Checkstyle Results

The following document contains the results of Checkstyle   8.17 with CSE1105.checkstyle.xml ruleset. `XML`

Summary

Files	ℹ️ Info	⚠️ Warnings	❌ Errors
41	0	84	0

Files

File	ℹ️ I	⚠️ W	❌ E
client/Main.java	0	3	0
client/ServerRequests.java	0	15	0
client/loginscreen/LoginController.java	0	2	0
client/loginscreen/LoginRequest.java	0	1	0
client/loginscreen/SignUpController.java	0	3	0
client/objects/Activity.java	0	1	0
client/objects/Item.java	0	1	0
client/profilescreen/ImageChooser.java	0	1	0
client/user/Achievement.java	0	1	0
client/user/ClientUser.java	0	4	0
client/windows/AgendaController.java	0	9	0
client/windows/Badges.java	0	21	0
client/windows/MainScreen.java	0	1	0
client/windows/MainScreenController.java	0	1	0
client/windows/OverviewController.java	0	6	0
server/helper/ClientUserClass.java	0	1	0
server/user/AchievementController.java	0	5	0
server/user/UserController.java	0	8	0

Rules

Category	Rule	Violations	Severity
coding	IllegalCatch	2	⚠️ Warning
imports	AvoidStarImport	2	⚠️ Warning
	CustomImportOrder	6	⚠️ Warning

- sortImportsInGroupAlphabetically: "true"
- specialImportsRegExp: "com.google"
- customImportOrderRules:
  "STATIC###SPECIAL_IMPORTS###THIRD_PARTY_PACKAGE###STANDARD_JAVA_PACKAGE"

| | UnusedImports | 1 | ⚠ Warning |

| indentation | Indentation | 8 | ⚠ Warning |

- arrayInitIndent: "4"
- caseIndent: "4"
- basicOffset: "4"

| javadoc | JavadocMethod | 4 | ⚠ Warning |

- scope: "public"
- allowThrowsTagsForSubclasses: "true"
- allowMissingThrowsTags: "true"
- allowMissingReturnTag: "true"
- minLineCount: "2"
- allowedAnnotations: "Override, Test"
- allowMissingParamTags: "true"

| | SummaryJavadoc | 1 | ⚠ Warning |

- forbiddenSummaryFragments: "^@return the *|^This method returns |^A [{]@code [a-zA-Z0-9]+[}](is a)"

| metrics | CyclomaticComplexity | 2 | ⚠ Warning |

| naming | AbbreviationAsWordInName | 2 | ⚠ Warning |

- ignoreFinal: "false"
- allowedAbbreviationLength: "1"

| | MemberName | 5 | ⚠ Warning |

- format: "^[a-z][a-z0-9][a-zA-Z0-9]*$"

| | ParameterName | 2 | ⚠ Warning |

- format: "^[a-z][a-z0-9][a-zA-Z0-9]*$"

| sizes | LineLength | 14 | ⚠ Warning |

- max: "100"
- ignorePattern: "^package.*|^import.*|a href|href|http://|https://|ftp://"

| | ParameterNumber | 2 | ⚠ Warning |

| whitespace | OperatorWrap | 1 | ⚠ Warning |

- tokens: "BAND, BOR, BSR, BXOR, DIV, EQUAL, GE, GT, LAND, LE, LITERAL_INSTANCEOF, LOR, LT, MINUS, MOD, NOT_EQUAL, PLUS, QUESTION, SL, SR, STAR "
- option: "NL"

| | WhitespaceAround | 32 | ⚠ Warning |

- allowEmptyConstructors: "true"
- allowEmptyMethods: "true"
- allowEmptyLoops: "true"
- allowEmptyTypes: "true"

Details

client/Main.java

Severity	Category	Rule	Message	Line
⚠ Warning	imports	CustomImportOrder	Import statement for 'com.google.common.hash.Hashing' is in the wrong order. Should be in the 'SPECIAL_IMPORTS' group, expecting group 'STANDARD_JAVA_PACKAGE' on this line.	9
⚠ Warning	imports	CustomImportOrder	Import statement for 'com.google.gson.Gson' is in the wrong order. Should be in the 'SPECIAL_IMPORTS' group, expecting group 'STANDARD_JAVA_PACKAGE' on this line.	10
⚠ Warning	imports	CustomImportOrder	Import statement for 'com.google.gson.GsonBuilder' is in the wrong order. Should be in the 'SPECIAL_IMPORTS' group, expecting group 'STANDARD_JAVA_PACKAGE' on this line.	11

client/ServerRequests.java

Severity	Category	Rule	Message	Line
⚠ Warning	imports	CustomImportOrder	Import statement for 'com.google.gson.reflect.TypeToken' is in the wrong order. Should be in the 'SPECIAL_IMPORTS' group, expecting group 'STANDARD_JAVA_PACKAGE' on this line.	8
⚠ Warning	metrics	CyclomaticComplexity	Cyclomatic Complexity is 11 (max allowed is 10).	75
⚠ Warning	coding	IllegalCatch	Catching 'Exception' is not allowed.	162
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 103).	251
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 104).	266
⚠ Warning	javadoc	JavadocMethod	Missing a Javadoc comment.	285
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	288
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 101).	289
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 112).	292
⚠ Warning	javadoc	JavadocMethod	Missing a Javadoc comment.	297
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	300
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 103).	301
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 114).	304
⚠ Warning	javadoc	JavadocMethod	Missing a Javadoc comment.	309
⚠ Warning	coding	IllegalCatch	Catching 'Exception' is not allowed.	348

client/loginscreen/LoginController.java

Severity	Category	Rule	Message	Line

| ⚠️ Warning | naming | MemberName | Member name 'tf_username' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'. | 32 |
| ⚠️ Warning | naming | MemberName | Member name 'pf_password' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'. | 34 |

