



SDSU
presents
a thesis defense for
Master of Science
degree in
Computer Science

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10:30am
GMCS 405

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 the current health care system. This system consists of development of a smart phone application, which is capable of receiving biometric data from Bluetooth-enabled medical devices and web services which provides connection and data transmission to a web portal and database. This system provides benefits to both health care providers and their patients. This system connects patients 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 checkups after every certain time period or the people who are far away from any health care provider like pregnant women and soldiers at mission.

Thesis Committee

Joseph Lewis, Thesis Chair, Department of Computer Science
Carl Eckberg, Department of Computer Science
Carmelo Interlando, Department of Mathematics & Statistics