



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

348

N/A packages

4 classes

26 methods

0.0% duplicated lines

Comments

10.5%

41 comment lines

Complexity

2.5

15.0 /class

66 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

2h 54min

Issues

35

1.2. Issues Analysis

Most violated rules	
Useless parentheses around expressions should be removed to prevent any misunderstanding	7
Methods that don't access instance data should be "static"	3
Sections of code should not be "commented out"	2
"pass" should not be used needlessly	1

Control flow statements "if", "for", "while", "try" and "with" should not be nested too deeply	1
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Most violated files	
logcontroller.py	13
expanded_tk.py	10
videocontroller.py	7
frame.py	4
main.py	1

Most complex files	
videocontroller.py	18
logcontroller.py	18
expanded_tk.py	13
frame.py	11
main.py	6

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	36	
videocontroller.py	49, 36	
frame.py	38	
logcontroller.py	73, 47, 43	

Rule	Methods that don't access instance data should be "static"	
File	Line	
logcontroller.py	87, 81, 60	

Rule	Sections of code should not be "commented out"	
File	Line	
expanded_tk.py	134, 112	

Rule	"pass" should not be used needlessly	
File	Line	
main.py	40	

Rule	Control flow statements "if", "for", "while", "try" and "with" should not be nested too deeply	
File	Line	
videocontroller.py	49	

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

Rule	Collapsible "if" statements should be merged	
File	Line	
logcontroller.py	43	

Rule	Method names should comply with a naming convention	
File	Line	
logcontroller.py	87, 81, 32	
videocontroller.py	90, 112, 30, 58	
frame.py	19, 40, 28	
expanded_tk.py	163, 59, 95, 53, 108, 69, 82, 56	
logcontroller.py	60	