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Solar Powered Autonomous Robotic Car Using for Surveillance

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Abstract

Life is a problem-solving workbook. In today's technological world, new technology is being invented on a daily basis. Robotics is the most appropriate technology for surveillance purposes in order to identify the occurrence of related events. As we all know, robots are capable of performing surveillance tasks with a high level of integration while using a surveillance device. To develop long-range portable assistive-aided car system for user. This project presents a reconfigurable sensor network for structural monitoring of a user. In this project, we have built an all in one voice control car using custom mode PCB. This robotic car can perform as Bluetooth voice control robot, self-balancing robot, and obstacles avoidance robot. This robots batteries are powered using a solar panel. This robot can be useful for Industrial automated equipment carriers. This robot can be used for surveillance. All this things are done by Arduino UNO microcontroller.

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