The purpose of this project is to create a hands free wearable assistive technology for the visually impaired which can provide the same level of mobility as a walking cane. The system is controlled by a microcontroller which receives serial signals. Sonar based proximity sensors are used to detect obstacles within the systems range. The microcontroller interprets the information received from the sensors and determines if an object is within the predefined ‘warning’ range. Vibration alerts, with varying intensities, are activated to alert the user of the obstacle. The system is capable of detecting both rear and front end obstacles.