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|  | *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 Id 82  Student number 72773, Student name Sónia Araújo, Turma IC2  Student number 73686, Student name Mário Josá, Turma IC2  Student number 74330, Student name Abdul Karim, Turma IC2  Student number 69106, Student name Pedro Carneiro, Turma IC2  ISCTE-IUL, Instituto Universitário de Lisboa  1649-026 Lisbon  Portugal |

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# Introduction

# Code inspection – Name of the component being inspected

*Description of the software component being inspected*

|  |  |
| --- | --- |
| *Meeting date:*  *Meeting duration:*  *Moderator:*  *Producer:*  *Inspector:*  *Recorder:* | *??/??/2017*  *?? minutes*  *Sónia Araújo*  *Abdul, Pedro Carneiro, Mario*  *Sónia Araújo*  *Sónia Araujo* |
| *Component name (Package/Class/Method):* | *TableDataManipillator,Menusecundario, FileChooser, DataReader,Antispamautomatic* |
| *Component was compiled:* | *Sim* |
| *Component was executed:* | *Sim* |
| *Component was tested without errors:* | *DataReader* |
| *Testing coverage achieved:* | *---* |

# 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 | *DataReader* |  | Está a ser utilizado um ArrayList provocando assim um elevado numero de ciclos e um pior desempenho.  Pode ser usada outra estrutura de dados mais eficiente |

# Corrective measures

Pode ser usada outra estrutura de dados mais eficiente

# Conclusions of the inspection process

Os programadores vão alterar a estrutura de dados para map para o projeto ficar mais rápido e eficiente.