A STUDY ON FAILURE OF LIFT SYSTEM AT LOW-COST HIGH-RISE BUILDING

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Academic Project submitted in partial fulfillment of the requirements for the degree of Bachelor of Building Surveying (Hons) Centre of Studies in 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"

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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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ABSTRACT

Lift system is very important at present because it is one of the transport used in the high-rise building. It aims not only to consumers but it is also used as transporting goods. Operation performed on a lift will help smooth transport and can save time when compared with the use of stairs. For low-cost apartment lift system one of the aspects that are important to facilitate the movement of residents in the building. Nowadays in Malaysia, we are used to hear a lot of problems about the service lift at low cost flats. Improve the quality of life, human behaviour, lack of responsibility among users especially vandalism is a problem that is always in the state on the news and articles. That are the problem must be faced by the building management in providing convenient service to user. Dewan Bandaraya Kuala Lumpur (DBKL) is one of the local authority which manages their public housing by themselves. At DBKL there has a department which manages the affairs of maintenance of buildings owned. Literature review on lift system is the first step to carry out the research, followed by observation and interviews. There are four case studies that have been selected for observations and interviews. Through this can identify the cause of the lift failure at low cost flats. Therefore, interviews were carried out with the DBKL maintenance department staff and by distributing questionnaires to users which are residents of the building. From the data analyze and the result of interviews, it show the main cause of lift system failure at low cost apartment is vandalism which is the attitude of users.