

ABSTRACT

Kartu Menuju Sehat (KMS) is an identity card of a toddler which still uses paper at Integrated Healthcare Center (IHC). KMS is a nutrition counseling media for mothers who have children under 5 years old (Toddler). However, some toddlers do not have KMS because of damaged, lost, and accidentally carried away by IHC Cadres. IHC Manggis uses KMS and Whatsapp as media to monitor child development. Mothers of toddlers often feel left out of information and cadres experience delays in reporting to the Public Health Center. Some mothers of toddlers use the KMS application to store growth data and find out the nutritional condition of their children. Furthermore, users are a bit confused by the choice of buttons and data entry formats that are poorly understood. In addition, there is no user interface for IHC Cadres. Hence, it takes a recommendation for interface modeling with a target user of mothers of toddlers and IHC Cadres to monitor the growth and development. From these problems, the digital KMS interface needs to be designed so the users can fulfill their goals without feeling confused. The researcher uses the Goal-Directed Design (GDD) method to model the KMS interface because GDD can design a goal-directed interface by identifying the goals, motivations, and needs of users, namely mothers of toddlers and IHC Cadres. The KMS interface visualization model that has been designed is evaluated using the System Usability Scale (SUS). The test results obtained a score of 79.5 with an adjective rating of GOOD and a grade scale of B for IHC Cadres and mothers of toddlers a score of 90 with an adjective rating of EXCELLENT and a grade scale of A. This score was obtained because the user's goals were met in monitoring the growth and development of children with the features in the application prototype such as the categorization of information on IHC activities related to toddlers that could be more easily accessed, helping to determine the nutritional condition of toddlers, helping to store a history of toddler growth and development, as well as display models. discussion forums that can help users exchange information. The existence of this feature makes it easier for mothers of toddlers and IHC Cadres to monitor the growth and development of toddlers.

Key Words: *Goal-Directed Design, KMS, System Usability Scale, Posyandu, User Interface.*