Interaction techniques on mobile devices for the blind's language learning

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Abstract

Electronic aids on mobile devices are starting to spread to the visually impaired including for language learning. However, they may have the disadvantage of only providing information on the vocabularies and sentences, and not on the other language elements. The non-visual guidance assistance techniques developed on mobile phones can provide these missing indications. They are intended to allow a user to determine the contexts in which the language used especially for the information related to the language interaction.

Keywords: electronic aids, language learning, mobile device, visual impairment.

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