

ABSTRACT

The design of a prototype application for monitoring early childhood development is a crucial need in ensuring the quality of education and care in daycare environments. This study aims to develop a prototype application that facilitates the periodic monitoring, reporting, and evaluation of children's development at TPA Telkom School Daycare. The User-Centered Design (UCD) method is applied to understand users' needs and preferences, while the Task-Centered System Design (TCSD) method is used to identify and design features relevant to users' tasks. This research involves user needs analysis, prototype design, and usability evaluation. The results show that the UCD and TCSD approaches can produce an application that is relevant, efficient, and easy to use by both parents and caregivers. The application is expected to enhance the effectiveness of the monitoring process and provide a positive impact on early childhood development.

Keywords:

Monitoring Application, Early Childhood Development, User-Centered Design, Task-Centered System Design, Daycare