ABSTRACT

Mental health is important in the development of children, because children are the next generation of the nation. mental health disorders in children will affect mental development at a later stage of development. The estimated number of children with mental health problems varies by 2-3% to 22%, this number increases for children who have a disease or disability (disability).

The concern of parents in developing their sons and daughters is very large. Starting from association with the community, association with peers and relationships in the education environment. When his child cannot interact well with the environment around the child sometimes he will feel sad, anxious, always alone even to depression. If the child cannot control one of these disorders, the impact will be very bad for the child's social development. The purpose of this study is to make an early detection system for anxiety disorders in children aged 5-12 years. Monitoring and input of symptoms that exist in children and adolescents is done through anxiety tests. An anxiety test is then processed and entered into the database. The test results will show the level of anxiety based on the score. With this score, the child's level of anxiety can be monitored and concluded.

The results showed that of the 30 respondents who answered the kursioner questions with results of more than 70% using the Likert scale that this application helps in detecting psychiatric disorders. Depression is a mental health problem in school children so that special handling needs both by parents and health services.

Keywords: Early detection, anxiety, android application, mobile, e-health