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ABSTRACT

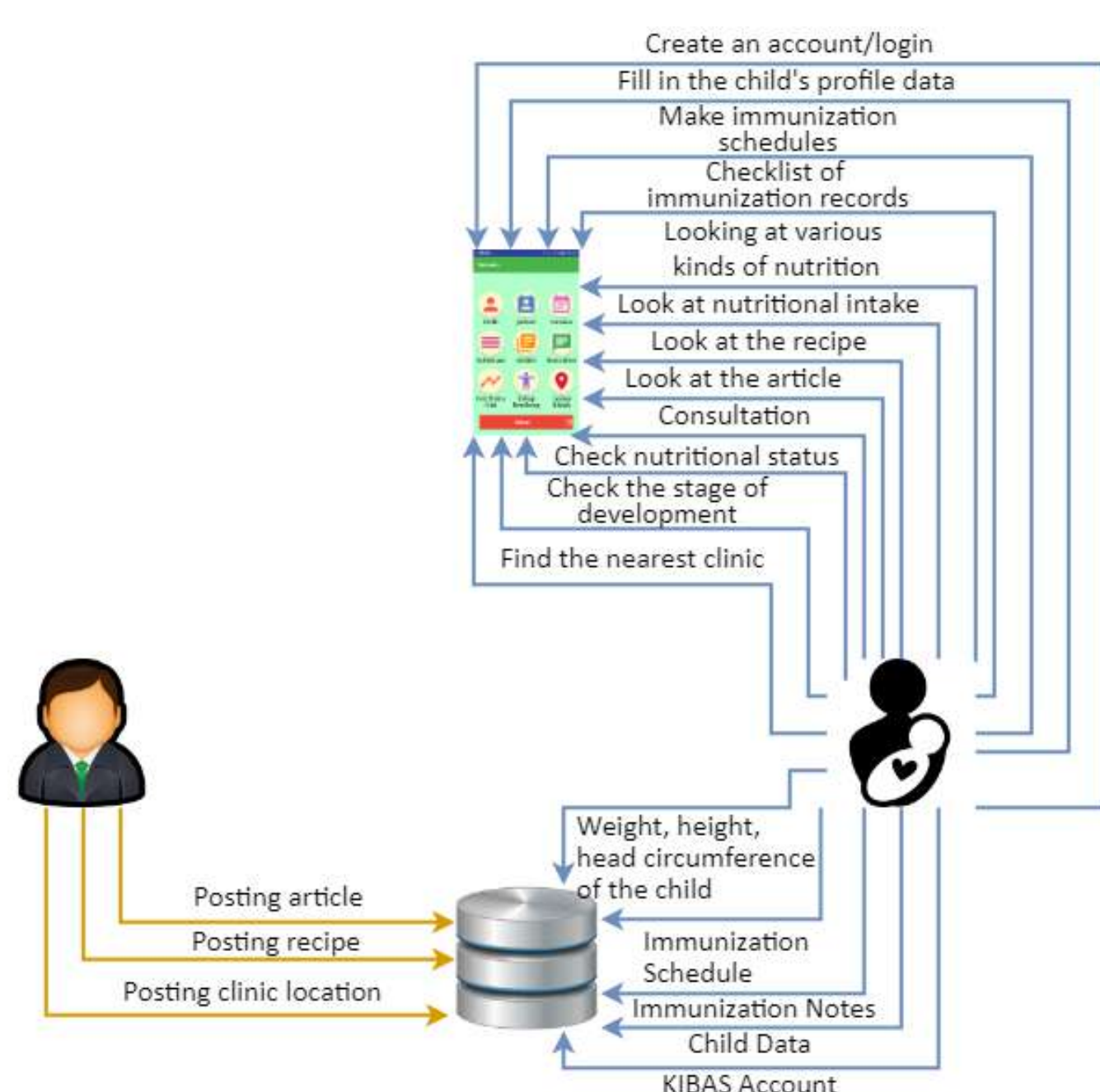
The growth and development of children must be more considered, and the quality of nutrition must be maintained and fulfilled. The role of parents is very influential in this condition, especially for mothers who have nature to protect, educate and care for the children. This condition made mothers should have enough knowledge about the children growth and development, including nutritional information to raise their children properly. The Lack of knowledge prevents mothers gain the right and valid information about the development children. This research aims to help mothers in finding and getting information about the growth and development of infants by making KIBAS software. This software using android, to provide intelligent functions about the growth and development of infants, such as checking nutritional status, checking the stage of development of children, nutrient intake, presents information related to the growth and development of infants, healthy menus for toddlers, and communication and cosultation with the expert. This study use reliable sources such as IDAI, WHO, Ministry of Health, and maternal and child health books issued by the Ministry of Health of the Republic of Indonesia. This research is using quantitative method. KIBAS software is currently only being tested in the Cakung area, Jakarta with a usability level of over 80%.

