

ABSTRACT

The web-based information world is rapidly evolving, encompassing both interactive and static elements, with significant applications in the field of education. It offers quick and accurate information services, contributing to the significant and fundamental development of the education sector). The school profile website from the Ministry of Education and Culture (KEMENDIKBUD) currently only provides basic profile features. Due to the lack of information and features on the website, a redesign and further development are needed. Therefore, this research, based on interviews with relevant parties such as SDN 1 Sukamulya, necessitates a redesign and development of the website. The approach taken in this redesign and development utilizes the Five Planes method. The creation of a website that aligns with user preferences, combines an attractive design, and offers an experience that meets user needs. The design and development of this website be evaluated using the WEBUSE method. WEBUSE (Web Usability Evaluation) is a method for assessing the usability of a website based on a comprehensive usability criteria questionnaire. In the UI/UX design phase, the Five Planes method was applied, and after the design phase, the website's feasibility was assessed using the WEBUSE method. This research successfully designed a website for SDN 1 Sukamulya by applying the Five Planes method in the design process. Based on the comparison of evaluations using the WEBUSE method, the usability score of the website improved from a usability score of 0.657, which falls into the "good" range (0.6 - 0.8), to a usability score of 0.829, which falls into the "excellent" range (0.8 - 1). This score indicates that the website's usability level is excellent, demonstrating that the design and development efforts have successfully provided an outstanding user experience.

Keywords: *Five Planes Method, Usability , Website, WEBUSE.*