

Code Inspection Report

*'Bom Dia Academia' Software Development
Project*

BSc in LIGE
Academic Year 2018/2019 – 1st Semester
Software Engineering I

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Introduction

“Bom Dia Academia” application allows user to access and send information from Twitter, Facebook and Gmail. It disposes data in a timeline format, allows search filters creation and it even works offline.

Code inspection – ES1-2018-IC2-61

Meeting date:	07/12/2017
Meeting duration:	2 hours
Moderator:	Bruno Colaço
Producer:	All elements
Inspector:	All elements
Recorder:	Mariana Silva
Component name (Package/Class/Method):	src/BDA
Component was compiled:	Yes
Component was executed:	Yes
Component was tested without errors:	Yes
Testing coverage achieved:	77.7%

Found defects

Found defect Id	Package, Class, Method, Line	Defect category	Description
1	Config.java, read(), line 124	VC	Variable name was not descriptive enough
2	FacebookHandler.java, line 25	VC	Variable is not used
3	EmailHandler.java, sendEmail(), line 82	VC	Variable name was not descriptive enough
4	EmailHandler.java, searchGmail(), line 123	VC	Variable name was not descriptive enough
5	GUI.java, configFrame(), line 536	VC	Variable name was not descriptive enough
6	GUI.java, configFrame(), line 602	VC	Variable name was not descriptive enough
7	GUI.java, configFrame(), line 668	VC	Variable name was not descriptive enough
8	GUI.java, addFrameContent(), line 91	LP	Method with more than 60 lines
9	GUI.java, configFrame(), line 531	LP	Method with more than 60 lines
10	GUI.java	LP	Class with more than 600 lines

Corrective measures

- 1 – Change “nl” to “nodeList” (correct until December 7th by Bruno Colaço);
- 2 – Delete accessToken2 variable (correct until December 7th by Bruno Colaço);
- 3 – Change “sessionl” to “sendingSession” (correct until December 7th by André Carvalho);

- 4 – Change “session2” to “receivingSession” (correct until December 7th by André Carvalho);
- 5 – Change “panel1” to “panelFb” (correct until December 7th by Maria Dinis);
- 6 – Change “panel2” to “panelTw” (correct until December 7th by Maria Dinis);
- 7 – Change “panel3” to “panelEmail” (correct until December 7th by Maria Dinis);
- 8/9/10 – It needs no changes.

Conclusions of the inspection process

After code inspection, methods and attributes are more clear. The app works as intended.