

DETAILED GRADE BREAKDOWN

Assignment 1

Student ID: 38951

Repository: N/A

Assessment Date: 2025-12-02

FINAL SCORE: 82.0 / 100

Performance Tier: Good

Skills Summary

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

Skill: Project Planning

Score: 9.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
PRD.md exists	2.0	1.8	✗
ARCHITECTURE.md exists	5.0	4.5	✗
Problem Statement	1.0	0.9	✗
Functional Requirements	1.5	1.4	✗
Success Metrics	0.5	0.5	✗
TOTAL	10.0	9.0	

What Was Missing

- All criteria met!

Skill: Code Documentation

Score: 9.5/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
README.md >1KB	3.0	2.8	✗
Installation instructions	1.0	0.9	✗
Usage examples	1.0	0.9	✗
Code structure documented	2.0	1.9	✗
Python docstrings (>50%)	3.0	2.8	✗
TOTAL	10.0	9.5	

What Was Missing

- All criteria met!

Skill: Config Security

Score: 7.0/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
No hardcoded secrets (CRITICAL)	5.0	3.5	✗
.env.example exists	2.0	1.4	✗
.gitignore exists	1.0	0.7	✗
Uses environment variables	2.0	1.4	✗
TOTAL	10.0	7.0	

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 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 Missing

- All criteria met!

Skill: Ui Ux

Score: 7.5/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
Screenshots/images (1+)	3.0	2.2	✗
Screenshots/images (5+)	3.0	2.2	✗
UI documentation	2.0	1.5	✗
User guide exists	2.0	1.5	✗
TOTAL	10.0	7.5	

What Was Missing

- All criteria met!

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 Missing

- All criteria met!

Skill: Costs Pricing

Score: 10.0/10 points

Status: ✓ Excellent

Points Breakdown

Criterion	Max Points	Earned	Status
Cost analysis document	5.0	5.0	✓
Cost mentions in docs	3.0	3.0	✓
Budget tracking	2.0	2.0	✓
TOTAL	10.0	10.0	

What Was Missing

- All criteria met!

Skill: Extensibility

Score: 7.0/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
Plugin/extension system	3.0	2.1	✗
Modular structure (3+ dirs)	3.0	2.1	✗
Interfaces/APIs	2.0	1.4	✗
Extension documentation	2.0	1.4	✗
TOTAL	10.0	7.0	

What Was Missing

- All criteria met!

Skill: Quality Standards

Score: 6.0/10 points

Status: ✓ Good

Points Breakdown

Criterion	Max Points	Earned	Status
Linting configuration	2.0	1.2	✗
CI/CD pipeline	3.0	1.8	✗
Code style guide	2.0	1.2	✗
Pre-commit hooks	2.0	1.2	✗
Project setup file	1.0	0.6	✗
TOTAL	10.0	6.0	

What Was Missing

- All criteria met!

Overall Assessment Summary

Key Strengths (8+ points)

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

Critical Gaps (<5 points)

- No critical gaps identified