

# Intelligent Robotic Assistant for Elderly Care and Baby Surveillance using Raspberry Pi

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**Abstract:** *The robot utilizes advanced sensors and artificial intelligence algorithms to monitor the health and well-being of both elderly individuals and infants. It can perform various tasks such as medication reminders, fall detection, activity tracking, and remote communication. Additionally, the robot incorporates surveillance features to monitor infants' activities and alert caregivers in case of any unusual behavior or emergencies. This innovative solution aims to enhance the quality of life for both the elderly and infants, providing peace of mind for caregivers and promoting independent living.*

**Keywords:** Raspberry pi, LM328 Motor driver, Ultra Sonic Sensor, Wireless Cam

