



Project Proposal

VERSION 1.0

Cognitive Contact

A brief summary of the intended project for Cognitive Contact in TCU Senior Design 2011-2012.

Texas Christian University

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Revision Sign-off

By signing the following, the team member asserts that he/she has read the entire document and has, to the best of his or her knowledge found the information contained herein to be accurate, relevant, and free of typographical error.

NAME	SIGNATURE	DATE
SCOTT BOYKIN		
ADAM BURT		
CRISTINA CLINE		
JEFF GETTEL		
ANDREW HUGHES		
JOEY WILKINSON		

Revision History

VERSION	DATE	CHANGES
Version 1.0	12/13/11	Final Proposal

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1. Cognitive Contact Proposal

1.1 Purpose

The overall purpose behind this project is to serve as a capstone project for the Seniors in the Computer Science department at Texas Christian University (TCU) from August 2011 to May 2012. This project will not only gauge the efforts of the students involved, but will also prepare them to graduate and become contributing members of the computer science industry.

1.2 Proposal

The members of Cognitive Contact propose to develop a therapeutic activity system using a Microsoft Surface unit and a Windows 7 desktop. By working in conjunction with critical experts at Texas Health Resources (THR), Cognitive Contact will create a system which will allow physical therapy patients to participate in a variety of activities, participating clinicians to customize the therapy and neurologists to analyze the data collected during participation in each activity. The intent of the system is to have patient activities take place on the Microsoft Surface with clinician administration activities and data analysis/viewing to be done through a Windows 7 desktop application. Cognitive Contact will be utilizing the existing framework and database structure from the Healing Touch software and Healing Vision application developed by the Senior Design class at TCU in 2010-2011.