



Convenient Password Manager (Desktop side)

Nowadays, it is not uncommon to have dozens of user accounts. Most people struggle with the task of memorizing a large number of different passwords for all their social media accounts, cloud backup systems, work email, and devices. Safe passwords are usually the ones that are hard to guess but sadly also hard to remember. It is because of this that people choose to trade off security for convenience by choosing simple passwords and possibly reuse them for multiple services.

Although there is software that can help people store their passwords securely, these systems are still too cumbersome to use and are rarely used in practice. Since we store more and more data in the cloud, the consequences of using weak passwords are becoming more severe. We want to get rid of the security-convenience tradeoff when it comes to passwords.

In this thesis we want to develop the desktop side tools required to use the password manager in your browser. The main part will be a browser extension for the browser of your choice. In addition a server side backend for the mobile client developed in a separate project will be created.

Requirements: Basic knowledge about web programming.

Interested? Please contact us for more details!

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