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Voice Controlled Car

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Abstract: *A system is being proposed, which focuses on the concept of how a car can be controlled by the human voice. Voice control car is just a practical example of controlling motions of a simple car by giving voice commands. In this system, an android app is used for the transmission of human commands to Arduino. An Arduino can be interfaced with the Bluetooth module through the UART protocol. The speech is received by the android app and processed by the voice module. Voice is then converted to text. The Arduino will further process this text, which will take suitable action to regulate the robot. The objective is to design a robotic car whose basic movements such as moving forward, turning to left or right can be controlled by the human voice.*

Keywords: Arduino, Voice.

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