



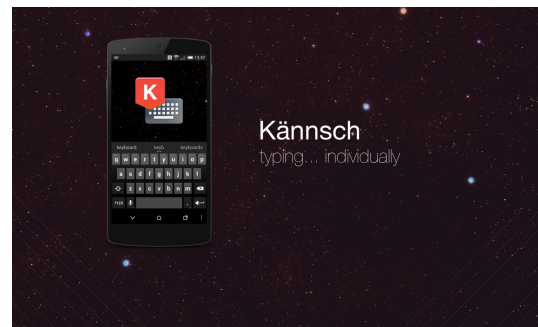
BA/SA/Group/Lab:

Predictive Keyboard for iOS

Swiss German is not a clearly defined language. There are many different ways of writing a certain word. Current predictive keyboards do not consider languages that have flexible writing styles.

We have developed a predictive keyboard app for Android which is optimized for compatibility with Swiss German input and keeps our users from having to type out every word. The app currently has thousands of active users who provide us with data, which allows us to quickly adapt to each individual style of writing.

Due to popular demand, we want to do the same for iOS. The keyboard application should preserve the robust functionality and visual appeal of the existing iOS system keyboard. But most importantly, the goal of this thesis is to implement a text prediction algorithm which provides word suggestions in real time from a dictionary while the user is typing.



Requirements: Creative thinking and advanced programming skills are advantageous to successfully work on this topic. The student(s) should be able to work independently!

Interested? Please contact us for more details!

Contacts

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