

ABSTRACT

Body weight infants are regular monthly agenda, initiated by the Health Department in order to control the nutritional status of children in Indonesia. Through this body weight could be known indicators of nutritional status of children based on body weight according to age.

Activities of their body weight in children is usually done posyandu or clinic. In the exercise, each child will be given a card called Kartu Menuju Sehat. On the card there weight charts by age indicator. So that can be known nutritional status of children after plotting on the card.

Considering the important role these activities will be done on this final project development in terms of digitalization and Card Towards Healthy scales. So that would produce a digital balance connected to a computer application that can store data and create graphs weight loss nutritional status of children.

The final project is the realization of a digital infant scales and a database application created using Visual Basic 6.0 and Microsoft Access. It is expected that this system can facilitate the process of weighing and controlling the health status of children under five.

Keywords: *Weighing babies, ATMEGA8535 Microcontroller Serial Communications, Visual Basic 6.0*