

# **Executive Report**

**Project Name** 

15\_flask\_biolerplate

Size Rating



Lines of Code

170

Branch 🎾 main

> Version not provided

**Analysis Date** 2023-01-04

**Quality Gate** 

#### Reliability



**Bugs** 

0

**Reliability on New Code** 

New Bugs

**Security** 



**Vulnerabilities** 

otspots

**New Security Hotspots** 

amcainability



**Code Smells** 

8

**Debt Ratio** 

0.2%

Maintainability on New Code

New Code Smells

**Debt Ratio on New Code** 

0



₩ Bug

Vulnerability

Blocker

Critical

Major

Minor 1 Info

Coverage



0%

**Unit Tests** 

0

Coverage on New Code

0

**Duplications** 



0%

**Duplicated Blocks** 

0

**Duplications on New Code** 



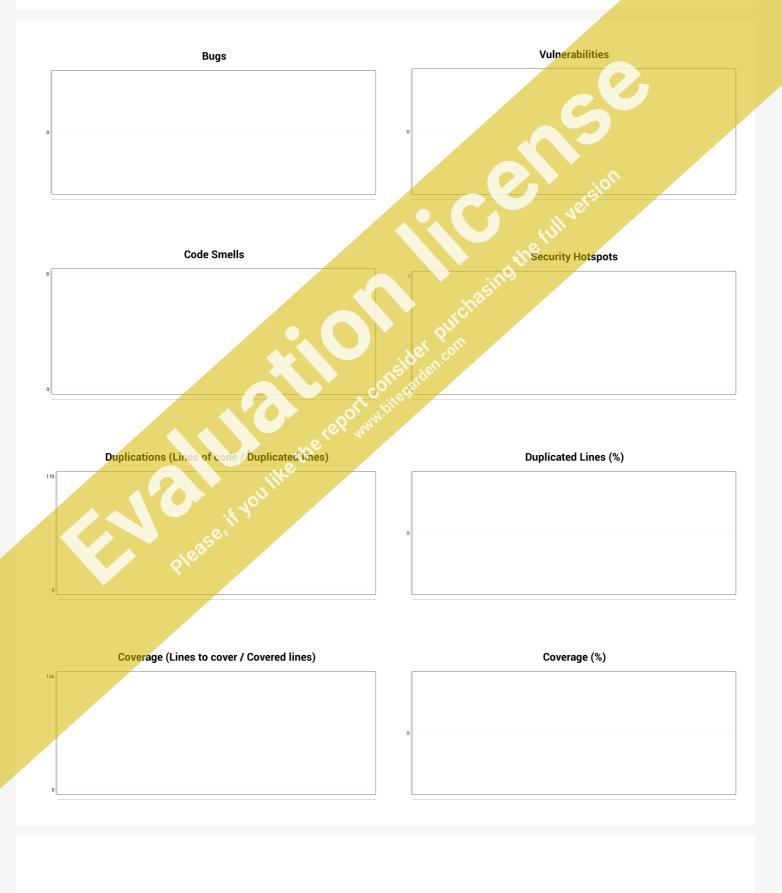






Project Name 15\_flask\_biolerplate Branch main
Version not provided

Analysis Date 2023-01-04





# **Issues Breakdown**



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 not provided **Analysis Date** 2023-01-04

## **Top Common Issues**

Severity 0 Track uses of "TODO" tags (py) • Wildcard imports should not be used (py) • The first argument to class methods should follow the naming convention (py) Boolean checks should not be inverted (py)

**Severity Levels** 

Blocker Critical Major

Minor

1 Info

% Multipe severities found

**Issue Types** 

₩ Bug

← Vulnerability ① Security Hotspot

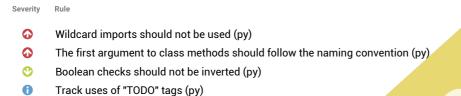


# **Issues Breakdown**



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# **Top Issues By Severity**



**Severity Levels** 

Blocker Critical

Major Minor 1 Info

% Multipe severities found

**Issue Types** 

₩ Bug

← Vulnerability ① Security Hotspot





# **Security HotSpots Breakdown**



**Project Name** 15\_flask\_biolerplate

Severity

**№** Branch Version not provided **Analysis Date** 2023-01-04

# **Top Security HotSpots to Review**

• Disabling CSRF protections is security-sensitive (py)

**Severity Levels** 

Blocker Critical Major

Minor

1 Info

% Multipe severities found

**Issue Types** 

₩ Bug

← Vulnerability ① Security Hotspot



Code Smell S2208

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**Analysis Date** 2023-01-04



Wildcard imports should not be used

Language ру

Issues

1

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

pitfall

Issues Breakdown

core/configurations/logging\_configuration.py Import only needed names or import the module and then use its members. L2



Code Smell S2710

**Project Name** 15\_flask\_biolerplate 👂 Branch

Version not provided

**Analysis Date** 2023-01-04

The first argument to class methods should follow the naming convention

By convention, the first argument to class methods, i.e.

Language

Issues 1

confusing convention pitfall

Issues Breakdown

data/db\_provider\_factory.py Rename "self" to a valid class parameter name or add the missing class parameter L9

bite**garden** 



Security HotSpot **S4502** 

**Project Name** 15\_flask\_biolerplate 👂 Branch Version not provided **Analysis Date** 2023-01-04

#### Disabling CSRF protections is security-sensitive

Language

Issues

ру

1

A cross-site request forgery (CSRF) attack occurs when a trusted user of a web application car in for by an attacker, to perform sensitive actions that he didn't intend, such as updating his profile or sensitive a message, more generally anything that can change the state of the application.

cwe django flask owasp-a6 sans-top25-insecure

Issues Breakdown

ui/server.py Make sure disabling CSRF protection is safe here. L10



Code Smell S1940



Project Name 15\_flask\_biolerplate Branch m

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Rule
Boolean checks should not be inverted

Language py

<del>289</del>

Issues
1

It is needlessly complex to invert the result of a boolean comparison.



pitfall

Issues Breakdown

core/logging/LoggerProvider.pyUse the opposite operator ("not in") instead.

L26

Y.



Code Smell **S1135** 

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 **Analysis Date** 15\_flask\_biolerplate 2023-01-04 not provided



### Track uses of "TODO" tags

Language

Issues

ру

5

TODO tags are commonly used to mark places where some more code is required, but which the deve wants to implement later.



cwe

#### Issues Breakdown

core/configurations/db.py Complete the task associated to this "TODO" comment.

L18

core/configurations/db.py Complete the task associated to this "TODO" comment. L27

core/configurations/env.py Complete the task associated to this "TODO" comment.

L1

data/mongo\_db\_provider.py Complete the task associated to this "TOD

L43

Please if you like the data/mongo\_db\_provider.py Complete the task associated to this

L47