

Proposed Senior High School Learning Management System in the Context of Design and Features

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ABSTRACT

The research takes into account the input from the different senior high school (SHS) principals, teachers, and students in Central Visayas and Negros Island regions as regards to their experience in the first year of the implementation of the K to 12 Program. It focused on the problems encountered by the stakeholders with the end view of proposing for implementation a learning management system (LMS) for the senior high schools.

The design process of the proposed Senior High School LMS utilized the user-centered design approach. The design phase had involved the senior high schools' stakeholders in order to understand their needs and preferences on system features and processes. The user and system specifications of the proposed LMS were anchored on the features as desired by the principals, teachers and students in accordance with Department of Education (DepEd) and generally-accepted standards of an LMS. It has a facility to integrate learning materials accessible to all Senior High Educational institutions as prescribed by DepEd and allow implementing schools to integrate school-based standards to deliver common curriculum content to teachers and students. Moreover, the system allows schools to create curriculum and manage class sectioning. Instructors can create and deliver content, monitor student activities, and assess student performance. The LMS also enables learners to upload assignments, projects, take assessments and view their performance.

Keywords: Learning Management System, User-Centered design, K-12 Educational Program