INTELLIGENT CHAT BOT FOR CHATTING WITH PEOPLE
HAVING STRESS AND DEPRESSION

A PROJECT REPORT PRESENTED BY

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To the Board of Study in Statistics and Computer Science of the

POSTGRADUATE INSTITUTE OF SCIENCE

In partial fulfillment of the requirements
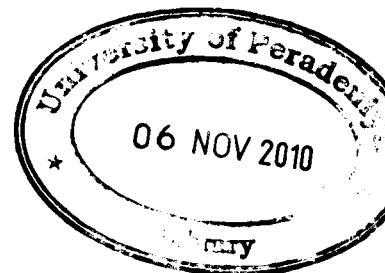*For the award of the degree of*

MASTER OF SCIENCE IN COMPUTER SCIENCE

of the

UNIVERSITY OF PERADENIYA

SRI LANKA

2009

ABSTRACT

INTELLIGENT CHAT BOT FOR CHATTING WITH PEOPLE HAVING STRESS AND DEPRESSION

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The Name "Bot" is the short form of ROBOT. A Chatbot is a machine conversation system which interacts with human users via natural conversational language. This Bot consists of a series of programs that interpret and act on conversations and sentence patterns through random responses or question responses, all of which can be programmable. Chatbots communicate with the user through a simple text interface.

The main focus of this project is to develop an Intelligent Chatbot based on Case Based Reasoning (CBR) to serve people who are affected by stress and depression. It is anticipated that this will help to replace therapists and counselors by a machine, which is a holy grail of human beings for decades. This Chatbot specially focuses on communicating with people having stress and depression.

A main component of stress handling is sharing the feelings, whenever the negative feelings arise. However, as many of the Asian like people feels shy to share their thoughts with others, a tool of this nature will be really useful. Therefore, the original inspiration for this project is to develop and protect human responsibilities and peace and happy of mind using an intelligent chat bot

Pervasive user-friendly system aimed to enable a more natural and enjoyable fruition of the wealth of aggregated information about the "Stress and depression". System could provide the user with meaningful responses and it leads the conversation interesting and keeps continuity. This could produce the user with the positive thinking and de-stressed. Especially the treatment techniques are generally based on Asian style of counseling and treatments.

Chat bot also has some short comes or limitation as that it is restricted to English language. User must be fluent with the English language in order make a successful communication with the Chat bot. The system is fully text based and it could not recognize scanned images and other symbols. However, PGIS Chat bot is could be seen as useful, stress-free automated system for people having stress and depression.