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!
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Section 01- This section collects the demographic information of the participants

1- What role do you play in the Distributed Software Development (DSD) team?
   o Software Project Manager
   o Software Requirements Engineer
   o Software Designer
   o Software Developer
   o Software Tester
   o Security Engineer/ Secure Software Engineer
   o Software Quality Assurance Engineer
   o Team lead
   o Other_____

2- What is your experience as a DSD team member?
   o Less than 1 year
   o 1-3 years
   o 4-7 years
   o 8- above years

3- What is your Work from Home (WFH) experience as a DSD team member?
   o Less than 1 year
   o 1-3 years
   o 4-7 years
   o 8- above years

4- Do you enjoy WFH?
   o Yes
   o No

    o   Sometimes

5- What type of work-from-home arrangement do you currently have?
    o   Full-time work-from-home
    o   Hybrid (Sometimes from office and sometimes from home)
    o   Occasional work from home
    o   Flexible hours with a mix of home and office

6- Do you use a company-provided devices or personal devices for work?
    o   Company-provided devices
    o   Personal devices
    o   Both company-provided and personal devices

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Section02 – Impact on productivity due to challenges DSD teams face during WFH
Please answer the following questions w.r.t the defined scale.

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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

1- I face difficulty in accessing necessary files, applications, or systems during WFH
    o   Never
    o   Occasionally
    o   Sometimes
    o   Often
    o   Always
    o   Don't Know

2- I face software glitches/ network issues/ service outages during WFH

    o   Never
    o   Occasionally
    o   Sometimes
    o   Often
    o   Always

o Don't Know

3- IT support or technical experts are always available to resolve configuration, and technical issues during WFH

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

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Security Issues

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

1- I share code/work in a secure manner using secure protocols during WFH
- o Never
- o Occasionally
- o Sometimes
- o Often
- o Always
- o Don't Know

2- I have proper authentication and role-based permission access to my work and resources during WFH
- o Never
- o Occasionally
- o Sometimes
- o Often
- o Always
- o Don't Know

3- I face different security attacks (Phishing, Social engineering, malware, spam, etc.) on my system during WFH
- o Never
- o Occasionally
- o Sometimes
- o Often
- o Always
- o Don't Know

4- I face different security attacks (Phishing, Social engineering, malware, spam, etc.) on my system during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

5- My organization has secure third-party libraries for software developments
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

6- If yes, I work according to my company's Information Security policy and procedures for WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

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

1- I found it difficult to contact my peers frequently during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

2- Finding and contacting the right person is difficult during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

3- I face delays in work due to unclear goals and requirements of tasks during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

4- I face difficulty in understanding others during WFH that can lead to misunderstandings
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

5- I feel difficulty in using the current communication and collaboration tools used by my organization during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

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

1- I need physical interaction with the team to complete tasks on time during WFH
   o Never
   o Occasionally

- Sometimes
- Often
- Always
- Don't Know

2- My work gets delayed due to dependency on my colleague's work during WFH
- Never
- Occasionally
- Sometimes
- Often
- Always
- Don't Know

3- I have less awareness of my colleague's work status during WFH
- Never
- Occasionally
- Sometimes
- Often
- Always
- Don't Know

4- I require more meetings and discussions for clarity and understanding of tasks during WFH
- Never
- Occasionally
- Sometimes
- Often
- Always
- Don't Know

5- Excessive collaboration stifles my creativity, focus, and independence of work during WFH
- Never
- Occasionally
- Sometimes
- Often
- Always
- Don't Know

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

1- Due to the varying skill sets of others, I struggle more to understand other's work during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

2- I face inconsistencies in the quality of work produced by other team members during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

3- I become overloaded with tasks and requests in WFH because of my skill set
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

4- I have rich access to career development opportunities, such as networking events, training programs, and mentorship opportunities during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

5- I have physical health issues (weight gain, obesity, musculoskeletal issues, etc.) due to WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

6- It is difficult to disengage myself from work after working hours during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

7- I feel less accountable without the physical presence of my supervisor during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

8- Performing the same tasks in the same environment every day leads me to feelings of monotony and boredom during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

9- I feel alone and disconnected during WFH
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

10- I have a proper resource (stable internet, handsfree, speakers, gadgets etc.) to work properly from home
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

11- I have a proper working space (furniture, room, electricity, etc.) to work properly from home
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

12- I feel distracted while working when my family members, kids, and pets are around
   o Never
   o Occasionally
   o Sometimes
   o Often
   o Always
   o Don't Know

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Thank You!