Abstract

Because the lack of capturing information such as audio, can lead hearing impaired childrens to have lack of vocabulary thus make them hard to communicate with the people around them. They often find it difficult to express what they want. In addition, other issues that arise in children with hearing impairment are the irregularity sentence against what they say. Therefore, the visualization, and face directivity becomes important for them to capture information and communicate with people. An iterative process is also necessary for them, so the materials can be more easily remembered.

TooLips is a learning application on Android platform made for hearing impaired childrens. This application delivered the contents through use of media such as images, text, sound, and video that will train their memory and language skills. TooLips is created using special learning principles for children with hearing impairment such as face directivity through video, voice directivity through audio, visualization through pictures and text, as well as others special learning principles.

Through this application, we hope that they can increase their vocabulary and learn to make sentences with correct structures anywhere and anytime.

Keyword: mobile applications, TooLips, hearing impaired childrens, android, learning