

# **DevDoc Review Report**

WithAI Research

February 2026

# sample-project — Code Review Report

DevDoc Intelligence Platform — Automated Governance Review

Report Date: February 11, 2026 at 13:21

Analysis Scope: 5 files, 299 lines of code

## Executive Summary

Overall Health Score: 84/100 (Grade: B)

The codebase is in **good health** with some areas requiring attention. Address the action items below to prevent technical debt accumulation.

## Scorecard

Dimension	Health Bar	Score	Grade	Weight
Complexity	<div style="width: 100%;">███████████</div>	100/100	A	20%
Documentation	<div style="width: 62%;">███████████</div>	62/100	C	15%
Testing	<div style="width: 70%;">███████████</div>	70/100	C	15%
Security	<div style="width: 95%;">███████████</div>	95/100	A	15%
Ai Governance	<div style="width: 90%;">███████████</div>	90/100	A	15%

Weighted Total: 84/100 (B)

## Risk Assessment

■ **No significant risks identified.** The codebase maintains acceptable risk levels across all dimensions.

## Regression Check

No previous snapshot available for comparison. Run DevDoc at least twice to enable regression detection.

## Code Hotspots

### Highest Complexity Functions

Function	File	Complexity	Lines	Risk
update	src/models.py	6	16	■ Medium

Function	File	Complexity	Lines	Risk
test_create_task	tests/test_app.py	5	11	■ Medium
list_all	src/models.py	5	9	■ Medium
validate_config	src/utils.py	5	11	■ Medium
task_stats	src/routes.py	5	20	■ Medium
list_tasks	src/routes.py	4	15	■ Medium
test_health_check	tests/test_app.py	3	5	■ Medium
test_list_tasks	tests/test_app.py	3	9	■ Medium

## Longest Functions

Function	File	Lines	Complexity
create_app	src/app.py	28	2
task_stats	src/routes.py	20	5
update	src/models.py	16	6
setup_logging	src/utils.py	15	2
paginate	src/utils.py	15	1
list_tasks	src/routes.py	15	4
update_task	src/routes.py	13	3
to_dict	src/models.py	12	1

## Action Items

Prioritized list of improvements, ordered by impact.

#	Category	Action	Target	Effort
1	Module Decomposition	Decompose models by identifying 2-3 cohesive groups of functions/class	src/models.py	HIGH

#	Category	Action	Target	Effort
2	Concern Separation	Separate app into concern-specific modules: file i/o.py, logging/monit	src/app.py	MEDIUM
3	AI Governance	VERBOSE FUNCTIONS: Some functions have many lines but low branching co	``	MEDIUM

## All Findings

Click to expand full findings list (3 total)

#	Severity	Source	File	Finding
1	■ MEDIUM	Security	src/app.py:51	Debug mode enabled in production
2	■ MEDIUM	AI Governance	src/utils.py:41	Function "paginate" has low logic density (0.067): 15 lines
3	■ MEDIUM	AI Governance	src/app.py:18	Function "create_app" has low logic density (0.071): 28 line

This report was generated by **DevDoc Intelligence Platform**.

For continuous monitoring, integrate DevDoc into your CI/CD pipeline using the included GitHub Action.

Open this file in WithAI's WYSIWYG editor for visual editing, or export to PDF.