

DEVELOPMENT OF A WEB-BASED MENTAL HEALTH SYSTEM FOR ADOLESCENTS

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ABSTRACT

Mental disorders are illnesses that are often experienced by many people, especially teenagers. Mental disorders will have a negative impact on those who experience them, such as disharmonious social relationships, disturbed physical health, suicide, difficulty concentrating and others. Therefore, a test is needed to determine the level of mental disorders, namely a screening test. Screening is useful for detecting more quickly or determining a person's risk of experiencing mental disorders such as anxiety disorders, depression, bipolar disorder, eating disorders, or stress disorders. Many screening tests are still carried out manually, this makes patients or teenagers lazy about carrying out screening tests. Screening is a process to determine a person's mental condition, in carrying out screening a system is needed that can facilitate the process because the current screening process still requires teenage patients to go directly to the hospital or psychiatrist, this is what makes some patients reluctant to carry out screening tests because various factors such as difficulty finding the right time, cost issues, and other factors. The solution to this problem is to create a system that can be used to carry out online screening tests and can be used anywhere, anytime, and certainly does not require any costs at all, the system development method used is the waterfall method. The test results of the web-based screening application are that patients can carry out the screening process for direct consultation with a psychiatrist easily without requiring a long time and quite expensive costs.

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