Impact of Pandemic on Software Development

The purpose of this study is to understand the impact of COVID-19 on your software development activities and productivity. The survey will take about 20 minutes.

Your participation is voluntary and confidential. You can withdraw at any time. We do not record any identifying information.

This survey is conducted by a joint team of computer science researchers from Federal University of Bahia (UFBA), Federal University Rural of Pernambuco (UFRPE), Microsoft Research, Singapore Management University and University of California, Irvine.

We plan to include the results of this survey in a scientific publication. Should you be interested in being informed about the outcome of this study, you will be provided an opportunity to indicate this and provide us with your email address.

Please contact Eduardo Almeida (esa@rise.com.br) if you have any questions or comments related to the study.

Thank you!

ELECTRONIC CONSENT
Please select your choice below. Selecting the "yes" option below indicates that: i) you have read and understood the above information, ii) you voluntarily agree to participate, and iii) you are at least 18 years old. If you do not wish to participate in the research study, please decline participation by selecting "No".

*Obrigatório

Consent

1. I consent to participate in this research study *

    Marcar apenas uma oval.

    ( ) Yes

    ( ) No

Demographics

2. Are you a professional software professional paid by any company? *

Marcar apenas uma oval.

◯ Yes

◯ No

3. What is your highest educational qualification? *

Marcar apenas uma oval.

◯ Less than high school

◯ Graduated high school

◯ Trade/technical school

◯ Bachelor's degree

◯ Advanced degree (Master's, Ph.D., M.D.)

◯ Outro: _____

4. What is the role that best describes your job (select all that apply)? *

Marque todas que se aplicam.

☐ Software Engineer

☐ Project or Product Manager

☐ Software Architect

☐ Test Engineer

☐ Requirement Analyst

☐ Quality Assurance Specialist

☐ Programmer

Outro: ☐ _____

5. How many years of professional experience do you have working in software development (example: 0, 1, 2, 3...,10...)? *

_____

6. How many years of home office experience do you have (Example: 0, 1, 2, 3...,10...)? *

_____

7. Your primary job is: *

Marcar apenas uma oval.

( ) Full time

( ) Part time

( ) Outro: _____

8. How many employees does your whole organization (not your team) have? *

Marcar apenas uma oval.

( ) 0 to 9

( ) 10 to 99

( ) 100 to 999

( ) 1,000 to 9,999

( ) 10,000 to 99,999

( ) 100,000 or more

9. How many people live in your home, including you? *

_____

10.   How many of the people who live with you are children under the age of 12? *

_____

11.   Which country do you live? *

_____

12.   Do you have a disability (or disabilities) that affects your work? *

Marcar apenas uma oval.

⭕ Yes

⭕ No

⭕ Maybe

⭕ Prefer not to answer

13.   Where do you work primarily from? Please choose the option that best describes you. *

Marcar apenas uma oval.

⭕ Before the pandemic, I was working from office. Now I am working from home.

⭕ I've been working at the office the whole time.

⭕ I've been working remotely the whole time.

⭕ Before the pandemic I was working remotely. Now I'm working at the office.

Productivity and Performance during the Pandemic

This block of questions is about the time since you began working at home due to the COVID-19 pandemic. Select the one response for each question that comes closest to your experience.

14. Since you began working from home... *

Marcar apenas uma oval por linha.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not applicable
The number of bug-fixes is lower than usual	◯	◯	◯	◯	◯	◯
The number of new features is lower than usual	◯	◯	◯	◯	◯	◯
The number of refactoring is lower than usual	◯	◯	◯	◯	◯	◯
The amount of testing has decreased	◯	◯	◯	◯	◯	◯
Review activities have decreased	◯	◯	◯	◯	◯	◯
The number of bugs in the project has increased	◯	◯	◯	◯	◯	◯
The rate of discussion among team members increased in the project	◯	◯	◯	◯	◯	◯

Overall, code quality has decreased in this period	◯	◯	◯	◯	◯	◯
The overall quality of discussion among team members has decreased during this period.	◯	◯	◯	◯	◯	◯
Newly introduced interruptions along with the old once are negatively impacting your productivity	◯	◯	◯	◯	◯	◯
It is taking you longer to complete your tasks than usual	◯	◯	◯	◯	◯	◯
The mentoring activities for newcomers has decreased in the project	◯	◯	◯	◯	◯	◯
Sleep disorder increased in this period	◯	◯	◯	◯	◯	◯

Overall, I think that quality of my work is lower than it should have been	◯	◯	◯	◯	◯	◯
Overall, I think that I am less productive since I began working at home due to the COVID-19 pandemic	◯	◯	◯	◯	◯	◯
Overall the level of stress increased in this period	◯	◯	◯	◯	◯	◯
Overall the level of happiness increased in this period	◯	◯	◯	◯	◯	◯

Open Responses

15. What steps did you take to cope with the effects of the pandemic on productivity? How effective were these steps? *

_____

_____

_____

_____

_____

16.   What steps did you take to cope with the effects of the pandemic on your well being? How effective were these steps? *

_____

_____

_____

_____

_____

17.   Is there anything else you would like to tell us about how the COVID-19 pandemic has affected you or your team?

_____

_____

_____

_____

_____

Email Information (optional)

18.   Please, provide your email if you would like to receive a copy of our study:

_____

Este conteúdo não foi criado nem aprovado pelo Google.

Google Formulários