Undergraduate Students Acceptance of Library Online Database System to Support Studies and Research

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Abstract
This paper reports on the user acceptance test (UAT) result that examine participants' acceptance of a library online database system that has been developed to support the process of studies and research among undergraduate students. The objectives of the user acceptance test are to ensure the new system does what it set out to do and meets the requirements the business has of it. In order to test the system that is expected to cooperate with user demands and expectations, certain variables have been taken into consideration. The variables were taken from the requirements collected from a survey that has been collected earlier. The variables were then categorized into four categories mainly People, System Usability, System Features and User Satisfaction. A single case study has been employed in this evaluation which included undergraduate students from International Islamic University Malaysia (IIUM) as participants. These participants are directly involved in the usage of an online database system in IIUM. The user evaluation is carried out in two phases. The first phase involves a task-based approach where participants are given several tasks to perform while using the system. The second phase is a questionnaire to elicit the participants' feedback on the perceived usefulness of the system after they have completed the tasks given. The user acceptance test of the Library Online Database System (LODS) in serving the undergraduate students has been reflected by the positive feedback from the 15 participants. The findings signify a positive reaction from participants towards the system. The system, in general, has been perceived as useful to support studies and research works among undergraduate students electronically.

Keywords
User acceptance test (UAT); Library Online Database System (LODS); Undergraduate students' studies; undergraduate students; online database

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Cited References: 11

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1. Library Online Database System For Undergraduate Students
   By: Athira, Nør.
   Indian Journal of Science and Technology. Published: 2016
   Times Cited: 1

2. Title: [not available]
   Group Author(s): Badtesting.com
   TEST CASE SPECIFICATION - BAD TESTING & REG; Published: 2016
   Retrieved 5 January 2016, from
   Times Cited: 1

3. Title: [not available]
   By: Bego, S.; Coset, R.; Leeuwestein, R.; et al.
   Acceptance Test Plan; Published: 2006
   Retrieved from
   URL: http://www.swin.tue.nl/2R690/projects/spingrid/atp.pdf
   [Show additional data]
   Times Cited: 1

4. Title: [not available]
   Group Author(s): Britannica Concise Encyclopedia
   Search engine definition; Published: 2012
   Times Cited: 1

5. Title: [not available]
   By: Chapanis, A.
   Evaluating Usability; Published: 1991
   Publisher: Cambridge University, Cambridge, UK
   Times Cited: 2

6. Title: [not available]
   By: Hambling, B; Van Goethem, P.
   User acceptance testing: a step-by-step guide; Published: 2013
   Publisher: BCS Learning & Development
   Times Cited: 8

7. Title: [not available]
   Group Author(s): International Software Testing Qualification Boards
   ISTQB Glossary of Testing Terms; Published: 2016
   Retrieved 5 January 2016, from
   Times Cited: 1

8. Screenshot identification by analysis of directional inequality of interlaced video
   By: Lee, Ji-Won; Lee, Min-Jeong; Lee, Hae-Yeun; et al.
   EURASIP JOURNAL ON IMAGE AND VIDEO PROCESSING Article Number: 7 Published: 2012
   Times Cited: 97

9. Why first-year college students select online research resources as their favorite
   Times Cited: 1
By: Purdy, J.

First Monday. Published: 2012

Title: [not available]

By: Rice, B.

Evaluation of Online Databases and Their Uses in Collection Evaluation. Published: 1985
Retrieved July 30, 2015, from
URL: https://www.ideals.illinois.edu/bitstream/handle/2142/7387/librarytrends33i3e_opt.pdf?sequence=1

Times Cited: 1

Group Author(s): TOP UNIVERSITIES.

QS world university rankings by subject 2014-medicine. Published: 2014
Internet cited 26 Sep 2017
Publisher: QS Quacquarelli Symonds, London, UK

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