Politecnico di Milano
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Software Engineering 2: "myTaxiService"
Code **I**nspection

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3.1 Naming Conventions

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3.7.1 20

The file ConnectorDeployer.java contains only the ConnectorDeployer public class.

3.7.2 21

The ConnectorDeployer public class is the first and only class in the file.

3.8 Package and Import Statements

3.8.1 24

The package statement package com.sun.enterprise.connectors.module; is the first non-comment statement and is followed by the import statements.

3.9 Class and Interface Declarations

3.10 Initialization and Declarations

3.11 Method Calls

3.12 Arrays

3.12.1 37

No issues were found regarding array indexing. All arrays and lists are accessed either with an enhanced for or in a while loop with an iterator that starts from

the first element and scans all the other elements until there are no more.

3.12.2   38

As explained in the previous point, no issues were found.

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3.13   Object Comparison

3.13.1   40

No issues were found regarding object comparisons as '==' is never used.

3.14   Output Format

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The only outputs of the methods that were assigned to us are the entries logged in the logger and they're all free of spelling and grammatical errors.

3.14.2   42

3.14.3   43

3.15   Computation, Comparisons and Assignments

3.15.1   44

No examples of brutish programming have been found.

3.16   Exceptions

3.16.1   52

3.16.2   53

Two issues have been found regarding appropriate actions taken in catch blocks because, in the following extracts from two of the methods assigned to us, no proper actions are taken:

- registerBeanValidator:

```
try {
    if (inputStream != null) {
        inputStream.close();
    }
} catch (Exception e) {
    // ignore ?
}
```

- getValidationMappingDescriptors:

```
try {
    reader.close();
} catch (Exception e) {
    //ignore ?
}
```

3.17 Flow of Control

3.18 Files

4 Other Highlighted Problems

5 Appendix

Appendix for Roberto Clapis
Work hours: 20

Software Used:

Task	Software
Edit LaTeX Source	Vim
Edit Graphs Sources	Vim
Edit sources for Sequence Diagrams	Vim
Convert Sequence Diagrams to images	Quick SequenceDiagramEditor
Generate and Raster directed graphs	Dot
Generate and Raster undirected graphs	Fdp
General images mangling and cropping	ImageMagick & Shotwell
Convert LaTeX source to PDF	LaTeXMK
Spell Check	Aspell
LaTeX Check	LaCheck

Appendix for Erica Stella
Work hours: 20

Software Used:

Task	Software
Edit LaTeX Source	TexStudio
Convert LaTeX source to PDF	LaTeXMK
Edit sources for Sequence Diagrams	Quick Sequence Diagram Editor
Convert Sequence Diagrams to images	Quick SequenceDiagramEditor