Vikas Sharma

*TeleHealth – Nexus between Wireless Health Network and Biometric Data*

Abstract

The main objective of this thesis is to develop a system and application which will provide a positive outlook on how emerging wireless technology will help improve current health care system. This system consists of development of smart phone application, which is capable of receiving biometric data from Bluetooth enable medical devices and web services which provides connection and data transmission to web portal and database. This system provides benefits to both health care providers and their patient. This system connects patient directly to their doctor or physician and provides them freedom to upload their biometric data from anywhere in real time.

The system is really beneficial for the people who need regular checkup after every certain time period or the people who is far away from any health care provider like pregnant woman and soldier at mission.

Thesis Committee

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