HOTELMANAGER

Branch : main

VERSION 1.0-SNAPSHOT

Code analysis

By: Administrator

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CONTENT

INTRODUCTION

This document contains results of the code analysis of HotelManager.

CONFIGURATION

- Quality Profiles

  o Names: Sonar way [Java]; Sonar way [XML];

  o Files: 7bed79cd-2b76-42ed-9ec0-14b99c398edf.json; a5231c3e-d195-4ae3-8449-7b562d5a529e.json;

- Quality Gate

  o Name: Sonar way

  o File: Sonar way.xml

HotelManager

SYNTHESIS

ANALYSIS STATUS

Reliability	Security	Security Review	Maintainability
A	A	A	A

QUALITY GATE STATUS

Quality Gate Status	Failed

Metric	Value
Coverage on New Code	ERROR (62.2% is less than 80%)
Duplicated Lines (%) on New Code	OK
New Issues	ERROR (51 is greater than 0)

METRICS

Coverage	Duplication	Comment density	Median number of lines of code per file	Adherence to coding standard
65.0 %	4.0 %	14.6 %	55.0	100.0 %

TESTS

Total	Success Rate	Skipped	Errors	Failures
54	100.0 %	0	0	0

DETAILED TECHNICAL DEBT

Reliability	Security	Maintainability	Total
-	-	1d 0h 30min	**1d 0h 30min**

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## METRICS RANGE

	Cyclomatic Complexity	Cognitive Complexity	Lines of code per file	Comment density (%)	Coverage	Duplication (%)
Min	0.0	0.0	4.0	1.0	0.0	0.0
Max	104.0	91.0	775.0	55.6	100.0	37.3

VOLUME

Language	Number
Java	636
XML	548
Total	1184

ISSUES

CHARTS

Number of issues by severity

0%00%

100%

- ■ BLOCKER
- ■ CRITICAL
- ■ MAJOR
- ■ MINOR
- ■ INFO

Number of issues by type

0%

100%

- ■ BUG
- ■ VULNERABILITY
- ■ CODE_SMELL

6

Evolution of number of issues

Evolution of technical debt ratio (%)

