

# **ADAPTATION OF BUILDING INFORMATION MODELING AMONG QUANTITY SURVEYOR PRACTITIONERS IN MALAYSIA**

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## **ABSTRACT**

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Building Information Modelling (BIM) has its roots in the mid-1980s but only recently has it risen in popularity. BIM typically use three-dimensional, real time and also dynamic building modelling software. The model will simulate design, operation, logistic, estimate, and document. The process of BIM is managing and generating building data of project life cycle. BIM can show model in 3D drafting, 4D with time plans 5D with cost plans virtual modelling of buildings and 6D with life cycle management. Benefit of using BIM is better outcomes through collaboration, design innovative in the earliest stages of project, deliver projects faster, reduced waste and so on. BIM had been used in many countries including Singapore, but the issue of BIM system is still new in the Malaysia building industry. Till now there is no study done on adaptability of BIM in Malaysia, so the research intend to study about BIM. The objectives of the study are identifying adaptability of BIM to QS practitioners in Malaysia practice and determine the readiness of QS practitioners in Malaysia of using BIM. For this study, the research had carried out in-depth interview within Klang Valley area with QS practitioner. There are 4 out of 10 participants have been conducted in the interview. The conclusion had drawn the study of adaptation and readiness of QS practitioners for BIM. Furthermore, the research has identified some potential factors to educate the building industry players on the knowledge, problem of BIM implementation and assist the development of BIM for Malaysian construction industry.