sonar

CMPUT402W16T2
1.0.x

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1. CMPUT402W16T2

This chapter presents an overview of the project measures. This dashboard shows the most important measures related to project quality, and it provides a good starting point for identifying problems in source code.

1.1. Report Overview

Static Analysis

Lines of code

446

N/A packages
4 classes
29 methods
0.0% duplicated lines

Comments

11.2%

56 comment lines

Complexity

2.7

18.5 /class
79 decision points

Dynamic Analysis

Code Coverage

N/A

N/A tests

Test Success

N/A

N/A failures
N/A errors

Coding Rules Issues

Technical Debt

3h 10min

Issues

38

1.2. Issues Analysis

Most violated rules	
Useless parentheses around expressions should be removed to prevent any misunderstanding	6
Methods that don't access instance data should be "static"	5
Sections of code should not be "commented out"	2
"pass" should not be used needlessly	1

Function names should comply with a naming convention	1

Most violated files	
logcontroller.py	11
expanded_tk.py	10
videocontroller.py	9
frame.py	6
settings.py	1

Most complex files	
frame.py	21
logcontroller.py	20
videocontroller.py	20
expanded_tk.py	13
main.py	5

Most duplicated files	
No duplications	

1.3. Issues Details

Rule	Useless parentheses around expressions should be removed to prevent any misunderstanding
File	Line
logcontroller.py	47
videocontroller.py	49, 42
frame.py	110
logcontroller.py	91, 53, 66

Rule	Methods that don't access instance data should be "static"
File	Line
logcontroller.py	110, 81, 73
videocontroller.py	125
frame.py	122, 129

Rule	Sections of code should not be "commented out"	
File		Line
expanded_tk.py		136, 114

Rule	"pass" should not be used needlessly	
File		Line
main.py		43

Rule	Function names should comply with a naming convention	
File		Line
frame.py		58

Rule	Collapsible "if" statements should be merged	
File		Line
logcontroller.py		66

Rule	IP addresses should not be hardcoded	
File		Line
logcontroller.py		64
settings.py		3

Rule	Method names should comply with a naming convention	
File		Line
logcontroller.py		110, 99, 39
videocontroller.py		100, 140, 37, 64
frame.py		19, 43, 28
expanded_tk.py		165, 60, 97, 54, 110, 70, 84, 57
logcontroller.py		73
videocontroller.py		118

Rule	Local variable and function parameter names should comply with a naming convention	
File		Line

| videocontroller.py | 83 |