

# Electronic Solutions for Special (Handicapped) People

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One portion of our society consists of disabled or handicap people. Because of the partial paralysis or incomplete recovery after trauma they may face difficulty in movement or calling their attendants which makes it difficult for them to carry out their daily life activities. It is therefore important to discover all possible venues and solutions that will help them carry out their routine business and will uplift their self esteem. In this project, several solution based on electronic engineering technology are proposed that will help these *special* peoples to live independently.

Developed using MIT App Inventor 2, through this system the person can call his/her attendant from other room, can send text message to the attendant in case he/she is outside. The person will be able to switch on/off fan, light in the room, open and close the door. Bluetooth technology is used as a means of communication between the main controller and the android device. The block diagram of solution is as follow:

