



A movement from one place to another seems easy for a normal human. The movement in big industry from one plant to another is difficult. Disabled and old age people needs assistant for movement. Wheel chair also needs some attendant to control the motion. The idea inspired to develop a small and easy to use locomotive device using skate board which is operated by arduino based application and controlled by mobile application via Bluetooth. The skate boards are generally used by teenagers and kids for sports purpose. We are developing a skateboard easy to carry not like big wheelchair and can be used in small places also. The cost is very low in comparison to wheelchair based products. And important can be carried in bus, shopping centers, trains easily. The mobile application on android is used to control the direction and speed of motors. The signal is send via Bluetooth to arduino microcontroller. Based on programming arduino takes decision to move forward, backward, left or right, or increase speed or stop. The arduino send corresponding signal to motor driver circuit and the device is moved accordingly

## Mobile controlled locomotive (Wheel Chair Project)