

TITLE OF ARTICLE: Building Information Modeling: Case Study of a Duplex Building Project in Nigeria

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ABSTRACT: Activities involved in construction projects have always been complex and continue to be yet more complex for the high level of sophistication the world have attained today. As the desires of man continue to expand, so do the interests of the stake holders in the built environment industry. But the vast advances in the Information and Communication Technology (ICT) have brought about substantial amounts of research on approaches and applications to reduce the burdens of the built environment complexities. One of these new advances is the Building Information Modeling (BIM). BIM unites Design, Construction, Maintenance, Management and Documentation of building projects thereby enhancing better informed decisions by the project team players and improving the end product. This research engages Building Information Technology on a modest duplex building project. The results obtained demonstrates that Building Information Modeling breaks distance barriers between the team players working on a project, enhances safety, economy, beauty and eliminates waste.