

Demographic Questions:

1. How many years of professional coding experience in Java do you have? (choose one)

- Less than 2 years
- 2 to 5 years
- 5 to 10 years
- More than 10 years

2. Have you used TOOL before? (choose one)

- Yes
- No

3. Do you use Visual Studio Code to write code? (choose one)

- Yes
- No

4. Have you written an application with the AWS SDK for Java before? (choose one)

- Yes
- No

Questions regarding the test sessions:

1. The task that I just completed was ... (choose one)

1 (Very difficult) 2 3 4 5 (Very easy)

2. I think that I would like to use this system frequently. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

3. I found the system unnecessarily complex. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

4. I thought the system was easy to use. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

5. I think that I would need the support of a technical person to be able to use this system. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

6. I found the various functions in this system were well integrated. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

7. I thought there was too much inconsistency in this system. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

8. I would imagine that most people would learn to use this system very quickly. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

9. I found the system very cumbersome to use. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

10. I felt very confident using the system. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

11. I needed to learn a lot of things before I could get going with this system. (choose one)

1 (Strongly disagree) 2 3 4 5 (Strongly agree)

12. Which features do you think that were useful (multiple choices)? (select all that apply)

IDE:

- Fetch recommendations of a matching scan to Visual Studio Code
- List recommendations in a problems view in Visual Studio Code
- Direct navigation to code by clicking on a recommendation
- Highlight relevant code and display recommendations in hover messages
- Recommendations are classified with weakness types
- Create repository analysis from Visual Studio Code
- Clear recommendations in Visual Studio Code
- Search recommendations in the problems view
- Customization of rule set filtering
- Customization of scope filtering
- Warning suppression
- Give feedback (thumbs up/down)
- Other

Web:

- List scans in the WebApp
- List recommendations in the WebApp
- Direct navigation to code in Git repository by clicking on a recommendation
- Create repository analysis from the WebApp
- Search scans in the WebApp
- Search recommendations in the WebApp
- Give feedback (thumbs up/down)
- Other

13. If you chose "Other" feature in the last question, tell us which

14. How many issues did you fix?

15. How did you know that you fixed the issues?

16. How did you decide which issues to fix first?

17. How likely are you to use TOOL with our Visual Studio Code extension/WebApp for such tasks in the future? (choose one)

Very unlikely Unlikely Likely Very likely

18. Tell us what needs to be improved.
