

The Breastfeeding Class Website: An Initial Testing of Web-Based Learning Management System

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Abstract

Breastfeeding success is a skill that needs to be taught during pregnancy. Information about breastfeeding can be provided by utilizing information technology, one of which is a website. This study aims to design a breastfeeding class website for educational media. The research design was research and development with a waterfall model that includes analysis, design, programming, testing, and maintenance. The website developed was a Web-based LMS (learning management system). Testing in this study was the 1st functional test. The instruments or substances displayed on the website include materials in the form of text, video, and posters as well as BSES-SF, IIFAS, and breastfeeding knowledge questionnaires. The results achieved was the formation of a LMS Web-Based with the domain www.kelasmenyusui.com which can be accessed via Laptop or PC and Android. The website menu included a home, material list, member list, and dashboard. the 1st stage of the breastfeeding class website functional testing stated that in general, the breastfeeding class website could function well, but there were still problems with the function when the website was accessed by many users at the same time. The results of this assessment will be the basis for future improvements so that the website can be utilized optimally.

Keywords

Website, Learning Management System, Breastfeeding Class, Initial Testing