

A CLIENT-SERVER BASED INSTANT MESSENGER APPLICATION FOR FACULTY OF COMPUTING & IT (FOCIT)

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ABSTRACT

This project is doing on study and implementation of instant messenger application (called as IM application) which is developed for FOCIT. Instant Messenger as it primarily intends to overcome traditional forms of communication, such as E-mail, phone, FAX, forum, plus chatting room. Therefore, it is necessary to introduce this application to the FOCIT department in INTI University College which is currently not using instant communication application in campus environment.

Firstly, this project will carry out the study or research on the current available instant messenger applications, and then to develop and produce an end product which consists of login mode, password recovery, verification, private text chat, chat room, buddy list, presence detection and search mechanism. This application will be connected to the FOCIT server during implementation, and therefore this application only operate or run within campus. Hence, end-users (staffs and students) can utilize this application by using their own authentication information to connect to FOCIT server. The connection of this application to FOCIT server can be made either in manual mode or automatic mode, all of this should depend on selection of the end-users. With this application that enables end-users to make an instant communication with each other, rather than doing delay communication such as Email.

Consequently, this application can provide facility of chatting and even in work related communication as well to both staffs and students without geographical boundary. For example, staffs can have an instant communication with students and vice versa, by through of private or group chat.