

Information System Development for Online Journal System Using Online Journal System for Journal Management of Suan Sunandha Rajabhat University

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Abstract : The aim of this study is to develop the online journal system using a web application to manage the journal service of Suan Sunandha Rajabhat University in order to improve the journal management of the university. The main structures of the system process consist of 1. journal content management system 2. membership system of the journal and 3. online submission or review process. The investigators developed the system based on a web application using open source OJS software and phpMyAdmin to manage a research database. The system test showed that this online system 'Online Journal System (OJS)' could shorten the time in the period of submission article to journal and helped in managing a journal procedure efficiently and accurately. The quality evaluation of Suan Sunandha Rajabhat online journal system (SSRUOJS) undertaken by experts and researchers in 5 aspects; design, usability, security, reducing time, and accuracy showed the highest average value (X=4.30) on the aspect of reducing time. Meanwhile, the system efficiency evaluation was on an excellent level (X=4.13).

Keywords : online journal system, Journal management, Information system development, OJS

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