ABSTRACT

Mannan, Khalid Abdul. 2013. The Design of Smart Mosque in Malang City. Final Supervisor Yulia Eka Putrie, MT. and Aulia Fikriarini M, MT.

Keywords: Mosque, Smart Building

Indonesia is a country which has the biggest Moslem society in the world. However, despite the big number of its Moslem society, the problem about efficiency in a mosque resource management is often seen in this country. The design of this smart mosque starts from a concept of building a mosque which does not merely function as a place of worshipping, but also has a function as a place of community development especially for the people surrounding the mosque. This basic concept of smart mosque stressed on the importance of the mosque program as its design base, supported by smart building technology as its management base, which eventually will produce a smart mosque as the final goal of its design. The method used is a design that is supplemented by literature study and analysis, as well as comparison with the design values in Al-Qur’an to decide the level of suitability of smart building technology application in designing a mosque. The result is a smart mosque with smart building as the main basis of its management.