

DETAILED GRADE BREAKDOWN

Assignment 5

Student ID: 109997

Repository: llms-course-prompt-engineering

Assessment Date: 2025-12-23

FINAL SCORE: 80.5 / 100

Performance Tier: Good

Skills Summary

Skill	Score	Status
Ui Ux	7.0/10	✓ Good
Quality Standards	10.0/10	✓ Excellent
Project Planning	9.5/10	✓ Excellent
Version Management	9.0/10	✓ Excellent
Research Analysis	10.0/10	✓ Excellent
Testing Quality	8.0/10	✓ Excellent
Code Documentation	7.5/10	✓ Good
Extensibility	4.5/10	■ Fair
Config Security	6.0/10	✓ Good
Costs Pricing	9.0/10	✓ Excellent

Skill: Ui Ux

Score: 7.0/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
Screenshots/images (1+)	3.0	2.1	✗
Screenshots/images (5+)	3.0	2.1	✗
UI documentation	2.0	1.4	✗
User guide exists	2.0	1.4	✗
TOTAL	10.0	7.0	

What Was Found

- Found 2 image(s)/screenshot(s)
- UI documentation found: requirements.txt

What Was Missing

- All criteria met!

How to Improve (+3.0 points)

1. Add more screenshots (currently 2, need 5+) (+3.0 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: 9.5/10 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	0.9	✗
Functional Requirements	1.5	1.4	✗
Success Metrics	0.5	0.5	✗
TOTAL	10.0	9.5	

What Was Found

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

What Was Missing

- All criteria met!

How to Improve (+0.5 points)

1. Add Success Metrics section to PRD.md (+0.5 points)

Skill: Version Management

Score: 9.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Git commits >10	2.0	1.8	✗
Meaningful commit messages	2.0	1.8	✗
PROMPT_BOOK.md exists	5.0	4.5	✗
Branching strategy	1.0	0.9	✗
TOTAL	10.0	9.0	

What Was Found

- Prompt documentation found: docs\PROMPTS.md

What Was Missing

- All criteria met!

How to Improve (+1.0 points)

1. Make more commits to document project evolution (+1.0 point)

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 1 Jupyter notebook(s) and 8 research document(s)
- Visualizations found in 1 notebook(s)
- Found 1 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 10 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: Code Documentation

Score: 7.5/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
README.md >1KB	3.0	2.2	✗
Installation instructions	1.0	0.8	✗
Usage examples	1.0	0.8	✗
Code structure documented	2.0	1.5	✗
Python docstrings (>50%)	3.0	2.2	✗
TOTAL	10.0	7.5	

What Was Found

- README.md found (4171 bytes)
- Installation instructions found in README
- Usage examples found in README
- docs/ directory found

What Was Missing

- All criteria met!

How to Improve (+2.5 points)

1. Improve code structure documentation (+1.0 points)
2. Increase docstring coverage to >50% of files (+1.5 points)

Skill: Extensibility

Score: 4.5/10 points

Status: ■ Fair

Points Breakdown

Criterion	Max Points	Earned	Status
Plugin/extension system	3.0	1.4	✗
Modular structure (3+ dirs)	3.0	1.4	✗
Interfaces/APIs	2.0	0.9	✗
Extension documentation	2.0	0.9	✗
TOTAL	10.0	4.5	

What Was Found

What Was Missing

- All criteria met!

How to Improve (+5.5 points)

1. Create plugin/extension system for modularity (+3.0 points)
2. Define interfaces/APIs for extensibility (+2.0 points)
3. Expand extensibility docs with more examples (+0.5 points)

Skill: Config Security

Score: 6.0/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
No hardcoded secrets (CRITICAL)	5.0	3.0	✗
.env.example exists	2.0	1.2	✗
.gitignore exists	1.0	0.6	✗
Uses environment variables	2.0	1.2	✗
TOTAL	10.0	6.0	

What Was Found

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

What Was Missing

- No hardcoded secrets found in production code

How to Improve (+4.0 points)

1. Create .env.example file to document required environment variables (+2.0 points)
2. Implement environment variable usage in code (+1.0 point)
3. Improve overall security practices (+1.0 point)

Skill: Costs Pricing

Score: 9.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Cost analysis document	5.0	4.5	✗
Cost mentions in docs	3.0	2.7	✗
Budget tracking	2.0	1.8	✗
TOTAL	10.0	9.0	

What Was Found

- Multiple cost documents found (2): budget.csv, COSTS.md
- Budget tracking system found

What Was Missing

- All criteria met!

How to Improve (+1.0 points)

1. Add more detailed cost analysis (+1.0 point)

Overall Assessment Summary

Key Strengths (8+ points)

- Quality Standards: 10.0/10
- Project Planning: 9.5/10
- Version Management: 9.0/10
- Research Analysis: 10.0/10
- Testing Quality: 8.0/10
- Costs Pricing: 9.0/10

Critical Gaps (<5 points)

- Extensibility: 4.5/10

Recommended Actions

Immediate Priority:

- All critical areas addressed - focus on optimization

High Priority:

- Improve Extensibility (4.5/10 points)