HotelManager
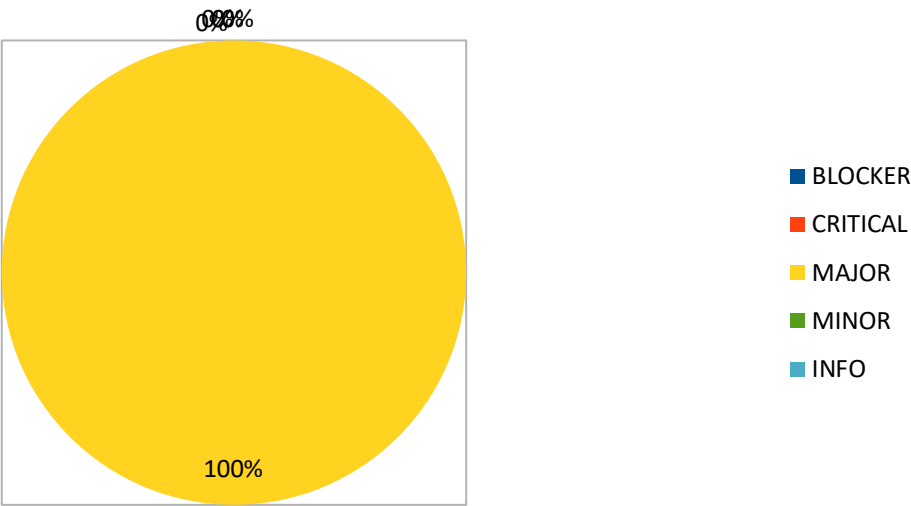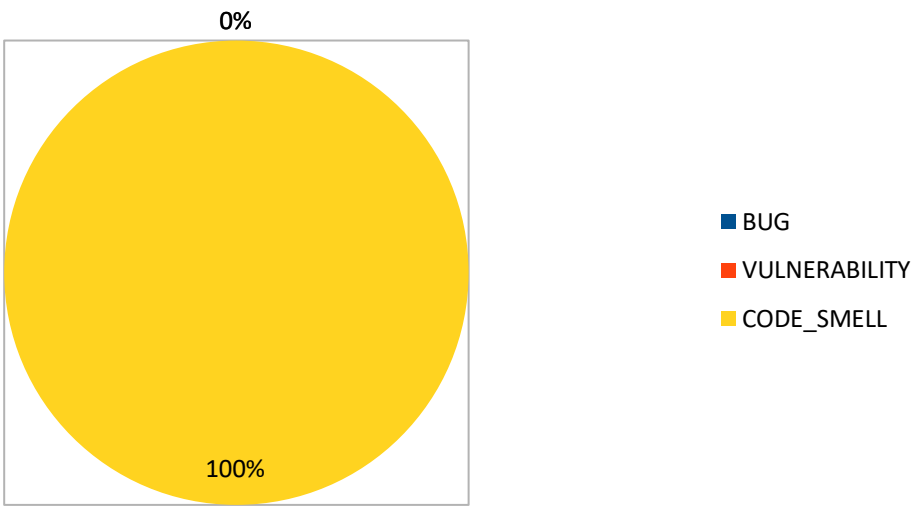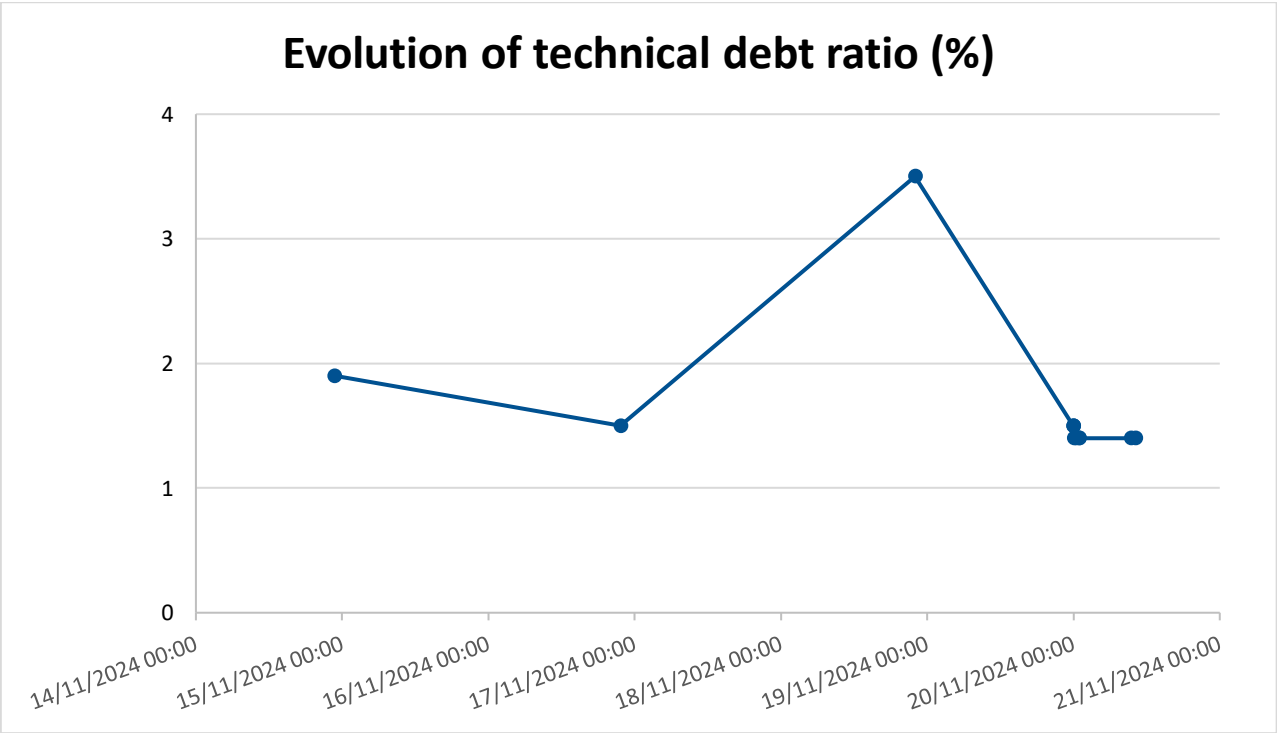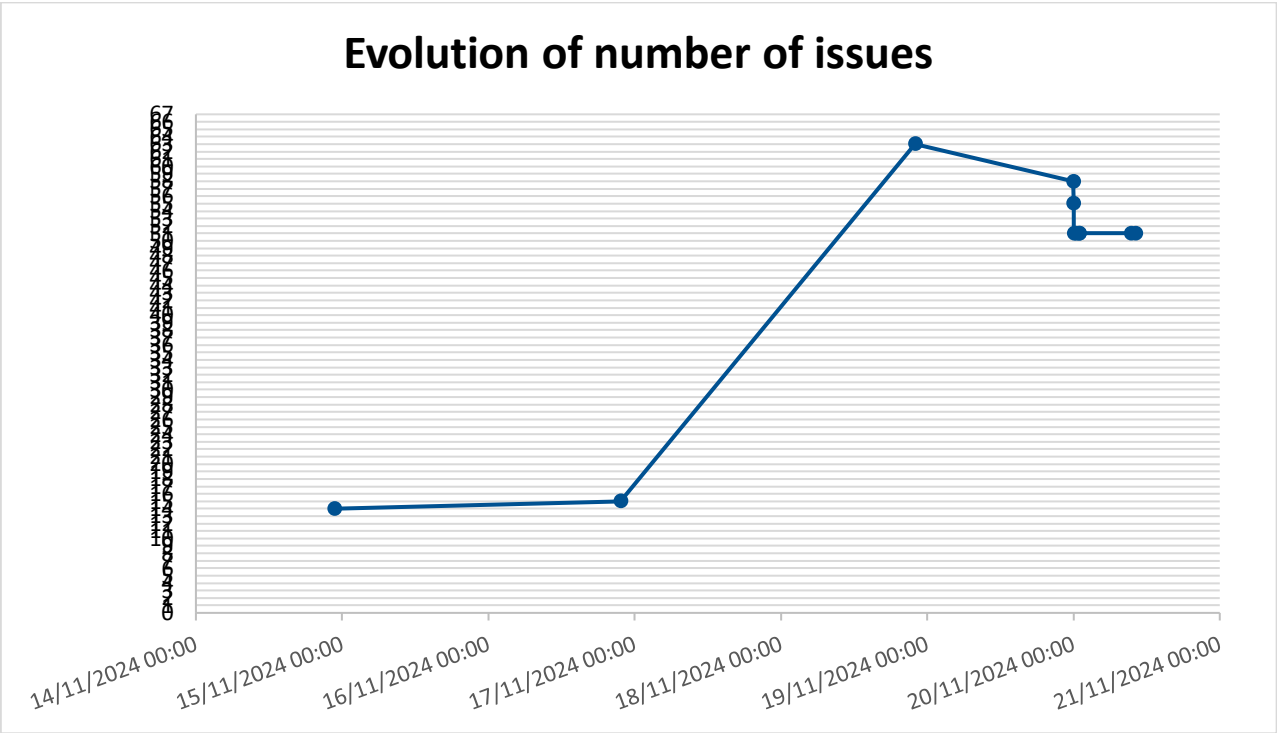
ISSUES COUNT BY SEVERITY AND TYPE

