

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