DETAILED GRADE BREAKDOWN

Assignment 5

Student ID:	101206
Repository:	rag-evaluation-framework
Assessment Date:	2025-12-23

FINAL SCORE: 86.5 / 100

Performance Tier: Good

Skills Summary

Skill	Score	Status
Ui Ux	8.0/10	✓ Excellent
Quality Standards	10.0/10	✓ Excellent
Project Planning	10.0/10	✓ Excellent
Version Management	10.0/10	✓ Excellent
Research Analysis	10.0/10	✓ Excellent
Testing Quality	8.0/10	✓ Excellent
Extensibility	8.0/10	✓ Excellent
Code Documentation	10.0/10	✓ Excellent
Config Security	5.0/10	■ Fair
Costs Pricing	7.5/10	✓ Good

Skill: Ui Ux

Score: 8.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Screenshots/images (1+)	3.0	2.4	✗
Screenshots/images (5+)	3.0	2.4	✗
UI documentation	2.0	1.6	✗
User guide exists	2.0	1.6	✗
TOTAL	**10.0**	**8.0**	

What Was Found

• Found 24 image(s)/screenshot(s)

• Excellent visual documentation with 5+ images

• UI documentation found: EASY_RUNNER_GUIDE.md, PLUGIN_QUICKSTART.md, QUICK_START.md

What Was Missing

• All criteria met!

How to Improve (+2.0 points)

1. Add UI screenshots to README.md (+2.0 points)

Skill: Quality Standards

Score: 10.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Linting configuration	2.0	2.0	✓
CI/CD pipeline	3.0	3.0	✓
Code style guide	2.0	2.0	✓
Pre-commit hooks	2.0	2.0	✓
Project setup file	1.0	1.0	✓
TOTAL	**10.0**	**10.0**	

What Was Found

• Code style guide found: CODE_OF_CONDUCT.md, CONTRIBUTING.md

What Was Missing

• All criteria met!

Skill: Project Planning

Score: 10.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
PRD.md exists	2.0	2.0	✓
ARCHITECTURE.md exists	5.0	5.0	✓
Problem Statement	1.0	1.0	✓
Functional Requirements	1.5	1.5	✓
Success Metrics	0.5	0.5	✓
TOTAL	**10.0**	**10.0**	

What Was Found

• PRD.md found

• Problem Statement found in PRD

• Functional Requirements found in PRD

• Success Metrics found in PRD

• ARCHITECTURE.md found

What Was Missing

• All criteria met!

Skill: Version Management

Score: 10.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Git commits >10	2.0	2.0	✓
Meaningful commit messages	2.0	2.0	✓
PROMPT_BOOK.md exists	5.0	5.0	✓
Branching strategy	1.0	1.0	✓
TOTAL	**10.0**	**10.0**	

What Was Found

• Prompt documentation found: docs\PROMPT_BOOK.md

What Was Missing

• All criteria met!

Skill: Research Analysis

Score: 10.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Jupyter notebooks exist	4.0	4.0	✓
Multiple notebooks (>2)	2.0	2.0	✓
Has visualizations/plots	2.0	2.0	✓
Analysis documentation	2.0	2.0	✓
TOTAL	**10.0**	**10.0**	

What Was Found

• Found 45 research document(s)

• Found 5 data file(s) for analysis

What Was Missing

• All criteria met!

Skill: Testing Quality

Score: 8.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Test files exist	3.0	2.4	✗
Multiple test files (>3)	2.0	1.6	✗
Test framework configured	2.0	1.6	✗
Test functions (>10)	3.0	2.4	✗
TOTAL	**10.0**	**8.0**	

What Was Found

• Found 59 test file(s)

What Was Missing

• All criteria met!

How to Improve (+2.0 points)

1. Configure a test framework (pytest, jest, etc.) (+2.0 points)

Skill: Extensibility

Score: 8.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Plugin/extension system	3.0	2.4	✗
Modular structure (3+ dirs)	3.0	2.4	✗
Interfaces/APIs	2.0	1.6	✗
Extension documentation	2.0	1.6	✗
TOTAL	**10.0**	**8.0**	

What Was Found

• Plugin/extension system found: examples, src\rag_evaluation

What Was Missing

• All criteria met!

How to Improve (+2.0 points)

1. Break down large files into smaller modules (+2.0 points)

Skill: Code Documentation

Score: 10.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
README.md >1KB	3.0	3.0	✓
Installation instructions	1.0	1.0	✓
Usage examples	1.0	1.0	✓
Code structure documented	2.0	2.0	✓
Python docstrings (>50%)	3.0	3.0	✓
TOTAL	**10.0**	**10.0**	

What Was Found

• README.md found (50792 bytes)

• Installation instructions found in README

• Usage examples found in README

• docs/ directory found

• Package __init__.py with documentation found

What Was Missing

• All criteria met!

Skill: Config Security

Score: 5.0/10 points

Status: ■ Fair

Points Breakdown

Criterion	Max Points	Earned	Status
No hardcoded secrets (CRITICAL)	5.0	2.5	✗
.env.example exists	2.0	1.0	✗
.gitignore exists	1.0	0.5	✗
Uses environment variables	2.0	1.0	✗
TOTAL	**10.0**	**5.0**	

What Was Found

• WARNING: 1 hardcoded secret(s) found in production code!

• .gitignore file found with .env properly ignored

What Was Missing

• All criteria met!

How to Improve (+5.0 points)

1. Remove hardcoded secrets and use environment variables (+2.0 points)

2. Create .env.example file to document required environment variables (+2.0 points)

3. Improve overall security practices (+1.0 point)

Skill: Costs Pricing

Score: 7.5/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
Cost analysis document	5.0	3.8	✗
Cost mentions in docs	3.0	2.2	✗
Budget tracking	2.0	1.5	✗
TOTAL	**10.0**	**7.5**	

What Was Found

• Detailed cost analysis found in: demo.py, README.md

• Cost calculations found in code

• API pricing analysis found (excellent for LLM projects)

What Was Missing

• All criteria met!

How to Improve (+2.5 points)

1. Create dedicated cost analysis document (e.g., COSTS.md) for better organization (+2.0 points)

2. Create dedicated budget tracking document (+0.5 points)

Overall Assessment Summary

Key Strengths (8+ points)

• Ui Ux: 8.0/10

• Quality Standards: 10.0/10

• Project Planning: 10.0/10

• Version Management: 10.0/10

• Research Analysis: 10.0/10

• Testing Quality: 8.0/10

• Extensibility: 8.0/10

• Code Documentation: 10.0/10

Critical Gaps (<5 points)

• No critical gaps identified

Recommended Actions

Immediate Priority:

• All critical areas addressed - focus on optimization

High Priority:

• Maintain current standards across all skills