ABSTRACT

Morse code is a special code or code used to communicate through a special language Morse, either by way of writing, light, and sound. The way of writing is with the dot (.) And line (-) on each letter according to the letters in the alphabet, numbers and punctuation. Currently Sandi Morse is one of the skills that must be studied in elementary school in extracurricular scout starting from the level of ramu grabber is the grade 5 elementary school (SD) with the target material that is, the students can memorize the morse letters and can also implement through the writing , Sound, or light. Currently, at the extracurricular level of extracurricular scouts SDN Abdi Negara kec.Rancaekek every student learns by using a pocket book. In this source book there is the following morse code learning materials with alphabet, numbers and punctuation. In this way, if the material has been studied, the material can not be repeated, resulting in difficulties when the student wants to study the material again.

With this problem, it is proposed to create a morse code learning application for scout level-raiser with 3 main features, ie morse password learning feature using text, morse password learning feature using light, and morse code learning feature using sound. Also added another feature that is the exercise feature so that students can measure the understanding of material that has been studied. This app is made for Android users using the methods (A.D.D.I.E) and java programming languages.
From black box test results and questionnaires, users gave a 90% assessment for morse password feature using flashlight and sound. In addition, users also provide a rating of 100% for ease of application.

Keywords: Morse Password, Scout Penggalang, Morse Light, Morse Sound, Java, Android, ADDIE.