ABSTRACT

Child nutrition prediction is used to determine the health condition of an object, the object referred to here is girls aged 0-5 years. This study aims to determine the nutritional condition of girls aged 0-5 years in the city of Bandung, especially in the Kujangsari Health Center. Does the girl have more nutrition or good nutrition or even less nutrition. The calculation of Child Nutrition assessment uses the parameters of the child's nutritional status, which consists of Over Nutrition status, Good Nutrition status, and Underweight Nutrition status, which is assessed based on measurements of Body Weight for age. The results of these measurements will be plotted in a growth curve based on the child's age and given an average child's weight based on the number of calculations.

Samples taken were young girls (age range 0-5 years) in the city of Bandung, especially in the Kujangsari Community Health Center. The study sample numbered approximately 100 samples, all of which were girls. The expected output from this research is to be able to provide feedback to the health party (Kujangsari Community Health Center) in the form of the results of the research data that we calculate based on andoid.

Through this thesis, the author can design and implement a nutritional measurement of children aged 0-5 years using the Z-Score method as a method of calculating the nutrition of children under the age of 5 years. With the creation of this system, it is expected to be a tool for the Kujangsari Community Health Center to recap data more easily and quickly.

Keywords : child nutrition, android, Z-Score.