ACIS : A TOOL FOR ASYNCHRONOUS COLLABORATIVE INFORMATION SHARING

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A dissertation submitted to the Faculty of Computer Science and Information Technology, University Malaya in partial fulfillment of the requirements for the degree Master of Computer Science

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Perpustakaan Universiti Malaya

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DECLARATION

I certify that this dissertation submitted for the degree of Masters is the result of my own research, except where otherwise acknowledged, and that this dissertation (or any part of the same) has not been submitted for higher degree to any other university or institution.

Signed: ____________________________

Hadzariah Ismail

Date: ____________________________
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ABSTRACT

Collaboration enables a set of partners to work together while sharing information. The partners themselves are organizations composed of people who perform tasks consistent with the rules of the organization. The thesis explores and analyzes collaborative asynchronous applications dedicated for information sharing purposes. The thesis addresses how information is shared and disseminate in a virtual environment. Thus, for this thesis, it focuses on an in depth investigation of asynchronous applications and the prototype development of ACIS (Asynchronous Collaborative Information Sharing). Assessment of the characteristics of each of asynchronous applications are analyzed and the possibility of their functions to be developed in ACIS. ACIS is a case study that specifically developed for students to work in a collaborative environment emphasizing on the case of submitting an assignment. The software used to implement this case study is Lotus Domino Designer. In conclusion, it is hope that the case study can help to support students and enhance the capabilities of exploring ways of making and learning more enjoyable and appealing.
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