

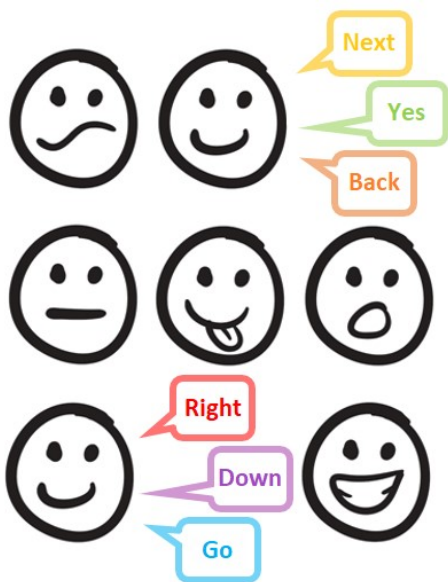
Participate in Research

Expanding digital access and employment readiness through a personalizable access technology: SwitchApp



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Date Posted: February 2, 2024
Version Date: December 14, 2023
eREB#: 0625

Are you a young person who uses switches and other access technologies to communicate and get things done? Consider participating in our research study to help us evaluate a personalizable access technology.

What is this study about?

We have created an access technology called SwitchApp, which users can personalize to recognize their unique vocalizations, keywords and/or facial movements. We want to optimize user experience and evaluate the usability and performance of SwitchApp for employment-related tasks.

Who can participate?

We are looking for people who:

- are between 16 and 30 years old,
- have a motor impairment preventing them from using standard technology interfaces (e.g., mouse, keyboard, touchscreen),
- currently use an access technology (e.g., a switch or joystick) to communicate and/or write in an independent, functional, and regular manner (at least 3 times a week),
- can consistently control facial movements and/or produce a few keywords/sounds,
- have a caregiver, family member, or friend who will also participate.

What's involved?

- **2 personalization sessions** of 1.5-2 hours at Holland Bloorview: You will personalize SwitchApp by recording and reviewing audio/video clips of you performing simple activation tasks (e.g., blinking, saying "next" or "go").
- **1 functional testing session** of 1-1.5 hours at Holland Bloorview: You will use SwitchApp to complete employment-related tasks (e.g., opening programs on a computer, typing a short text).
- **1 follow-up interview** of 45 minutes at Holland Bloorview or virtually: We will collect your impressions and feedback about SwitchApp.
- During each session, we will record audio and video. You will also be asked to complete multiple questionnaires throughout the study.

Potential benefits?

You will not benefit directly by participating, but you will help us improve the design of SwitchApp.

Potential risks?

You may get tired or frustrated during the sessions. You will be able to take breaks and rest if that happens.

Participants will receive a small token of appreciation to thank them for their time.