ABSTRACT

MENTAL INSIGHT APPLICATION DESIGN
USING THE PROTOTYPING METHOD

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The spread of Coronavirus Disease 2019 (COVID-19) has led to an increasing number of cases and has extended across international borders. This situation has resulted in negative impacts globally, affecting various aspects and giving rise to new issues, one of which is Mental Health Disturbance. Mental health refers to a state in which a person's inner and emotional state is normal, calm, and peaceful, enabling them to carry out daily activities and enjoy life. According to the results of a conducted questionnaire, as much as 89.5% of students, particularly at the Telkom University Institute of Technology Purwokerto (ITTP), require a mental health application. This application is intended to help identify mental health symptoms. The Prototyping Method has been chosen to design the application for this research. This method aims to develop a system that produces an analysis to be applied in a model without waiting for the entire system to be completed. In application development, the prototyping method can create an initial version of the application with basic features that can be tested by users. This will assist the development team in receiving early feedback in the process, identifying potential issues, and gaining a better understanding of user needs before progressing to further development stages. The objective of this research is to create the Insight Mental application, which features consultation functionality, a music list, and motivational pop-ups. This application was tested using the Black Box Testing method to assess its functionality. The testing was conducted with Admins of Insight Mental, ITTP psychologists, and representatives from ITTP students. The results indicate that the Insight Mental application has performed as expected and meets the required criteria.

Keywords*: Black Box Testing, Covid-19, Mental Health, Prototyping.*