Evaluation Dimensions of Teacher Wellbeing Face Recognition Application

Sasmoko
Primary Teacher Education Department
Faculty of Humanities
Bina Nusantara University
Jakarta, Indonesia
sasmoko@binus.edu

Yasinta Indrianti
Entrepreneurship Department
Universitas Agung Podomoro
Jakarta, Indonesia
yasintaindrianti@gmail.com

Abstract

Fulfilling the demands of industry 4.0, teachers are required to improve the quality of their profession. A quality profession will not be achieved if the teacher does not have a qualified and prosperous person. By utilizing technological developments, teachers can monitor and diagnose self-wellbeing conditions on an ongoing basis. The encounter of educational science, this psychological trait with Artificial Intelligence, is called Positive Education. One form of it is self-diagnostic that can diagnose psychological conditions to produce optimal quality. Teacher wellbeing can be defined as a condition of teacher emotional and cognitive evaluation of their life, which is related to happiness, peace, fulfilment, and life satisfaction. This study aims to develop a research instrument, namely teacher wellbeing that optimizes the quality of teacher's work life for face recognition-based applications. The research method used is the Neuroresearch method to instrument calibration. The result of the research is an evaluation of teacher wellbeing instrument that optimizes the quality of teacher's work life for face recognition-based applications. Teacher wellbeing can be defined as a condition of teacher emotional and cognitive evaluation of their life, which is related to happiness, peace, fulfilment, and life satisfaction. So that the teacher wellbeing instrument is built by three dimensions, namely cognitive, emotional and behaviour. This study contributes to the literature on facial recognition applications, especially regarding teacher wellbeing

Keywords
Face Recognition, Quality Work Life, Wellbeing, Teacher, Neuroresearch Method

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Biographies
Prof. Dr. Ir. Sasmoko, M. Pd, CIRR, IPU has an educational background in Civil Engineering Education, Masters in Technology and Vocational Education, Doctor of Education Management, Engineer, Graduate of the National Resilience Institute (Lemhannas) of the Republic of Indonesia PPSA XVI 2009 and recipient of the best graduate award for the First Mainstay of Lemhannas RI, holder of Certified International Research Reviewer (CIRR ), and holds a Major Professional Engineer (IPU) degree. Currently as Leader of Research Interest Group in EduTech BINUS
University. In 2022 there will be 21 ongoing research projects. Has written >18 Research & Measurement Methods Textbooks and 4 monographs. Has produced 147 papers in international journals indexed by Scopus/Web of Science, with an H-index of 12. Has produced more than 27 Intellectual Property. Developer of E-Learning Model http://sasmoko.com since 2009 which is implemented in 5 universities. Neuroresearch Brand Holder. He is member of IEOM, IEEE, and AECT. ORCHID No 0000-0001-9219-9237

Yasinta Indrianti, M. Psi., Psikolog obtained a S.Psi degree, Bachelor of Psychology from Sanata Dharma University in 2006; M.Psi, Master and Professional Psychologist in Psychology from Tarumanagara University in 2016. She is currently pursuing a Doctorate in Management Science through the Indonesian Education Scholarship at Bina Nusantara University, Jakarta. Her publications relate to the scientific fields works in the fields of psychology, entrepreneurship, management and multidisciplinary. She has several certifications in addition to certification as a Psychologist as well as BNSP Certification, as an MSME Facilitator and Character Certification as a lecturer. She is also active in various community activities, namely as Deputy Secretary General at the Indonesian Catholic Lecturer Association. ORCHID No 0000-0002-3303-5977.