sonarqube

Executive Report

Project Name
24_ATM_project_git

Branch
⑂ main

Analysis Date
2023-01-04

Size Rating
XS

Lines of Code
234

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
3

Debt Ratio
0.3%

Maintainability on New Code
–

New Code Smells

Debt Ratio on New Code
0

Issues By Severity

	☣	🔓	⚙
❗	0	0	0
⬆	0	0	1
⌃	0	0	1
⌄	0	0	1
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
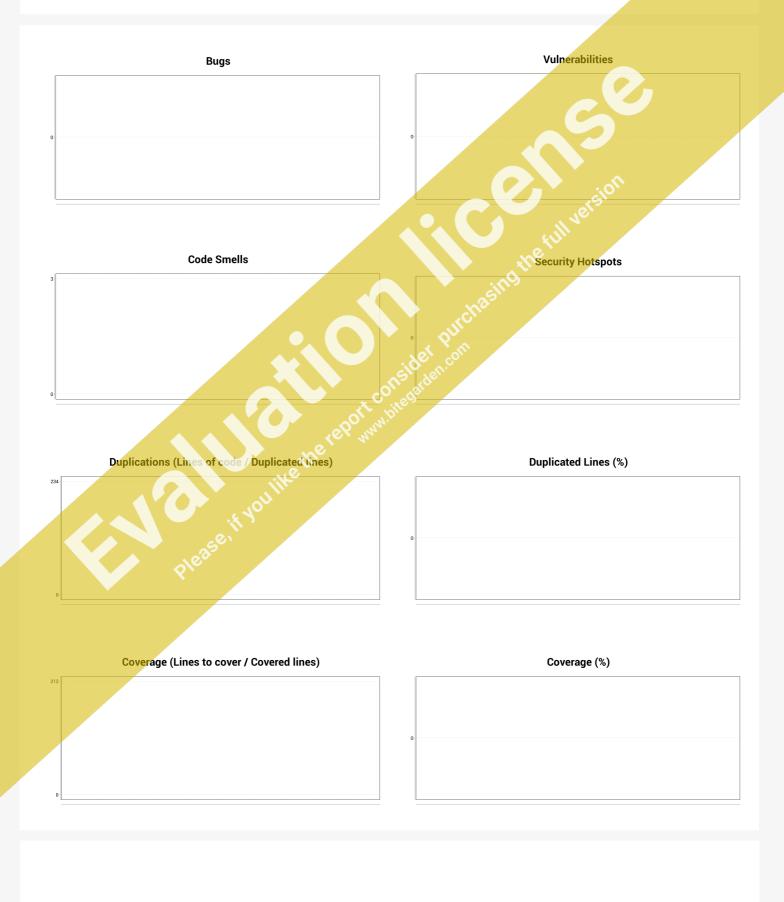
0%

Duplicated Blocks
0

Duplications on New Code
0

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Bugs

0

Vulnerabilities

0

Code Smells

3

0

Security Hotspots

0

Duplications (Lines of code / Duplicated lines)

234

0

Duplicated Lines (%)

0

Coverage (Lines to cover / Covered lines)

212

0

Coverage (%)

0

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Top Common Issues

Severity	Rule	Type	# Issues
⬇	Unused local variables should be removed (py)		1
🔺	Sections of code should not be commented out (py)		1
🔺	Cognitive Complexity of functions should not be too high (py)		1

Severity Levels
- ❗ Blocker
- 🔺 Critical
- 🔺 Major
- ⬇ Minor
- ℹ Info

🔗 Multipe severities found

Issue Types
- 🐛 Bug
- 🔓 Vulnerability
- 🛈 Security Hotspot
- ⚛ Code Smell

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Top Issues By Severity

Severity	Rule	Type	# Issues
⬆	Cognitive Complexity of functions should not be too high (py)		1
⬆	Sections of code should not be commented out (py)		1
⬇	Unused local variables should be removed (py)		1

Severity Levels
- ❗ Blocker
- ⬆ Critical
- ⬆ Major
- ⬇ Minor
- ℹ 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
- ⓘ Info

🔗 Multipe severities found

Issue Types
- 🐞 Bug
- 🔓 Vulnerability
- ⓘ Security Hotspot
- ⊛ Code Smell

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Rule

Cognitive Complexity of functions should not be too high

Language
py

Issues
1

Cognitive Complexity is a measure of how hard the control flow of a function is to understand.

🏷 **brain-overload**

Issues Breakdown

show_history.py   **L19**
Refactor this function to reduce its Cognitive Complexity from 23 to the 15 allowed.

Rule

Language   Issues

Sections of code should not be commented out

py   1

Programmers should not comment out code as it bloats programs and reduces readability.

🏷 **unused**

Issues Breakdown

📄 atm.py   **L13**
Remove this commented out code.

Rule
Unused local variables should be removed

Language
py

Issues
1

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

🏷 unused

Issues Breakdown

📄 change_password.py   **L10**
Remove the unused local variable "i".