

ABSTRACT

Stunting is a health issue that affects children's growth, primarily due to parents' lack of understanding of balanced nutrition. This study offers an educational solution through the design of a mobile application using the design thinking approach, which includes the stages of empathize, define, ideate, prototype, and test. Data was collected through literature studies and surveys to understand user needs in receiving child nutrition information. The application design emphasizes ease of use, visually appealing interfaces, and interactive features such as nutrition guides, nutrition requirement calculators, and multimedia-based educational modules. The result of this study is an application prototype that has been tested through usability testing to assess its effectiveness in raising public awareness of the importance of optimal nutrition. This application is expected to serve as an educational medium that contributes to preventing stunting in children from an early age.

Keywords: *Stunting Prevention, Mobile Application, Nutrition, Stunting, Design Thinking.*