

Self-driving robot controlled by SmartPhone

Duong Phuong Duy

Abstract: In the context of the increasing application of technology in transportation and automation, this topic focuses on researching and developing an autonomous robot system capable of moving and performing tasks based on commands from a Smartphone. The main objective is to build a flexible solution to meet the demand for personalization in transportation. The approach includes integrating Bluetooth technology and transmitting signals over wireless networks to control the robot's behavior. The expected result is an efficient and convenient system, contributing to the advancement of autonomous technology and Smartphones.

Keywords: Autonomous robots, Smartphones, Wireless control, Transportation technology, Automation