

ABSTRACT

Currently, the Student Affairs Division at Telkom University Surabaya aims to assess the level of mental health issues among students, including early detection of mental disorders such as depression, anxiety, and stress. However, the Student Affairs Division does not have a tool to monitor student's mental health, even though there are a lot of students experience mental health issues, specifically depression, anxiety, and stress. To address this issue, the author intends to develop a web-based mental health screening system. The development method to be used is Agile Scrum methodology, where the system is developed incrementally through a process that begins with creating a product backlog, planning the timeline and end goals of each sprint during sprint planning, then execute the planned tasks within a sprint, and concluding the process with a sprint review and sprint retrospective. The method that used for assessing students' mental health is Depression Anxiety Stress Scale-42 (DASS-42). This final project is a case study in the Student Affairs Division of Telkom University Surabaya, utilizing data from Telkom University Surabaya students. Based on the designing, development, and testing process, resulting in a system that helps student to know kind of mental health problem that occurs on them and know what kind of treatment that they needed either directly by a psychologist if the condition of the severity is high or indirectly via a feedback after screening if the severity is not high.

Keywords: *Screening, Depression, Agile, Web-Based*