Type / Severity	INFO	MINOR	MAJOR	CRITICAL	BLOCKER
BUG	0	0	0	0	0
VULNERABILITY	0	0	0	0	0
CODE_SMELL	0	0	51	0	0

ISSUES LIST

Name	Description	Type	Severity	Number
Standard outputs should not be used directly to log anything		CODE_SMELL	MAJOR	51

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SECURITY HOTSPOTS

SECURITY HOTSPOTS COUNT BY CATEGORY AND PRIORITY

Category / Priority	LOW	MEDIUM	HIGH
LDAP Injection	0	0	0
Object Injection	0	0	0
Server-Side Request Forgery (SSRF)	0	0	0
XML External Entity (XXE)	0	0	0
Insecure Configuration	0	0	0
XPath Injection	0	0	0
Authentication	0	0	0
Weak Cryptography	0	0	0
Denial of Service (DoS)	0	0	0
Log Injection	0	0	0
Cross-Site Request Forgery (CSRF)	0	0	0
Open Redirect	0	0	0
Permission	0	0	0
SQL Injection	0	0	0
Encryption of Sensitive Data	0	0	0
Traceability	0	0	0
Buffer Overflow	0	0	0
File Manipulation	0	0	0
Code Injection (RCE)	0	0	0

Cross-Site Scripting (XSS)	0	0	0
Command Injection	0	0	0
Path Traversal Injection	0	0	0
HTTP Response Splitting	0	0	0
Others	0	0	0

SECURITY HOTSPOTS LIST