Designing a location-aware augmented and alternative communication system to support people with language and speech disorders

M S Hossain, M Takanokura, K Nakashima

Department of Industrial Engineering & Management,
Kanagawa University, Yokohama, JAPAN

sazzadjoy@gmail.com, takanokura@kanagawa-u.ac.jp, nakasima@kanagawa-u.ac.jp

www.kanagawa-u.ac.jp

ABSTRACT

Working with those who have speech and language disorders can be a great challenge for researchers. Language difficulties can significantly affect a user's ability to communicate with others. Our aim is to design an Augmentative and Alternative Communication (AAC) system based on current location for people with language disorders in order to support communication in their everyday life. In this paper, we design a location based AAC system that provides a list of images that is able to assist in communication.

Full papers will be published in the Conference Proceedings and will be freely available to delegates at the conference and online on September 20, 2016.