions:

• Create plugin/extension system for modularity

• Define interfaces/APIs for extensibility

• Document extension/customization approach

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

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

Version Management

Current Status: Limited commit history: 2 commits

Recommended Actions:

• Make more commits (target: >10)

• Create PROMPT_BOOK.md to document AI interactions

Priority Action Items

Immediate Focus Areas:

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

• Address Testing Quality

• Address Quality Standards

• Address Costs Pricing

High Priority Enhancements:

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

• Improve Ui Ux

• Improve Extensibility

• Improve Version Management

Conclusion

Your submission demonstrates potential, but requires substantial development in multiple critical areas. Focus first on the immediate priority items, which address fundamental requirements. Work systematically through each area, seeking examples and best practices. Remember that software engineering is a skill that develops through practice and iteration. Use this feedback as a roadmap for improvement.