

## Survey: DSD Teams & WFH

Thank you for considering participation in this questionnaire, which is being conducted for research purposes. This survey will take approximately 10 minutes to complete, and your participation is entirely voluntary; you may withdraw at any time without consequences. All responses will be kept confidential, ensuring that individual answers remain anonymous and will only be reported in aggregate form.

You are eligible to participate if you are a member of the Distributed Software Development (DSD) team and have experience working from home (WFH).

We encourage you to answer each question to the best of your ability. Your input is invaluable and will significantly contribute to the PhD research work. By proceeding with this questionnaire, you acknowledge that your responses may be used anonymously for research and analysis purposes.

Thank you for your participation!

\* Indicates required question

1. Email \*

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### Section – Demographic Information

This section collects the demographic information of the participants

2. What role do you play in the Distributed Software Development (DSD) team? \*

Mark only one oval.

- ☐ Software Project Manager
- ☐ Software Requirements Engineer
- ☐ Software Designer
- ☐ Software Developer
- ☐ Software Tester
- ☐ Security Engineer/ Secure Software Engineer
- ☐ Team lead
- ☐ Software Quality Assurance Engineer
- ☐ Other: 

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3. What is your experience as a DSD team member? \*

Mark only one oval.

- ☐ Less than 1 year
- ☐ 1-3 years
- ☐ 4-7 years
- ☐ 8- above years

4. What is your Work from Home (WFH) experience as a DSD team member? \*

Mark only one oval.

- ☐ Less than 1 year
- ☐ 1-3 years
- ☐ 4-7 years
- ☐ 8- above years

5. Do you enjoy WFH? \*

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Sometimes

6. What type of work-from-home arrangement do you currently have? \*

Mark only one oval.

- ☐ Full-time work-from-home
- ☐ Hybrid (Sometimes from office and sometimes from home)
- ☐ Occasional work from home
- ☐ Flexible hours with a mix of home and office

7. Do you use a company-provided devices or personal devices for work? \*

Mark only one oval.

- ☐ Company-provided devices
- ☐ Personal devices
- ☐ Both company-provided and personal devices

**Section – Impact on productivity due to challenges DSD teams face during WFH**

Please answer the following questions w.r.t the defined scale.

0- Don't Know 1- Never 2- Occasionally 3- Sometimes 4- Often 5- Always

**Technical and Configurational Issues**

*Impact on productivity due to technical and configurational challenges, DSD teams face during WFH*

8.

I face difficulty in accessing necessary files, applications, or systems during WFH

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Dont Know

9. I face software glitches/ network issues/ service outages during WFH \*

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

10. IT support or technical experts are always available to resolve configuration, and technical issues during WFH \*

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

**Security Issues**

*Impact on productivity due to security related challenges, DSD teams face during WFH*

11. I share code/work in a secure manner using secure protocols during WFH \*

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

12. I have proper authentication and role-based permission access to my work and resources during WFH \*

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

13. I face different security attacks (Phishing, Social engineering, malware, spam, etc.) on my system during WFH \*

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

14. My organization has secure (patched and licensed) tools for communication and software development \*

*Mark only one oval.*

- ☐ Never  
☐ Occasionally  
☐ Sometime  
☐ Often  
☐ Always  
☐ Don't Know

15. My organization has secure third-party libraries for software developments \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

16. I work according to my company's Information Security policy and procedures for WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

17. How do you resolve technical and configuration issues during WFH?

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18. What practices do you follow for security-related issues during WFH?

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#### Communication Issues

*Impact on productivity due to communication challenges, DSD teams face during WFH*

19. I found it difficult to contact my peers frequently during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

20. Finding and contacting the right person is difficult during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

21. I face delays in work due to unclear goals and requirements of tasks during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

22. I face difficulty in understanding others during WFH that can lead to misunderstandings \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

23. I feel difficulty in using the current communication and collaboration tools used by my organization during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

24. What strategies/tools do you use to ensure effective communication and avoid communication-related challenges during WFH?

#### Collaboration Issues

*Impact on productivity due to coordination and collaboration challenges, DSD teams face during WFH*

25. I need physical interaction with the team to complete tasks on time during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

26. My work gets delayed due to dependency on my colleague's work during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

27. I have less awareness of my colleague's work status during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

28. I require more meetings and discussions for clarity and understanding of tasks during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

29. Excessive collaboration stifles my creativity, focus, and independence of work during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

30. What strategies do you use to make a healthy bond with your team and reduce collaboration challenges?

#### Individual's Issues

*Impact on productivity due to individual's challenges, DSD teams face during WFH*

31. Due to the varying skill sets of others, I struggle more to understand other's work during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

32. I face inconsistencies in the quality of work produced by other team members during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

33. I become overloaded with tasks and requests in WFH because of my skill set \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

34. I have rich access to career development opportunities, such as networking events, training programs, and mentorship opportunities during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

35. What strategies do you use to stay competent? How do you manage daily tasks and stay competent?

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36. I have physical health issues (weight gain, obesity, musculoskeletal issues, etc.) due to WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

37. It is difficult to disengage myself from work after working hours during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

38. I feel less accountable without the physical presence of my supervisor during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

39. Performing the same tasks in the same environment every day leads me to feelings of monotony and boredom during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

40. I feel alone and disconnected during WFH \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

41. I have a proper resources (stable internet, handsfree, speakers, gadgets etc.) to work properly from home \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

42. I have a proper working space (furniture, room, electricity, etc.) to work properly from home \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

43. I feel distracted while working when my family members, kids, and pets are around \*

Mark only one oval.

- ☐ Never  
☐ Occasionally  
☐ Sometimes  
☐ Often  
☐ Always  
☐ Don't Know

44. What strategies do you use to maintain work-life balance and for your health (mental and physical)?

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45. What challenges do you face (other than mentioned above) while working from home?

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