

Managing the interior design projects using BIM Technology in Egypt: State of the art

Prof. Amal Abd-El khalee

Professor at the Faculty of Applied Arts - Department of Interior Design & Helwan University.

amalawad2212@yahoo.com

Researcher. Solaiman Hassan

Researcher at the Department of Interior Design and Furniture - Faculty of Applied Arts - Helwan University

eng.soliman77@gmail.com

Dr. Doaa Al-Aydi

Lecturer, Department of Interior Design and Furniture - Faculty of Applied Arts - Helwan University

doaaelaidi31@hotmail.com

Abstract:

Building Information Modeling (BIM) technology is characterized by providing many accurate information during the project life cycle.

This research came to extrapolate the current situation of the use of BIM technology in the field of interior design project management

In Egypt, through the use of the Statistical Survey Methodology, which relies on

To collect, record and analyze the data obtained through the participation of 50 interior design companies in Egypt in a questionnaire to answer the following questions:

What are the types of projects in which technology is used? What are the main reasons why companies use technology? What are the most important software used and the criteria that are relied upon when choosing software when applying BIM technology? What are the most important features and benefits of BIM technology? What are the obstacles that companies face when using technology? What is the importance of BIM during the project life cycle? Which is better, managing interior design projects the traditional way or the BIM technology?

By analyzing these answers quantitatively and qualitatively, a set of results was obtained that reflect the current situation of BIM technology in Egypt.

In this area.

Keywords:

BIM - Project management triangle - Project life cycle –Project Management –Likert Scale.