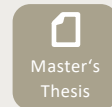# A Tool Support for Privacy Threat Modelling

Privacy engineering and particularly privacy threat modelling have gained a lot of attention in the recent years. Many methodologies have been proposed to model privacy threats. An example of such methods is the widely used LINDDUN method [1].

LINDDUN provides threat trees catalogue with which users can analyze whether a privacy threat applies or not. The trees are extensive and conducting the privacy analysis based on them manually is a lengthy process. There is currently limited tool support to enhance both the time-efficiency and the outcome accuracy of the problem-space. Enhancing the accuracy may be done through re-defining some the logical operators in the trees, and reducing the redundancy of the elicited threats.

Your task in this thesis work is to enhance the threat trees of LINDDUN and implement a tool to support the the deployment of the developed trees. Related work to such work includes LINDDUN Go [1], the OWASP threat dragon tool [2], and the commonly used Microsoft threat modelling tool which is used for security [3].

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[1] https://www.linddun.org

[2] https://owasp.org/www-project-threat-dragon/

[3] https://docs.microsoft.com/en-us/azure/security/develop/threat-modeling-tool

This thesis is ideal for you if you want to gain more insights into privacy engineering and privacy threat modelling.

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If you are interested or you need additional details, feel free to contact me or drop by for a non-binding chat.