



INFORMATICS
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6COSC006W - Final Year Project

Mighty Minds

MENTAL SUPPORT & MOOD PREDICTION SYSTEM FOR INFORMATION
TECHNOLOGY (IT) WORKFORCE IN SRILANKA.

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Abstract

Humans' mental wellbeing is about the contemplations and mental health and how you adapt to the good and bad times of regular daily existence. The continuous pandemic situation brought by the COVID 19 virus in 2019. This infection has seriously affected lives and occupations. As administration associations, organizations, governments either face hibernation on their business activities, the effect of social separating measures raises significant worries for the mental health of employees who really pioneers of the remote working. In this research suggest to design and develop system to analyze the employee's mental wellbeing, mood swings and future mood prediction based several common parameters.

The proposed solution intends to have the core feature as employees' future mood prediction with some other add on features which relay supporting employees' mental wellbeing. As initial set of stakeholder SriLankan IT industry employees, employers were considered to do the solution scope for the system. The proposed solution called as "**Mighty Minds**" a Mental Support & Mood Prediction System for Information Technology (IT) Workforce in Sri Lanka.

In this report problem identification and the background was clearly explained with several researches and literatures. The main goal of the research is supporting employees mental wellbeing and predicting future mood on several parameters.

Solution requirements were gathered utilizing interviews, meetings, questionnaire surveys, brainstorming sessions, existing related literature reviews and gathered requirements were felicitated in order to feed the identified issues. Considering project flow project management and Software development methodologies accrued. Solution prototype was developed and evaluated by the IT specialists and end users. Criticism got from the evaluators were recorded and will be considered in future improvements.