

## **Information and Declaration of Consent**

For the scientific experiment “*Model-based Security Evaluation of Microservice Applications*”

### **Information about the scientific research project**

Dear participants of the scientific research project,

we ask for your consent to participate in the scientific research project *Model-based Security Evaluation of Microservice Applications* and the involved processing of your personal data. For this reason, you receive the following information about the content and the sequence of the scientific research project as well as the intended use of your data:

#### ***What is the issue of the scientific research project?***

The scientific research project is conducted to investigate whether evidence generated by a rule checking framework which we developed supports software security assessment and certification activities. This study is part of the [REDACTED], funded by the [REDACTED].

#### ***What is the exact procedure for the scientific research project and how will my data be used?***

Your participation in the scientific research project will go over two lab sessions in subsequent weeks, each of which lasts about 90 minutes. During the scientific research project, you will participate in a supervised exercise session. In said sessions, you will perform an assignment and submit your solutions in the form of a report. You will also fill a questionnaire about the assignment. Your report and your answers will be processed and the results disseminated as an academic publication.

#### ***What costs are incurred by the participation in the scientific research project and will an expense allowance be paid?***

By participating in the scientific research project no additional costs are incurred. No remuneration/expense will be paid for your participation in the scientific research project. Claims for further remuneration, royalties or other participations in financial benefits and profits, that may be achieved on the basis of the research results, are excluded.

#### ***Am I insured during the execution of the scientific research project?***

Please note that no special insurance has been taken out for the implementation of this scientific research project.

#### ***Who decides whether I should withdraw from the scientific research project prematurely?***

Participation in this scientific research project is voluntary. You may terminate your participation at any time without giving reason and without incurring disadvantages. Under certain circumstances, however, it is possible that a scientific research project is terminated prematurely, for example for organisational reasons.

If, during the course of the scientific research project, important new information comes to light which could affect your decision to continue your participation in this scientific research project, you will be informed.

## **Data protection information: What happens with my data?**

### ***What data is collected in the scientific research project?***

In the context of the scientific research project the following data will be collected from you:

- data of contact (Surname, Name, Student ID, email)
- project data, which means the information about you produced in the context of the scientific research project, in particular:
  - Written answers to the analysis tasks, in digital form (e.g., PDF)
  - Questionnaire about the assignment

### ***How is the data processing in the scientific research project carried out?***

The produced project data are evaluated by project members. Within the scope of the evaluation, copies are also made in which all information that could lead to an identification of your person (e.g., names) and other references are changed, abstracted or removed.

The original data or -records are kept for at least 10 years in accordance with the guidelines for handling research data of the German Research Foundation for safeguarding good research practice and are deleted afterwards, unless legal requirements stipulate longer archiving obligations.

In scientific research publications, such as in papers or at meetings and conferences, no personal data of yours will be mentioned, i.e. the research results are published without reference to you personally. Interview answers are only quoted in excerpts to ensure to third parties that the resulting overall context of events cannot lead to an identification of your person.

Your contact data will be marked with a project data identifier and stored separately from the project data in different locations to which only authorised employees of the scientific research project and authorised scientists have access.

After the completion of the scientific research project, your contact data will be automatically deleted, unless you expressly agree to the further storage of your contact data for future topic related scientific research projects. In this case, scientists would be provided with the data on request so that they can contact you and ask whether you are available to participate in a scientific research project.

Such participation is of course voluntary and you can refuse it without giving reasons. You can of course object to a longer storage at any time; your contact data will then be deleted.

### ***Who has knowledge of the data and which persons and institutions have access to the data?***

Access to your data is restricted to employees of the scientific research project as well as authorised scientists. These persons are obliged to observe the data protection requirements. The data is protected against unauthorised access.

### ***What rights do those persons have affected by the data processing?***

Participation in the scientific research project is voluntary; if you do not participate, you will not suffer any disadvantages. You have the possibility to assert the following rights at any time:

- **Right of access** about the personal data processed concerning you (art. 15 GDPR),
- **Right to rectification** of inaccurate personal data concerning you (art. 16 GDPR),
- **Right to erasure** of personal data concerning you (art. 17 GDPR),
- **Right to restriction** of processing of personal data concerning you (art. 18 GDPR),
- **Right to object** the processing of personal data concerning you (art. 21 GDPR),
- You also have the right to lodge a **complaint** with a **data protection supervisory authority** about the processing of personal data by us concerning you (art. 77 GDPR),
- If you have consented to the processing of your data, you have the right to **withdraw** this consent at any time for the future (art. 7 paragraph 3 GDPR). In this case, all personal data must either be deleted or made anonymous.

Your rights must always be asserted in writing to the person responsible for data processing.

### ***Who is responsible for the scientific research project and the associated data processing? Who can I contact if I have further questions?***

The scientific research project will be carried out by [REDACTED]  
[REDACTED]. Responsible for the data processing is [REDACTED]

If you have any questions regarding data protection law, please contact the data protection officer at the:

[REDACTED]

If you have further questions regarding the scientific research project, please contact the following contact point:

[REDACTED],  
[REDACTED],  
[REDACTED]

If you wish to participate in the scientific research project, please read and sign the enclosed declaration of consent.

The original of the declaration of consent remains with [REDACTED]  
[REDACTED]. You will receive a copy of the declaration of consent. The information letter on the scientific research project also remains with you.

Kind regards,

[REDACTED]

## **Information and Declaration of Consent**

For the scientific research project *Model-based Security Evaluation of Microservice Applications*

### **Declaration of consent to participation**

I have received the written information about the scientific research project *Model-based Security Evaluation of Microservice Applications*. I was given a copy of my signed declaration of consent for participation and data protection. I have read and understood both documents. I was informed in detail - orally and in writing - about the aim and the course of the research project, my rights and obligations, the insurance cover I am entitled to and my data protection rights. I had a chance to ask questions. These were answered satisfactorily and completely.

I hereby declare my participation in the scientific research project *Model-based Security Evaluation of Microservice Applications*. It has been pointed out to me that my participation in the research project is voluntary and that I have the right to terminate it at any time without giving reasons, without any disadvantages for me.

☐ **Yes**                      ☐ **No**

I hereby declare my consent that I may be contacted by scientists for future topic-related scientific research projects at their requests.

☐ **Yes**                      ☐ **No**

### **Data protection declaration of consent**

I hereby consent to the process of my collected personal project data, namely the written lab report and the questionnaire data, within the framework of the scientific research project *Model-based Security Evaluation of Microservice Applications*.

☐ **Yes**                      ☐ **No**

Furthermore, I hereby declare my consent that even after completion of the scientific research project *Model-based Security Evaluation of Microservice Applications* my collected personal contact data will be stored and processed for future topic related scientific research projects as well as transmitted to scientists on their request.

☐ **Yes**                      ☐ **No**

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first and last name

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mail address

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place and date

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signature

As the scientist in charge I have explained the aim, purpose, significance, scope and possible risks of the scientific research project *Model-based Security Evaluation of Microservice Applications*

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place and date

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signature