

**CENTRE STUDIES OF BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**A STUDY ON THE APPLICATION OF BUILDING INFORMATION
MODELING (BIM) IN LOCAL CONSTRUCTION INDUSTRY**

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(2010510467)**

**Academic Project submitted in partial fulfilment of the requirements
for the degree of
Bachelor of Building Surveying (Hons)
Centre of Studies Building Surveying
Faculty of Architecture, Planning & Surveying**

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**“I hereby declare that this academic project is the result of my own research
except for the quotation and summary which have been acknowledged”**

Student's Name : AHMAD FADLI BIN MOHAMMAD

Signature :



UITM No. : 2010510467

Date : July 15th 2012

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**ACADEMIC PROJECT
BSB 608 & BSB 658**

CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

**This is to confirm that the student has amended his/her
academic project as directed and therefore allowed to compile**

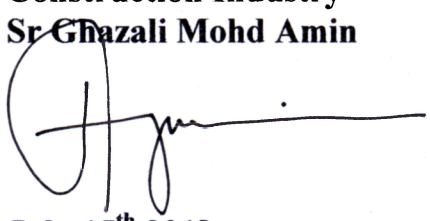
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Student's Name : AHMAD FADLI BIN MOHAMMAD

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Title : A Study On The Application Of Building
Information Modeling (BIM) In Local
Construction Industry

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ABSTRACT

The construction industry has been facing a paradigm shift to increase productivity, efficiency, infrastructure value, quality and sustainability to reduce lifecycle costs, lead times and duplications by effective collaboration and communication between project team in construction projects. This paradigm shift is becoming more serious and critical with remote construction projects which reveals unique and even more complicated challenging problem in relation to communication and management due to the remoteness of the construction sites. On the other hands, Building Information Modeling (BIM) is offered something that addresses the interdisciplinary inefficiencies in construction projects. Although in many cases the adoption of the BIM has numerous potential benefits, it also raises interesting challenges with regards to how BIM integrates the business process of individual practices. The objectives of the study include identifying the awareness and utilization of BIM system in construction industry; identify the barriers for the implementation of BIM and potential factors in accelerating the BIM adoption in local construction industry. Building Information Modeling (BIM) is a technology that currently were gaining momentum as interoperability issues become more important in relative the quality and its productivity. Although there is bound of benefits that gained from the BIM application, the local construction industry still reluctant to deploy the system in delivery its services.