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| --- |
| XX-PROJECTNAME-XX  Version XX-VERSION-XX  Code analysis |

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| **By: XX-AUTHOR-XX**  **XX-DATE-XX** |

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# Introduction

This document contains results of the code analysis of XX-PROJECTNAME-XX.

XX-DESCRIPTION-XX

# Configuration

* Quality Profiles
  + Names: XX-QUALITYPROFILENAME-XX
  + Files: XX-QUALITYPROFILEFILE-XX
* Quality Gate
  + Name: XX-QUALITYGATENAME-XX
  + File: XX-QUALITYGATEFILE-XX

# Synthesis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Quality Gate | Reliability | Security | Maintainability | Coverage | Duplication |
| XX-QUALITYGATE-XX | **XX-RELIABILITY-XX** | **XX-SECURITY-XX** | **XX-MAINTAINABILITY-XX** | **XX-COVERAGE-XX %** | **XX-DUPLICATION-XX %** |

# Metrics

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cyclomatic  Complexity | Cognitive  Complexity | Lines of code per file | Comment  density (%) | Coverage | Duplication (%) |
| Min | XX-MINCOMPLEXITY-XX | XX-MINCOGNITIVECOMPLEXITY-XX | XX-MINNCLOC-XX | XX-MINCOMMENTDENSITY-XX | XX-MINCOVERAGE-XX | XX-MINDUPLICATION-XX |
| Max | XX-MAXCOMPLEXITY-XX | XX-MAXCOGNITIVECOMPLEXITY-XX | XX-MAXNCLOC-XX | XX-MAXCOMMENTDENSITY-XX | XX-MAXCOVERAGE-XX | XX-MAXDUPLICATION-XX |

# Volume

|  |
| --- |
| $VOLUME |

# Issues count by severity and type

|  |
| --- |
| $ISSUES\_COUNTS |

# Charts

# Issues

|  |
| --- |
| $ISSUES\_DETAILS |

**(\*) Base Score Metrics:**  shows the components of the [CVSS](https://www.first.org/cvss) score for example and allows you to refine the CVSS base score. It will show a score range of each issue. For further information, click [here](https://nvd.nist.gov/vuln-metrics/cvss/v2-calculator).

# Improvement suggestions

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| $IMPROVEMENTS |

Finally, it is shown the issues founded on the proyect, with the OwaspTop10 rule detected. It will show the file where the issue was founded, a brief explanation of the Owasp rule and its final mitigation. For further information click [here](https://owasp.org/www-project-top-ten/).

# IMPROVEMENT

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| $OWASP |