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A WEB-BASED LIBRARY SYSTEM OF LAGRO SENIOR HIGH SCHOOL AMIDST PANDEMIC¹

Keywords: Web-based Library System, IATF, Health Protocol Policy

The researchers developed a web-based library system of Lagro Senior High School amidst pandemic situations. Because of the pandemic situation that happened worldwide, the researchers wanted to innovate and contribute something that may help the students amidst pandemic on how to use and access the library of Public Senior High School of the Lagro High School going to school. The Philippine government was already amended and implemented the health protocol policy with IATF officers' assistance to protect ourselves against the covid-19. The study used stratified and simple random sampling techniques to get the 50 respondents from the total Grade 12 TVL-ICT who took the Practical Research II subject. Research instruments such as survey questionnaires using the Google form were used and conducted by the researchers. The study aims to answer the following questions: 1) What are the respondents' challenges in using the Lagro Senior High School library system before the pandemic situations? 2) What is the respondents' level of satisfaction using a web-based library system of Lagro Senior High School amidst a pandemic situation? 3) What is the respondents' level of agreement using a web-based library system of Lagro Senior High School in functionality, reliability, usability, and efficiency? And 4) what are the features of the web-based library system of Lagro Senior High School? Based on the result, among 50 participants who participated, only 43 respondents answered the survey questionnaire via Google form. The respondents' challenges that the library of Lagro Senior High School resources are limited and the students rely on the internet to gather other information and resources had resulted in 62.8% and highest among the lists. On the student's level of satisfaction using a web-based library system of the respondents had an average mean of 3.97 or moderately satisfied. Lastly, the level of agreement using a web-based library in terms of functionality of the system had an average mean of 1.64 or satisfied, the usability had 1.72 or satisfied, the efficiency of the system had 1.74 or satisfied, and the reliability of the web-based library system had an average mean of 1.75 or satisfied. Therefore, the web-based library system developed was moderately satisfactory. All the Senior High School students can use as their other means gathering resources and collecting information for their study, particularly in Practical Research II part of their curriculum. And it is useful for the student to use the web-based library system amidst pandemic situations.

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