

Improving the graphical user interface of Vula

Das ist ein Teaser auf dem Titelblatt. Making secure communication more accessible by improving the user experience.

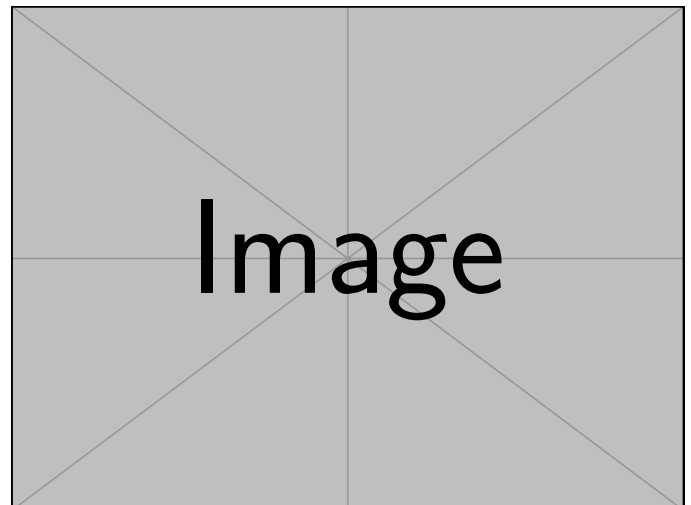
Advisor	Prof. Dr. J. Appelbaum	Project start	24. Dezember 2000
Co-advisor	Dr. M. Musterman	Pre-study submission	24. Dezember 2000
Project partner	Vula	Report submission	24. Dezember 2000
Expert	Prof. Dr. J. Appelbaum	Presentation	Prüfungs/Präsentationsdatum

Projektbeschreibung

Students that are enrolled in the course BTI2018-25 have the opportunity to make a contribution to a free software project. They will be contributing to Vula. A Tool that provides its users with a way to securely communicate within a local area network. We have chosen to improve the existing graphical user interface (gui). The current version was built with tkinter by students of BFH in a previous iteration of this course. The goal is not to redo the gui but to expand upon it. Vula can be found via [Vula.link](https://vula.link) or [Codeberg.org/vula](https://codeberg.org/vula).

Projektziele

- ▶ Evaluate the current gui
- ▶ Itemize and prioritize the areas that need improvement.
- ▶ Come up with solutions to the issues we decide to address
- ▶ Implement and document the changes



Some examples of improvable areas are:

- ▶ Example 1: Revamp the design of the scrollbars to have a more modern and homogenous look.
- ▶ Example 2: Reevaluate the chosen color scheme and improving it in terms of usability, accessibility and design.
- ▶ Example 3: Using our previous experience in web design and use of similar tools to consider changes to the structure of the program.

References

- [1] Leslie Lamport, *TeX: a document preparation system*, Addison Wesley, Massachusetts, 2nd edition, 1994.

