



BA/MA/SA/Group/Lab:

Communication and feature enhancement of CPM

Nowadays, it is not uncommon to have dozens of user accounts. Be it for social media accounts, cloud backup systems, work email, or our devices, passwords are still extensively used to protect access to all our digital data. Since our minds work quite differently than computers, most people struggle with the task of memorizing a large number of different passwords for all their different services. Also, safe passwords are usually the ones that are hard to guess. Sadly, these are also the passwords that are hard to remember.

It is because of this, that people choose to trade off security for convenience by choosing simple passwords which may even be reused for multiple services. Although there is software that can help people store their passwords securely, these systems are still to cumbersome to use and rarely used in practice. Since we store more and more data in the cloud, the consequences of using bad passwords are becoming more severe.



We want to get rid of the security convenience trade-off when it comes to passwords. The goal of this thesis is to come up with a solution that works with any password protected service but is easier to use than any current password safe tool. The solution should be implemented in an Android application.

Requirements: Good programming skills and creativity are advantageous.

Interested? Please contact us for more details!

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