

ABSTRACT

This study was to develop a Library Management System in Dasmariñas East Integrated High School. The researchers aimed to create and deploy a library management system kiosk specifically for the Dasmariñas East Integrated High School - Junior High students. The system was capable of the functions from the traditional library management it includes the registration of books and students, borrowing and returning of books. It also includes some additional features such as searching of books, logging in and out of students by the use of quick response code for a manageable time in and time out of students, and efficient management of records. The system was developed using sublime text editor to create or program a Hypertext Preprocessor (PHP) and JavaScript a scripting language for web development and for the designing of website some open-source web technologies are used such as HTML, and CSS. For the programming of the kiosk desktop application, the notepad++ and visual code are used for the python language. Test results showed that the process in the kiosk was much better than the traditional library system which uses paper and pencil in terms of speed and accuracy.