client/loginscreen/LoginRequest.java

Severity	Category	Rule	Message	Line
⚠️ Warning	javadoc	JavadocMethod	Unused Javadoc tag.	95

client/loginscreen/SignUpController.java

Severity	Category	Rule	Message	Line
⚠️ Warning	naming	MemberName	Member name 'tf_username' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'.	35
⚠️ Warning	naming	MemberName	Member name 'tf_email' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'.	37
⚠️ Warning	naming	MemberName	Member name 'pf_password' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'.	39

client/objects/Activity.java

Severity	Category	Rule	Message	Line
⚠️ Warning	naming	ParameterName	Parameter name 'o' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'.	108

client/objects/Item.java

Severity	Category	Rule	Message	Line
⚠️ Warning	naming	ParameterName	Parameter name 'o' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*$'.	69

client/profilescreen/ImageChooser.java

Severity	Category	Rule	Message	Line
⚠️ Warning	imports	CustomImportOrder	Import statement for 'javafx.stage.FileChooser' is in the wrong order. Should be in the 'THIRD_PARTY_PACKAGE' group, expecting not assigned imports on this line.	10

client/user/Achievement.java

Severity	Category	Rule	Message	Line
⚠️ Warning	sizes	LineLength	Line is longer than 100 characters (found 102).	41

client/user/ClientUser.java

Severity	Category	Rule	Message	Line

⚠️ Warning	sizes	ParameterNumber	More than 7 parameters (found 11).	59
⚠️ Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'getImageURL' must contain no more than '2' consecutive capital letters.	196
⚠️ Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'setImageURL' must contain no more than '2' consecutive capital letters.	206
⚠️ Warning	metrics	CyclomaticComplexity	Cyclomatic Complexity is 15 (max allowed is 10).	301

client/windows/AgendaController.java

Severity	Category	Rule	Message	Line
⚠️ Warning	imports	CustomImportOrder	Import statement for 'com.google.common.collect.Multimap' is in the wrong order. Should be in the 'SPECIAL_IMPORTS' group, expecting group 'STANDARD_JAVA_PACKAGE' on this line.	12
⚠️ Warning	imports	AvoidStarImport	Using the '.*' form of import should be avoided - javafx.scene.control.*.	26
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	193
⚠️ Warning	whitespace	OperatorWrap	'+' should be on a new line.	260
⚠️ Warning	indentation	Indentation	'block' child has incorrect indentation level 20, expected level should be one of the following: 12, 16.	290
⚠️ Warning	indentation	Indentation	'block' child has incorrect indentation level 20, expected level should be one of the following: 12, 16.	291
⚠️ Warning	sizes	LineLength	Line is longer than 100 characters (found 115).	292
⚠️ Warning	indentation	Indentation	'block' child has incorrect indentation level 20, expected level should be one of the following: 12, 16.	293
⚠️ Warning	indentation	Indentation	'block rcurly' has incorrect indentation level 16, expected level should be one of the following: 8, 12.	294

client/windows/Badges.java

Severity	Category	Rule	Message	Line
⚠️ Warning	imports	UnusedImports	Unused import - java.util.stream.Stream.	12
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	25
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	26
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	44
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	45
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	65
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block	66

			statement (4.1.3)	
⚠️ Warning	sizes	LineLength	Line is longer than 100 characters (found 104).	67
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: '+' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	67
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: '+' is not preceded with whitespace.	67
⚠️ Warning	indentation	Indentation	'if' child has incorrect indentation level 20, expected level should be 16.	68
⚠️ Warning	indentation	Indentation	'if' has incorrect indentation level 20, expected level should be 16.	69
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	69
⚠️ Warning	indentation	Indentation	'if' child has incorrect indentation level 24, expected level should be 20.	70
⚠️ Warning	indentation	Indentation	'if rcurly' has incorrect indentation level 20, expected level should be 16.	71
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	84
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	85
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	100
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	101
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	119
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	120

client/windows/MainScreen.java

Severity	Category	Rule	Message	Line
⚠️ Warning	sizes	LineLength	Line is longer than 100 characters (found 101).	45

client/windows/MainScreenController.java

Severity	Category	Rule	Message	Line
⚠️ Warning	imports	AvoidStarImport	Using the '.*' form of import should be avoided - javafx.scene.control.*.	12

client/windows/OverviewController.java

Severity	Category	Rule	Message	Line
⚠️	whitespace	WhitespaceAround	WhitespaceAround: 'for' is not followed by whitespace. Empty blocks	85

Warning			may only be represented as {} when not part of a multi-block statement (4.1.3)	
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '{' is not preceded with whitespace.	85
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '+' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	87
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '+' is not preceded with whitespace.	87
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '+' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	88
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '+' is not preceded with whitespace.	88

server/helper/ClientUserClass.java

Severity	Category	Rule	Message	Line
⚠ Warning	sizes	ParameterNumber	More than 7 parameters (found 11).	34

server/user/AchievementController.java

Severity	Category	Rule	Message	Line
⚠ Warning	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	28
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'while' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	38
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '}' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	45
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'catch' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	45
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'catch' is not preceded with whitespace.	45

server/user/UserController.java

Severity	Category	Rule	Message	Line
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 139).	76
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 132).	80
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 106).	153
⚠ Warning	sizes	LineLength	Line is longer than 100 characters (found 101).	248
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'if' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	250
⚠ Warning	whitespace	WhitespaceAround	WhitespaceAround: '}' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	260

⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'catch' is not followed by whitespace. Empty blocks may only be represented as {} when not part of a multi-block statement (4.1.3)	260
⚠️ Warning	whitespace	WhitespaceAround	WhitespaceAround: 'catch' is not preceded with whitespace.	260