

Code Inspection Report

*Anti-Spam Configuration Software
Development Project*

BSc/MSc in [LEI | LIGE | METI]
Academic Year 2017/2018 - 1º Semester
Software Engineering I

Group 107
61161, Michael Carvalho, LEI-PL
62189, Miguel Amaro, LEI-PL
65175, Mauro Pinto, LEI-PL
73640, Maria João Canedo, LIGE-PL

ISCTE-IUL, Instituto Universitário de Lisboa
1649-026 Lisbon
Portugal

December 16th 2017

Table of Contents

Introduction 3

Code inspection – Name of the component being inspected 3

Code inspection checklist 3

Found defects..... 3

Corrective measures..... 4

Conclusions of the inspection process 4

Introduction

Automatic anti-spam service configuration.

Code inspection – AntiSpamConfiguration

Full project inspection

Meeting date:	16/12/2017
Meeting duration:	60 minutes
Moderator:	Maria João Canedo
Producer:	Miguel Amaro
Inspector:	Mauro Pinto
Recorder:	Michael Carvalho
Component name (Package/Class/Method):	pt.iscte.es1.antiSpamFilter
Component was compiled:	YES
Component was executed:	YES
Component was tested without errors:	YES
Testing coverage achieved:	80%

Code inspection checklist

The checklist for Java code inspection used in this project is available at http://www.cs.toronto.edu/~sme/CSC444F/handouts/java_checklist.pdf and in blackboard ES1 page.

Found defects

Identify and describe found defects, opinions and suggestions.

Found defect Id	Package, Class, Method, Line	Defect category	Description
1	SpamConfigurationController	VC	falsePositivesQuantity, falseNegativesQuantity podem ser privados
2	AntiSpamFilterConstants	CM	Missing class comments
3	PositiveNegativeParser	CM	Missing class and method comments
4	SpamConfigurationController::initialize	CM	Missing method comments
5	SelectPathController::getStage	CM	Missing method comments
6	WeightedRule: <ul style="list-style-type: none">• setWeight()• validateWeight()	CM	Missing method comments
7	RulesWriter: <ul style="list-style-type: none">• write• constructor	CM	Comments don't reflect what's being done, missing parameter
8	SpamConfigurationController::handleNSGAI	LP	Spaces used instead of tabs
9	Alert messages across the project	IO	Double punctuation signs

Corrective measures

The defect will be corrected in a specific commit.

Conclusions of the inspection process

We found that only minor changes were needed and, overall, the project satisfies the java quality inspection checklist.

We decided not to add comments to the attributes because their names are self-explanatory.