

## **Abstract**

Development growth monitoring application and nutrition in children as a means of support for the parents to help them monitoring their child's growth and nutrition.

The research and development of this application aims to provide ease and the efficiency of monitoring children's growth and nutrition with the help of this application. Assistance to be provided is the form of reminder notifications, recording activities, giving a brief encyclopedia of growth, nutrition, and immunization, so we hope with this application we can facilitate parents in monitoring their children's growth and nutrition. The problems that can be drawn is how these application can be used to help the parents for monitoring nutrition, growth and development in childrens, then create a method that can help the parents to be punctual in performing immunization for their childrens. So the objective of this application will be achieved with the maximum, as the method is made in the monitoring of nutrition, growth and development in childrens can be efficient and effective, and the implementation timeline schedule of immunization for their childrens to do on time. Boundary problem of the development of this application is covering the target user of this app is for parents who have children under five (5) years and for parents who can operate smartphone , especially operating android smartphone, this app is just a tool for the parents as a means of monitoring the nutrition, growth and development of children as well as a reminder of the immunization schedule.

**Keywords** : monitoring, nutrition, mobile application, notifications, android.