

Smart Shoes For Visually Impaired

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October 30, 2023

Abstract

Sight is viewed as the most significant sense and the visually impaired individuals are seen upon with feel sorry for by others. Innovation encourages the visually impaired individuals to speak with nature, the correspondence procedure and the dispersal of data has gotten quick and on a more extensive scale to incorporate all pieces of the world which incredibly influenced to the human life, subsequently expanding the methods for amusement and comfort and diminished affliction and hardship in numerous things. We have surveyed the existing solutions meant for autonomous mobility for the visually impaired people. In this paper, we have proposed a novel structure, Smart Shoes with sensors installed in them to control an outwardly debilitated individual smoothly and to alarm him/her of the impediments that lay in front of him in his way. The structure is meant to build up a simple to utilise processing power of Arduino in conjunction with the object detection capability of ultrasonic sensor to oblige the extraordinary needs, used to manage the individual coextending the highlights of the Smart Shoes.

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