

ABSTRACT

Children under five are children who have reached the age of one year or more that are popular with the understanding of the age of children under five years (Muaris.H, 2006). At the age of toddlers, children are still fully dependent on parents to do important activities, such as bathing, water and eating.

Developing and walking has improved. But other abilities are still limited. Toddlerhood is an important period in the process of human growth and development. Development and growth at that time will determine the growth and development of children in the next period.

Therefore in this study, will design a mobile application-based application using genetic algorithm methods and expert systems in making this application are expected to facilitate the distribution or regulation of eating patterns for toddlers and help grow toddlers' growth for the better. The accuracy value of testing the application data sample is 90%.

Keywords: toddlers, mobile applications, genetic algorithms, applications, expert systems