Abstract

Communication Aid (C-Aid) is application based on android to help person with hearing disability to communicate with normal person who can't understand sign language. Moreover this application can help communication training and natural appearance learning assisted by normal person. For communicate, this application works with sound input from normal person which converted by application to text so person with hearing disability can understand the meaning from that text, to respond, people with hearing disability can use keyboard which can convert text to sound. And for communication traning, this application works with sound input from normal person which converted by application to text so person with hearing disability can view pronunciation and the meaning from the text, if the sound input is resulted word related to natural appearance, application will displays the visualization of that natural appearance. And for sign language training, this application have sign language dictionary from BISINDO.

Keywords : Communication Aid, hearing disability, normal person