Abstract

Title: Php Controller, the automated controlling system based on web technologies useful to monitor, store and predict vital parameters.

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Keywords: Internet Of Things, Remote assistance, Real-time diagnosis, Monitoring system, Data prediction, Smart Technologies

I. Abstract Body

The present study investigated a new software model useful to develop smart applications based on automated systems using Php language, which is the mother language of today's World Wide Web. A cyclic data processor has been implemented, useful for the periodic monitoring of parameters acquired through a network of local and remote sensors, with a configurable cycle time of up to 60 ms about, and with the possibility to manage needed actuators for process control.
Regarding the field of health, thanks to web-based technologies it's possible to store vital parameters on cloud platforms using ever more fast and secure transmission protocols. The doctor can make access to the patients database by remote, using his private key, displaying statistical graphs and predictive plots, in order to give a great help in therapy monitoring.
This technology is very versatile and can be used in many areas of health because it's possible to define specific data set for specific filed of application and customized template for data presentation. The software is hardware independent and this allows a better implementation of new devices deriving from technological progress.

II. Image:



III. Reference:

1. www.nwost.com
2. Technical megazines: *Embedded, Progettare, Elettronica Oggi*

IV. Biography:

Orlando Ceci has completed his degree course at the age of 26 years, after served in Italian armed forces, from Bari Polytechnic, Italy. He is the main electrical designer in an Italian company able to manufacture machinery in the industrial automation filed and is a member of the Information Engineers Commission at the Order of the Engineers of Pescara.
In his personal studies he has conceived a new software model for applications development in Php language that has made possible the creation of web-based controllers, extending the potential of this language that is the basis of today's World Wide Web.

V. Presenting author details



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