Assignment 1 - Detailed Feedback Report

Student ID: 38971

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:

Research Analysis

• Found 2 research document(s)

• Research documentation includes visualizations

• Research documentation provides analysis methodology

Testing Quality

• Found 2 test file(s)

• Good test coverage with 2 test file(s)

• Test framework configured: pytest.ini

Code Documentation

• README.md found (6485 bytes)

• Installation instructions found in README

• Package __init__.py with documentation found

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:

Project Planning

Recommended Actions:

• Create PRD.md with Problem Statement, Functional Requirements, and Success Metrics

• Document architecture in README or ARCHITECTURE.md

Ui Ux

Recommended Actions:

• Add more screenshots (currently 4, need 5+)

• Add UI screenshots to README.md

• Create user guide or UI documentation

Quality Standards

Current Status: Linting configured: pyproject.toml

Recommended Actions:

• 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

• Configure quality assurance tools

Extensibility

Current Status: Excellent modular structure (avg 119 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: Moderate cost documentation (6 mentions)

Recommended Actions:

• Create cost analysis document (e.g., COSTS.md, budget.xlsx)

• Expand cost documentation with more details

• 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 Project Planning

High Priority Enhancements:

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

• Improve Ui Ux

• Improve Quality Standards

• Improve Extensibility

• Improve Costs Pricing

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.

Team: Promptopia

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Git Repository: https://github.com/ml-and-ds-degree/llms-and-multi-agent-orchestration

Self Grade: 95