

**FEDERAL UNIVERSITY OF PERNAMBUCO
CONSENT FORM FOR RESEARCH PARTICIPATION**

Study Title: An Empirical Study on the Usage of the Kotlin Programming Language for Android Development

Principal Investigator: Victor L. de Oliveira

Professor Advisor: Leopoldo Teixeira

I am a master student at the Federal University of Pernambuco, in the Center of Informatics (CIn). I am planning to conduct a research study with android developers, which I invite you to take part in. This form has important information about the reason for doing this study, what we will ask you to do if you decide to be in this study, and the way we would like to use information about you if you choose to be in the study.

Why are you doing this study?

You are being asked to participate in a research study about the usage of Kotlin Programming Language for Android Development.

The purpose of the study is to understand how developers are dealing with the recent adoption of Kotlin as the official language for Android development: The perception about the advantages and disadvantages to use Kotlin for Android development; Most common problems faced by developers that choose Kotlin as Android programming language.

What will I do if I choose to be in this study?

You will be asked to describe your experience as a Android Developer and to describe your experience with Kotlin in deep.

Study time: Study participation will take approximately 40 minutes in one session. There may be a future contact with the interviewee to solve questions that may appear in the course of the research.

Study location: All study procedures will be conducted via video conference or *in loco*, depending on the availability of both parties.

I would like to audio-record this interview to make sure that I remember accurately all the information you provide. I will keep these tapes in a private repository and they will only be used to extract data for this research.

I may quote your remarks in presentations or articles resulting from this work. A pseudonym will be used to protect your identity, unless you specifically request that you be identified by your true name.

What are the possible risks or discomforts?

Your participation in this study does not involve any physical or emotional risk to you beyond that of everyday life.

As with all research, there is a chance that confidentiality of the information we collect from you could be breached - we will take steps to minimize this risk, as discussed in more detail below in this form.

What are the possible benefits for me or others?

You are not likely to have any direct benefit from being in this research study. This study is designed to learn more about the Usage of the Kotlin Programming Language for Android Development. The study results may be used to help other people in the future.

How will you protect the information you collect about me, and how will that information be shared?

Results of this study may be used in publications and presentations. Your study data will be handled as confidentially as possible. If results of this study are published or presented, individual names and other personally identifiable information will not be used.

To minimize the risks to confidentiality, we will keep all confidential data in a private repository in a trustful storage provider.

We may share the data we collect from you for use in future research studies or with other researchers - if we share the data that we collect about you, we will remove any information that could identify you before we share it.

If we think that you intend to harm yourself or others, we will notify the appropriate people with this information.

Financial Information

Participation in this study will involve no cost to you. You will not be paid for participating in this study.

What are my rights as a research participant?

Participation in this study is voluntary. You do not have to answer any question you do not want to answer. If at any time and for any reason, you would prefer not to participate in this study, please feel free not to. If at any time you would like to stop participating, please tell me. We can take a break, stop and continue at a later date, or stop altogether. You may withdraw from this study at any time, and you will not be penalised in any way for deciding to stop participation.

If you decide to withdraw from this study, the researchers will ask you if the information already collected from you can be used.

Who can I contact if I have questions or concerns about this research study?

If you have questions, you are free to ask them now. If you have questions later, you may contact the principal researcher at:

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