Abstact

Smyle is an application for detecting and handling early dyslexic symptoms for children aged 10 to 12 years based on Android. Detection and handling are in the form of visual and audio, by conducting tests on children and providing learning to children who get symptoms of dyslexia.

Detection of the Smyle Application is that parents tell the child to read the words displayed on the screen, then the parents check whether the way to read is smooth or not, if it is not smooth the parents can tell the correct pronunciation method by pressing the sound button provided, do the whole a question which total 10 questions to find out the results of detection. In this application there is also learning for dyslexic children who use the *gillingham* method.

The Smyle application chooses an Android based platform because most people in Indonesia use an Android-based mobile device. Expectations from making the Smyle application can make children and parents recognize / know the common symptoms of dyslexia.

Keywords: **smyle**, **dyslexia**, **mobile**, **android**, **detection**, **gillingham**.