SEGURANÇA E PRIVACIDADE DE DADOS

(SEGPRD)

PROJECT 2 - Research/Implementation Project

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1   Introduction

This project allows students the opportunity to explore a focused area within the broad field of security and data privacy. Through critical analysis, practical implementation, or applied research, students will deepen their expertise in a topic of their choice.

2   Objective

By the end of the project, students have the objective to deliver a report/paper with the result of focused research or evaluation, a proof-of-concept (PoC) demonstration, or an implementation project in one of the topics provided.

In the first stage, the students have to define a specific topic from the main topics provided on the subject's page in Moodle. This should take into account that:

1. Students can define their specific topic according to their preference and within a specific context (e.g. professional area)

2. The definition of the specific topic should be approved by the professors of this subject, to adjust their complexity and time requirements to the project's deadline

3. other main topics may be defined, but they must also be accepted by the professors of this subject.

In the second stage, the students should develop a research or an implementation project where novelty, critical thinking, problem-solving skills, and validation/performance assessments will be valued.

In the third stage, the students should document all the developments, results, and validations in a final report to submit. The formats suggested for these reports, according to the type of project, are the follows:

1. For research/evaluation papers:
   https://www.overleaf.com/latex/templates/springer-lecture-notes-in-computer-science/kzwwpvhwnvfj

2. For PoC/implementation reports:
   https://www.overleaf.com/latex/templates/dei-slash-isep-tmdei-thesis-template/dtvkwwtwzccc

3 Grading

Two files are expected to be submitted: the report/paper (PDF format) and the implementation files (ZIP or RAR format). After submission, a presentation to the class should be done to showcase the achievements and clarify any remaining grading doubts. The grade will have the following components:

1. 70% - Report/paper and implementation files;

2. 30% - Group Evaluation + Class Presentation