Abstract

The primary purpose of this project is to assist the visually challenged (user) in shopping. The project makes use of GORE (Goal oriented Requirements Engineering Methodology). The device developed is based on Radio Frequency Identification (RFID) which operates in the Low Frequency (LF) band. The envisioned device is a combination of a RFID LF reader module and a microcontroller unit to convey all the information pertaining to the product to the user, thereby enhancing their shopping experience.

Reference


Index Terms

Computer Science

Information Systems

Key words

Radio Frequency Identification (RFID)

Low Frequency (LF)

Shopping Assistants
Visually Challenged

KAOSs