

DEVELOPMENT OF WSN BASED WATER LEVEL MONITORING AND CONTROL SYSTEM USING ANDROID

ABSTARCT

In this paper we introduce the notion of water level monitoring and management within the context of electrical conductivity of the water in industries, especially in chemical industries. More specifically, we investigate the microcontroller based water level sensing and controlling in a wireless environment using android device to monitor and control. Water Level management approach would help in reducing the home power consumption and as well as water overflow. Furthermore, it can indicate the amount of water in the tank that can support Global Water types including cellular dataloggers, satellite data transmission systems for remote water monitoring system. Moreover, cellular phones with relative high computation power and high quality graphical user interface became available recently. From the users perspective it is required to reuse such valuable resource in a mobile application. Finally, we proposed a web and cellular based monitoring service protocol would determine and senses water level globally.

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