

ABSTRACT

From the Promise Renewed Report: 2015 Progress Report Indonesia is included in the top 10 deaths under 5 years, one of the solutions to overcome this problem by giving exclusive breastfeeding, but the exclusive breastfeeding of infants at the age of 0-6 months in Indonesia itself is still less at 54, 3%. Then the percentage of malnutrition and malnutrition according to BB / U in Indonesia 19.6% malnutrition and 5.7% malnutrition. Based on this background the research makes an application, which aims to monitor the development of nutritional status and can provide advice so as to reduce infant mortality and malnutrition.

The design in building this system is divided into use case diagrams, class diagrams, sequence diagrams, activity diagrams, Entity Relationship diagrams, flowcharts, navigation structures and interface design. The type of research used is Library Research using Design and Creation. The testing techniques used are catalone, blackbox and cousioner. This research produces an application that monitors the development of nutritional status in a digital mobile by using the Z-Score method but it can also provide advice in accordance with the development of nutritional status and age of infants and toddlers.

Keywords : *Nutritional Status, Z-Score Method, Mobil*