

## MOBILE BASED SYSTEM FOR HUMAN MOOD TRACKING AND MOOD FIXING

A.P. Wickrama<sup>1</sup>

<sup>1</sup> Bachelor of Information Technology, University of Colombo School of Computing, Sri Lanka.  
Email: [apwickram@gmail.com](mailto:apwickram@gmail.com)

### ABSTRACT

Nowadays, mostly in developed countries, the area of human mood tracking and mood fixing is having a major consideration. Recently, there are several researches taken placed regarding this area as lot of researchers including counselors, physicians identifies that the major reason for the mental disorders and depressions of humans is that their unawareness and unresponsiveness for the moods appearing with them as well as not doing proper actions/mood fixing mechanisms to fix the mood. Therefore introducing a sophisticated mood tracking and mood fixing tool can be considered as a major requirement in today's termagant society to keep the mental and physical healthiness as well as to keep good performance workforce in the current business world. At the same time the professionals who have been working in this domain such as councilors, physicians and therapist normally have to rely on recalling when gathering information about symptoms from patients for previous weeks or months which is having a huge possibility for having incorrect information. The primary intention of this project is to develop a mobile based system to track human moods and get appropriate responses and helpful suggestions to fix the mood. At the same time provide a web base system to make the role of Caregiver (counselor/physician) more convenient. In this project, I mainly focused to do mood tracking in more sophisticated and automated ways such as track human eye characteristics, measure blood pressure using mobile sensors and reading text conversations of the mobile user rather than only using direct input and questionnaires mechanism which have been using in the existing mobile based mood tracking and mood fixing tools. Moreover, this tool can be used normal mobile users as well as the professionals such as counselors, physicians to tackle and keep records of moods of their clients.

**Key words:** Index for track mood by eye characteristics, Index for track mood by blood pressure, Integrated advanced mobile based mood tracking platform