

Test Smells Describer

Improving Developer's Awareness about Test Suite Quality with Test Smell Summaries

1. Email address *

2. How well do you understand and relate the generated descriptions with the code?

Mark only one oval.

	1	2	3	4	5	
Not At All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Completely Understand

3. How would you rate the difficulty to understand the provided test smell descriptions at the method level?

Mark only one oval.

	1	2	3	4	5	
Not difficult to understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very difficult to understand

4. Would you like to modify the Smell Description on the method level? If yes, please specify in brief.

5. How would you rate the difficulty to understand the provided test smell descriptions on the class level?

Mark only one oval.

	1	2	3	4	5	
Not difficult to understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very difficult to understand

6. **Would you like to modify the general descriptions (on the class level) of the smell? If yes, please specify in brief.**

7. **Are the generated Test Smell Summaries useful to be more aware of the general test quality?**

Mark only one oval.

	1	2	3	4	5	
Less Useful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Most Useful

8. **Modifying the test code as suggested by the description provided by TSD is helpful?**

Mark only one oval.

	1	2	3	4	5	
Not Helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Completely Helpful

9. **What type of TSD descriptions do you find more relevant/useful for the performed tasks?**

10. **Impact of test case summaries on your perception of test cases.**

Mark only one oval.

	0	1	2	3	4	5	
No Impact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very High Impact

11. **Was the given time enough to complete both tasks?**

Mark only one oval.

☐ Yes

☐ No

12. How difficult are both tasks to understand and complete?*Mark only one oval.*

	1	2	3	4	5	
Very Easy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Difficult

13. Modifying the classes leads to better and improved code?*Mark only one oval.*

	1	2	3	4	5	
No Improvements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Many Improvements

14. The task without the generated comments/description is prohibitively difficult?*Mark only one oval.*

	1	2	3	4	5	
Not Difficult	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Difficult

15. Considering only the content of the generated comments/description and not the way it was presented, the description*Mark only one oval.*

- ☐ is not missing on any information.
- ☐ is missing on some information.
- ☐ is missing on some very important information.

16. If you feel we have missed out on some important information in the descriptions, please specify the information below.

17. Considering only the content of the generated comments/description and not the way it was presented, the description*Mark only one oval.*

- ☐ contains no unnecessary information.
- ☐ contains some unnecessary information.
- ☐ contains a lot of unnecessary information.

18. If the generated comments/description has unnecessary information, please specify.

19. Considering only the content of the generated comments/description and not the way it was presented, the description

Mark only one oval.

- ☐ is easy to read and understand.
- ☐ is somewhat readable and understandable.
- ☐ is hard to read and understand.

20. Do you have any suggestions to improve the readability of generated comments/description? If yes, please specify.

21. If you have any other comment to make, please make use of the below space.

A copy of your responses will be emailed to the address you provided