

# **Evaluation Dimensions of Teacher Wellbeing Face Recognition Application**

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## **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

## **Acknowledgements**

This work is supported by Research and Technology Transfer Office, Bina Nusantara University as a part of Bina Nusantara University's International Research Grant entitled Face Recognition Teacher Wellbeing Application that Optimizes Teacher's Quality Work Life with contract number: 061/VR.RTT/IV/2022 and contract date: April 8th 2022. We also want to say thanks to Universiti Kebangsaan Malaysia and Universitas Agung Podomoro for the contribution as partners in research.

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