Keyword: android, mother, growth and development child, infants, toddler

INTRODUCTION

Kibas is a mobile application running on the android platform which intended for housewives. The purpose of this application is helping housewives to keep an eye on their toddlers everytime and everywhere. Kibas has five main features such as checking nutritional status, growth, schedule, clinic location and consultation. With this application, hopefully housewives will pay more attention to their toddlers's nutrition.

GENERAL DESCRIPTION OF THE SYSTEM



KIBAS

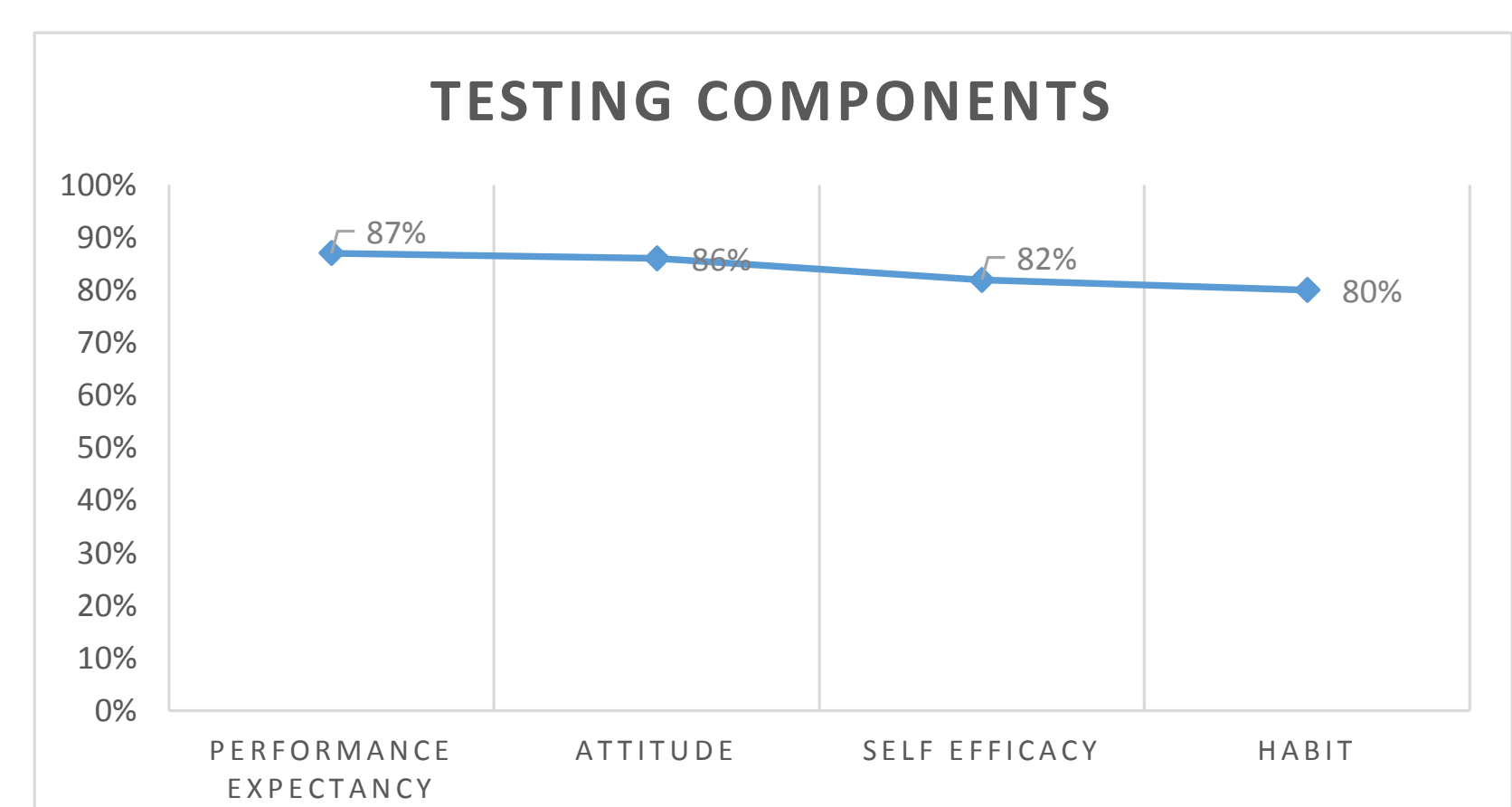
METHODES

- Questionnaires
- Using prototyping approach

BENEFITS

1. Housewives are able to check toddlers's growth
2. Housewives are able to monitor toddlers's growth
3. Housewives are able to arrange immunization's schedule
4. Housewives are able to find the nearest clinic
5. Housewives are able to consultation with health experts for free

TESTING AND RESULT



CONCLUSION

Kibas is an application for housewives who have toddler. Application testing using variabel performance expectancy, effort expectancy, attitude, self efficacy, and habit with 36 respondents. Based on testing application, yields a percentage of 83%. Based on result it can be concluded that kibas application is fully needed by housewives to gain information of toddlers's growth.