

ABSTRACT

The nutritional problems among toddlers in Indonesia remain high, exceeding the WHO standards. Central Java, particularly Tegal Regency, has become a priority area for intervention. At Posyandu in Pos 4, Bojong, the process of recording and reporting children's height and weight measurements is still performed manually, making it inefficient and prone to data loss. In accordance with Government Regulation No. 75 of 2014 concerning the Health Information System, this research aims to develop a web-based information system for recording and reporting children's height and weight using the Throw-away Prototyping method, named CANDU. The system development process involved several stages: requirements exploration through interviews, observations, and literature studies; designing and evaluating prototypes through three iterations; implementation using the CodeIgniter4 framework; and testing using Black Box Testing and User Acceptance Testing (UAT). The results showed that the system functioned properly without issues and was user-friendly. The system improved time efficiency, particularly in reporting and nutritional status analysis, by up to 24 hours or more, enabled real-time reporting, and reduced the risk of errors, data loss, or damage. Consequently, this system can assist healthcare workers and cadres in recording, reporting, and analyzing toddlers' nutritional status and help parents monitor their children's nutritional conditions.

Keywords: Information System, Stunting, Website, Throw-away Prototyping.