Why do Programmers Do What They Do?

INFORMATION SHEET FOR PARTICIPANTS

You are invited to take part in this research. Please read this information before deciding whether or not to take part. If you decide to participate, thank you. If you decide not to participate, thank you for considering this request.

Who am I?

My name is Lavanya Sajwan and I am an Honours student in the school of engineering and computer science at Victoria University of Wellington. This research project is work towards partial fulfilment of the requirements for Bachelor of Engineering with Honours in Software Engineering.

What is the aim of the project?

This project is an informative investigation on how software developers implement and adopt security practices in the work they do in order to develop an understanding of what influences and impact decisions surrounding their technical work. Your participation will support this research by providing insight to the solutions that developers are using to implement in their security practices. Essentially this research aims to gather your experiences and compare them with those of your peers to understand the use of security practices in the New Zealand industry. This research has been approved by the Victoria University of Wellington Human Ethics Committee (Research Master Application ID: 0000028506).

How can you help?

You have been invited to participate because this project aims to implement a theory as to why programmers implement and adopt security practices in the work, they do by interviewing professional developers. It is important to gather data from individuals with varying career timelines and progressions as the data can be thoroughly analysed to form connections. I will interview you at Victoria University of Wellington's Kelburn campus, via Zoom or at another venue of your choice. I will ask you questions about your security practices and habits in your day-to-day work and how you make decisions regarding your methods of choice. If you agree to take part the interview will take 30-60 minutes of your time. I will audio record the interview with your permission and write it up later. You can choose to not answer any question or stop the interview at any time, without giving a reason. You can withdraw from the study by contacting me at any time before the 20th of July 2020. If you withdraw, the information you

provided will be destroyed. You may also choose to receive a copy of the interview transcript which will be emailed to you, and you will have the opportunity to add comments to the interview up to 2 weeks after receiving the transcript.

What will happen to the information you give?

You will not be named in the final report, but title may be named and persons within or familiar with your organisation and title may be able to identify you based on the distinctiveness of the information you provide. However, you may choose to not have any potential identifying information published.

Your name and email address will be used to contact you in the event of winning the overall prize, and when a summary of your interview is sent if you choose to receive it.

Only my supervisors and I will read the notes or transcript of the interview. The interview transcripts, summaries and any recordings will be kept securely and destroyed on the 7th of November 2023.

What will the project produce?

The information from my research will be used in my Honours report and presentation. You will not be identified in either of these materials or in any supplementary academic reports.

If you accept this invitation, what are your rights as a research participant?

You do not have to accept this invitation if you don't want to. If you do decide to participate, you have the right to:

- choose not to answer any question;
- ask for the recorder to be turned off at any time during the interview;
- withdraw from the study before 20/7/20;
- ask any questions about the study at any time;
- receive a copy of your interview recording;
- receive a copy of your interview transcript;
- read over and comment on a written summary of your interview;
- be able to read any reports of this research by emailing the researcher to request a copy.

If you have any questions or problems, who can you contact?
If you have any questions, either now or in the future, please feel free to contact any of either one of the people listed:

Student Researcher:

Name: Lavanya Sajwan
University email address: sajwanlava@myvuw.ac.nz

Primary supervisor:

Name: James Noble
Role: Professor of Computer Science, Associate Dean (Postgraduate Research)
School: Engineering and Computer Science, Victoria University of Wellington
Phone: 04 463 6736
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Secondary supervisor:

Name: Craig Anslow
Role: Senior Lecturer
School: Engineering and Computer Science, Victoria University of Wellington
Phone: 04 463 6449
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Human Ethics Committee information

If you have any concerns about the ethical conduct of the research you may contact the Victoria University HEC Convenor: Dr Judith Loveridge. Email hec@vuw.ac.nz or telephone +64-4-463 6028.