TECHNOLOGY

iOS Application for Delivery of Auditory Stimuli

OVERVIEW

Background

iOS applications are widely accepted and used in many everyday functions. Auditory experimentation and testing are used in K-12 and higher education, as well as while conducting various research experiments.

Innovative Technology

Researchers at the University of Maryland's Center for Advanced Study of Language designed an iOS application that can deliver auditory stimuli, such as words or other sounds, in a pre-programmed order, and asking the test subject to write what they heard in a specific location. This application can be used to test various knowledge base: musical notes, animal sounds, spelling. Another possible use for this application is hearing test.

Advantages

· More versatile than existing spelling tests or hearing tests

· Can be used to test a wide variety of knowledge base

· Accessible to many via any iOS device [Need to confirm this—does app work on on iphone only or iPhone, iPad, and iPod?]

Application

· Preschool education

· K-12 education

· Hearing test

· Research laboratories

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

CATEGORIES

- Education/Training/Multimedia
- Information Technology

EXTERNAL RESOURCES

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