

# Case Analysis

*\*Obrigatório*

1. E-mail \*

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2. Start Time \*

Please indicate the time when you started to analyze this case. Take the time you think is necessary to analyze each case.

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*Exemplo: 08h30*

3. In your opinion, is there a problem of structural degradation in this case? \*

*Marcar apenas uma oval.*

☐ Yes *Pular para a pergunta 4*

☐ No *Pular para a pergunta 11*

Structural Degradation Identified

4. Description and justification of the degradation problem found \*

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5. What is the granularity of the identified degradation problem? \*

*Marcar apenas uma oval.*

- ☐ Implementation Level
- ☐ Architecture and Design Level

6. How do you rate the severity of the identified degradation problem? \*

The closer to 5, the greater the perceived severity.

*Marcar apenas uma oval por linha.*

	1	2	3	4	5
Severity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. How useful was the information provided by the static analysis tool to reach this conclusion? \*

The higher the rating, the greater the perceived usefulness.

*Marcar apenas uma oval por linha.*

	1	2	3	4	5
Usefulness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Describe what specific information was helpful in identifying the degradation problem. Such information may or may not have been provided by the tool. \*

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9. Do you believe that the refactorings suggested by the tool would be sufficient to remove the identified degradation problem? (for each smell check the "Refactorings Suggestion" tab) \*

*Marcar apenas uma oval.*

- ☐ Yes
- ☐ No
- ☐ Partially

10. Additional comments

Additional comments on this case or on your responses.

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*Pular para a pergunta 14*

### No Structural Degradation

11. How useful was the information provided by the static analysis tool to reach this conclusion? \*

The higher the rating, the greater the perceived usefulness.

*Marcar apenas uma oval por linha.*

	1	2	3	4	5
Usefulness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. Describe what information, provided or not by the tool, was most useful to rule out the existence of a degradation problem. \*

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13. Additional comments

Additional comments on this case or on your responses.

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### Case Analysis Completed

14. End Time \*

Please indicate the time when you finished analyzing this case.

Exemplo: 08h30

## 15. Case Description \*

In the static analysis software, click the "Copy Data and Open Next Case" button. The case description will be copied to the clipboard. Paste here the case description provided by the experiment tool. If, for any reason, you lose data from the clipboard, the description can also be copied from a file ("case\_ [case number]") that will be saved in the same folder as the static analysis software.

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