

**RESEARCH WORKS IN LIBRARY AND
INFORMATION SCIENCE
VOLUME 3**

**Roslina Othman
Basri Hassan
Ahmad Bakeri Abu Bakar**



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Editors

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19. A PROTOTYPE FOR COMPUTER ASSISTED LEARNING FOR IIUM LIBRARY

Ahmad Abdul Wafi Abd Karim, Basri Hassan and Roslina Othman

ABSTRACT

This chapter reports on the developer of the CAL prototype for IIUM library users. The steps involved include the analysis of training needs, design of training program, and development of training program, testing and improving of training program, implementation of training program and evaluation of training program. Users training needs in this phase were determined from literature review.

19.1 Introduction

This section describes the hardware and software used in designing and developing the prototype online tutorial. The computer used in the design and developing the prototype online tutorial has the specifications such as Intel Pentium 4 2.4 Gigahertz processor, 256MBRAM, 128 MB graphic card, CDRW drive, 80 GB hard drive, Inkjet printer (Canon), USB drive and Colour scanner (HP). The following software was used for designing and developing the prototype CAL as follows:

19.1.1 Macromedia Authorware (Version 6)

This is the main software use to design and develop the CAL. There were many reasons why Authorware chosen by the researcher. Among the reasons were, it is user-friendly software. Beginners with minimal or no programming experience can use Authorware to develop interactive and media rich applications with ease. Authorware use simple visual interface, users just drags icons to the