DESCRIPTION

Electronic Braille Al-Quran is an aid to teaching and learning Al-Quran for the visually impaired. This project circulates an Al-Quran database in digital Braille codes easily downloadable into eBraille Panel. The eBraille Panel functions as a monitor for the visually impaired. A line of Braille cell will represent the line on Braille Al-Quran. The visually impaired user will read the Braille display using their sense of touch.

Needs

a) Portable.
b) Multi-Purpose System.
c) User Friendly.
d) Novel Braille T & L .
e) Modern ICT Usage.

Application

a) Simple and precise menu selections - ease the process of finding the verse.
b) Adjustable audio and audio jack accommodates for beginner learners.
c) Interchange of displaying Braille dots can be done automatically or manually.
d) The user has complete control over the speed of the interchange.
e) Users can bookmark the verse or ayah where they stop at.
f) Rechargeable battery for usage of more than 2 hours (when fully charged).

Benefits

a) World’s first eBraille Al-Quran which effectively stores a complete Al-Quran.
b) A lightweight, portable and user friendly eBraille Al-Quran system.

Targeted Market

a) Blind society especially Muslim blind society for Quran and Iqra’ (National and Worldwide).
b) NGO for Blind.
c) Government Organisation (Schools).
d) Public library.

PROJECT LEADER: Assoc. Prof. Ir. Dr. Zarihady Bin Md. Zain
EMAIL: zarihady@utm.my