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|  | *Code Inspection Report*  *‘Bom Dia Academia’ Software Development Project*  BSc/MSc in [LEI]  Academic Year 2018/2019 - 1º Semester  Software Engineering I  Group Id 30  Student number 77984, Student name Nuno Francisco, Turma IC1  Student number 78298, Student name Tiago Lages, Turma IC1  Student number 77680, Student name André Pereira, Turma IC1  Student number 78109, Student name Beatriz Cardoso, Turma IC2  ISCTE-IUL, Instituto Universitário de Lisboa  1649-026 Lisbon  Portugal  November 2018 |

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# Introduction

This project consisted on a program that allows it’s user access his facebook, email and twitter accounts in the same interface.

# Code inspection – ES1\_30\_2018.ES1\_2018\_EIC1\_30

*This package consists of the gui and all the methods necessary for the project.*

|  |  |
| --- | --- |
| *Meeting date:*  *Meeting duration:*  *Moderator:*  *Producer:*  *Inspector:*  *Recorder:* | *07/12/2018*  *30 minutes*  *André Pereira*  *Tiago Lages*  *Nuno Francisco*  *Beatriz Cardoso* |
| *Component name (Package/Class/Method):* | *ES1\_30\_2018.ES1\_2018\_EIC1\_30* |
| *Component was compiled:* | *Yes* |
| *Component was executed:* | *Yes* |
| *Component was tested without errors:* | *Yes* |
| *Testing coverage achieved:* | *No* |

# Code inspection – ES1\_30\_2018.models

*This package consists of the objects necessary for the gui (JavaFX) to work with the outputs from the other classes.*

|  |  |
| --- | --- |
| *Meeting date:*  *Meeting duration:*  *Moderator:*  *Producer:*  *Inspector:*  *Recorder:* | *07/12/2018*  *10 minutes*  *André Pereira*  *Tiago Lages*  *Nuno Francisco*  *Beatriz Cardoso* |
| *Component name (Package/Class/Method):* | *ES1\_30\_2018.models* |
| *Component was compiled:* | *Yes* |
| *Component was executed:* | *Yes* |
| *Component was tested without errors:* | *Yes* |
| *Testing coverage achieved:* | *No* |

# Found defects

Identify and describe found defects, opinions and suggestions.

|  |  |  |  |
| --- | --- | --- | --- |
| **Found defect Id** | **Package, Class, Method, Line** | **Defect category** | **Description** |
| 1 | Facebook.java constructor.  DefaultFacebookClient object. |  | “Deprecated” warning. |
| 2 | Email.java. messages\_appear() |  | The messages were not appearing with letters. |
| 3 | Facebook.java accessToken | VC | accessToken was an attribute that should be constant. |
| 4 | Facebook.java all attributes | VC | All attributes on the facebook class were missing their access modifiers. |
| 5 | Email.java. email\_id | VC | email\_id was an attribute that should be a constant. |

# Corrective measures

1. This was corrected simply by suppressing the warning since it was the best way for the code to do what was necessary. (Tiago Lages)
2. This was corrected by implementing some code to decodify the messages. (Nuno Francisco)
3. Added “static final” to accessToken attribute. (Tiago Lages)
4. Added “private” to all Facebook.java attributes. (Tiago Lages)
5. Added “static final” to email\_id attribute. (Nuno Francisco)

# Conclusions of the inspection process

*After the inspection project we were left with cleaner and more correct code. Although, because we had just a few time to correct so many errors and develop so many other things, that needed to be done, we weren’t able to deliver a complete last version of the application. We tried to the very last minute, but there were too many things to correct that we couldn’t do so in the time that was given to us. Finally, it can be said that we learned how Software Engineering works even though we didn’t succeed. We did as was asked by scrum rules relative to the meetings and organization in Trello. In the future as we master the abilities that we learned it won’t be as hard to apply the concepts of this subject.*