

USER FRIENDLY CONCEPT IN INTELLIGENT BUILDING

CASE STUDIES : CENTRAL PLAZA, WISMA CYCLECARRI. AND
MENARA PUBLIC BANK

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ABSTRACT

Scattered numbers of intelligent buildings are constructed within City Centre of Kuala Lumpur after years of 1990 encouraged by City Hall of Kuala Lumpur in order to introduce high quality office buildings. Rapid growth of few numbers of intelligent buildings posed one common problem how to operate and manage the intelligent features.

" Intelligent building" is the term that has been coined for this high technology building environments which employ sophisticated computer system, specialised cabling, electronic sensors and digital communication equipment so that the building condition can be centrally monitored and controlled automatically.

The concept of user friendly in intelligent building is to gain actual comprehension and perception about the effectiveness of the system. It was evaluated by determined the features incorporated and how they are operated, utilised and manage. The system is friendly to users was determined through factors of convenience, comfort, safety and the BAS technician able to monitor and manage the system.

Through planning and design process the user friendly systems are discussed and the application of the system was designed to end-users need. The evaluation of user friendly concept are determined through feedback from respondents. Questionnaires have been distributed to the tenants, building managers and technical staff who continuously utilise, operate and manage the facilities provided. The case studies were concentrated at Central Plaza , Wisma Cyclecari and Menara Public Bank.

Their feedbacks indicated that intelligent facilities were well accepted. Most of them recognised that the system is good and almost 100% of them noted that they felt comfortable, convenience and enjoyed the working environment within the intelligent building system. Future building should provide better and user friendly facilities in the intelligent building system.

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