



SDSU
presents
MS Computer Science
THESIS DEFENSE

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Brainwave Sensor

Abstract

Nowadays everything is moving to mobile and people expect things to be readily available at the tips of their fingers. The aim of this thesis is to build an android app that will capture user's mind status by gathering Meditation, Attention and Eye-Blink levels (reading mind waves) at a particular location performing a particular activity at a given time. This android app will facilitate storing of various mind wave signals of a particular person into the app's database, captured at various locations while performing various activities. It can be of great use in the HealthCare industry which is a million dollar market, where the location based captured data can be of great use for data analysis and studying human mental tendencies.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
Alan Riggins, Department of Computer Science
Mark Dunster, Department of Mathematics & Statistics