ABSTRACT

A social differences in the environment has become commonplace for children who have a developmental disorder of the brain or autistic disorder. Where autistic disorder can not be cured but can be reduced by doing some therapy. Therapy that uses learning methods in the early stages of an identification to recognize the social environment. Learning methods of identification include: introduction to numbers, letters, animals, fruit, and something that can help autistic children to get into the social environment. Applications that implement the methods of learning at an early stage or phase identification into a much-needed technology. Application of learning for children with autism that contains android based learning method for recognition of numbers, letters, pictures and drawings equation has been created in the final project. Designing appropriate learning method produces 4 learning modules consisting of modules digit recognition, letter recognition module, the module image recognition and image equalization module. The learning process will be assisted by a vote which helps the user to make the learning process. Testing that has been done, resulting in a good response to the use of this application. By testing the questionnaire was obtained overall percentage of therapists as much as 86% stated that this application is very helpful to therapists and children with autism to perform learning compared to learning how to manual.

Keywords : Autis, Android.