We Care An IoT based Health Care System for Elderly People

ABSTRACT

- This work presents an IoT-ready solution for the elderly living assistance which is able to monitorm and register patients vital information as well as to provide mech anisms to trigger alarms in emergency situations.
- Its effective low-power/low-cost and wireless characteristics turns this solution suitable to be used anywhere and by anyone, in a discrete and comfortable wristband.
- Experiments demonstrated a good system performance for the implemented functionalities, and regarding the autonomy

EXISTING SYSTEM

- In a world with an accelerated population aging,there is an increasingly interest in developing solutions for theelderly living assistance.
- The Internet of Things is a new realitythat is completely changing our everyday life, and promises torevolutionize modern healthcare by enabling a more personalized,preventive and collaborative form of care.

PROPOSED SYSTEM

- The world is embracing an unprecedented technological trend for connecting billions of devices.
- The Internet of things is a new paradigm that is enriching our everyday life, and promises to drive significant changes and cause a huge impact in modern healthcare, by enabling a more personalized, preventive and collaborative form of care.
- In this paper we presented We-Care, an IoT-based health care system designed to monitor and collect vital data on elderly people.

SOFTWARE REQUIREMENTS

- Arduino IDE

REFERENCE

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