

ABSTRAK

Perubahan gaya hidup masyarakat Indonesia mengalami perkembangan yang cukup pesat. Hal ini disebabkan karena meningkatnya pengguna komputer yang tidak terbatas pada kalangan dewasa melainkan kalangan muda termasuk anak-anak. Penggunaan komputer pada anak-anak didukung dengan adanya pelaksanaan Ujian Nasional Berbasis Komputer (UNBK) pada siswa sekolah dasar. Berdasarkan perkembangan tersebut, akan dilakukan penelitian perancangan mouse yang dirancang khusus untuk anak-anak. Perancangan tersebut dilakukan dengan melakukan pengukuran antropometri pada tangan anak usia 8 sampai 12 tahun. Pengambilan data dilakukan terhadap 174 orang siswa-siswi sekolah dasar negeri di kecamatan Kamal. Pengolahan data dilakukan dengan menggunakan uji kecukupan, uji keseragaman, uji kenormalan, menentukan persentil serta melakukan pengujian *independent one sample t-test*.

Kata kunci : Komputer, *mouse*, antropometri, uji kecukupan, uji keseragaman, uji kenormalan, persentil, *independent one sample t-test*.

ABSTRACT

Changes in the lifestyle of Indonesian society has developed quite rapidly. This is due to the increase in computer users who are not limited to adults but young people including children. The use of computers in children is supported by the implementation of the National Computer Based Exam (UNBK) in elementary school students. Based on these developments, mouse design research will be designed specifically for children. The design is done by measuring anthropometry in the hands of children aged 8 to 12 years. Data collection was conducted on 174 students of public elementary school in Kamal sub-district. Data processing is done by using sufficiency test, uniformity test, normality test, determine percentile and perform independent one sample t-test.

Keywords: *Computer, mouse, anthropometry, adequacy test, uniformity test, normality test, percentile, independent one sample t-test.*