

Annotation

The thesis deals with severe speech impairments, which require using assistive verbal devices as the means of everyday communication. Its main objective was to create an augmentive communication application for a mobile phone. The thesis specifies some severe communication disorders, mentions available communication applications for mobile phones and gives a description of developing and trial testing of the application.

The application is primarily intended for children of pre-school and younger school age who suffer from severe communication disorders. Its main purpose is to support the target group in communication with other people.