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Executive Report

Project Name
4_pharmacy_management_system

Branch
⎇ main

Analysis Date
2022-12-25

Size Rating
XS

Lines of Code
206

Version
not provided

Quality Gate
PASSED

Reliability

A

Bugs
0

Reliability on New Code
–

New Bugs

Security

A

Vulnerabilities
0

Security Hotspots
0

Security on New Code
–

New Vulnerabilities

New Security Hotspots

Maintainability

A

Code Smells
8

Debt Ratio
0.7%

Maintainability on New Code
–

New Code Smells

Debt Ratio on New Code
0

Issues By Severity

	🐞	🔓	⚙
⚠	0	0	0
⬆	0	0	6
🔼	0	0	0
🔽	0	0	2
ℹ	0	0	0

- 🔴 Blocker
- 🔴 Critical
- 🔺 Major
- 🟢 Minor
- ℹ Info

- ⚙ Bug
- 🔓 Vulnerability
- ⚙ Code Smell

Coverage

0%

Unit Tests
0

Coverage on New Code
0

Duplications

27.1%

Duplicated Blocks
14

Duplications on New Code
0

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Bugs

0

Vulnerabilities

0

Code Smells

8

0

Security Hotspots

0

Duplications (Lines of code / Duplicated lines)

200
180
160
140
120
100
80
60
40
20
0

Duplicated Lines (%)

27.1

0
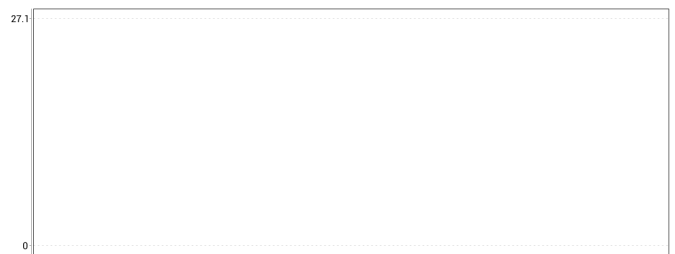
Coverage (Lines to cover / Covered lines)
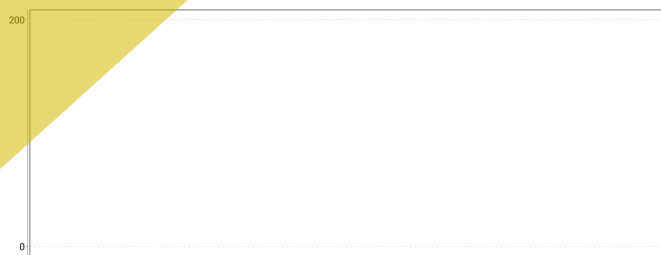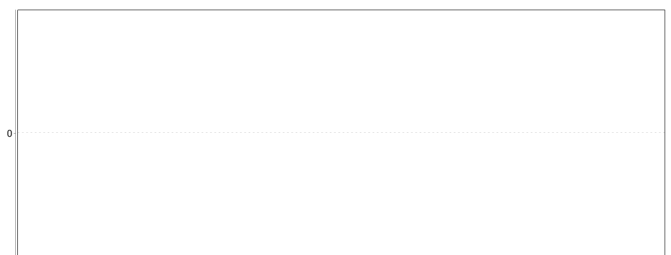
200

0

Coverage (%)

0

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Top Common Issues

Severity	Rule	Type	# Issues
⭡	"SystemExit" should be re-raised (py)		4
⭣	Unused local variables should be removed (py)		2
⭡	String literals should not be duplicated (py)		1
⭡	Wildcard imports should not be used (py)		1

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Top Issues By Severity

Severity	Rule	Type	# Issues
⬆	"SystemExit" should be re-raised (py)		4
⬆	String literals should not be duplicated (py)		1
⬆	Wildcard imports should not be used (py)		1
⬇	Unused local variables should be removed (py)		2

Severity Levels
- 🛈 Blocker
- ⬆ Critical
- 🔺 Major
- ⬇ Minor
- 🛈 Info

🔗 Multipe severities found

Issue Types
- 🐞 Bug
- 🔓 Vulnerability
- 🛡 Security Hotspot
- ⚙ Code Smell

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Top Security HotSpots to Review

Severity	Rule	Type	# Issues

No Security HotSpots found

Severity Levels
- 🛑 Blocker
- 🔴 Critical
- 🔺 Major
- 🔽 Minor
- ℹ️ Info

🔗 Multipe severities found

Issue Types
- 🐞 Bug
- 🔓 Vulnerability
- ⛨ Security Hotspot
- ♻️ Code Smell

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Rule
"SystemExit" should be re-raised

Language
py

Issues
4

SystemExit is raised when sys.exit() is called.

🏷️ **bad-practice**   **error-handling**   **suspicious**

Issues Breakdown

📄 project.py   **L81**
Specify an exception class to catch or reraise the exception

📄 project.py   **L102**
Specify an exception class to catch or reraise the exception

📄 project.py   **L130**
Specify an exception class to catch or reraise the exception

📄 project.py   **L172**
Specify an exception class to catch or reraise the exception

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Rule

String literals should not be duplicated

Language
py

Issues
1

Duplicated string literals make the process of refactoring error-prone, since you must be sure to update all occurrences.

🏷 **design**

Issues Breakdown

📄 project.py

L82

Define a constant instead of duplicating this literal "SORRY!...NO MORE RECORDS" 3 times.

Rule

Wildcard imports should not be used

Language
py

Issues
1

Importing every public name from a module using a wildcard (from mymodule import *) is a bad idea because:
It could lead to conflicts between names defined locally and the ones imported.

🏷️ **pitfall**

Issues Breakdown

📄 project.py   **L1**
Import only needed names or import the module and then use its members.

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Rule

Unused local variables should be removed

Language
py

Issues
2

If a local variable is declared but not used, it is dead code and should be removed.

🏷 unused

Issues Breakdown

📄 project.py **L14**
Remove the unused local variable "line".

📄 project.py **L113**
Remove the unused local variable "line".