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**FIRE SAFETY SYSTEM IN HERITAGE OFFICE
BUILDINGS AT GEORGE TOWN, PENANG**

**Final Project submitted in partial fulfilment
of the requirement for the award of
Bachelor of Quantity Surveying (Honours)**

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DEC 2019

ABSTRACT

Fire is a topic that is always being neglected same as heritage buildings are being abandoned. Fire is the one of the horrific or tragic incident that could lead to dead and total destruction of the building. A heritage building is a listed building of historical that had a sentimental value itself. Referring to this research, the aim of this research is to analyses the functionality of fire safety system of heritage offices buildings and propose the strategic planning in improving the fire safety system in heritage offices buildings at George Town, Penang.

While the purpose and the objective of this research are to identify the type of the fire safety system in heritage buildings, to determine the level of fire safety system in the heritage buildings and lastly are to find the solution to improving the fire safety system. This research aims is to analysis the functionality of the fire safety system in office building. To achieve this objective, data of this research will be collecting through literature review and data analysis. The process of the data collection involved obtaining primary data from the questionnaire survey at the selected buildings cases. The findings of the study are able to improve the fire safety system in heritage buildings.

Keyword : Fire, Fire Safety System, Heritage Building

ACKNOWLEDGEMENT

With high gratitude to Allah S.W.T. who gave me the ideas and physical strength in preparing this final project/dissertation. Completion of a project of this nature requires more than just the efforts of the author. I wish to express my gratitude to the persons and all parties who responded to the survey and also offered their invaluable contributions in carrying out this final project/dissertation.

First of all, I would like to express my appreciation and acknowledgement to my supervisor who has given me guidance and unfailing support and contribution of ideas in preparing this final project/dissertation. Also a special thanks for her insightful supervision, encouragement, thoughtful criticisms throughout the research and her creative suggestions.

My gratitude also goes to all those who agreed to be interviewed, formally and informally and gave me the benefit of their knowledge, views and experience. I am also indebted to all my friends for their moral support and encouragement during the preparation of this final project/dissertation.

Finally, I would like to thank my beloved parents and family members, who never stop giving me their encouragement and full support in order for me to complete my final project/dissertation. Thank you for all the understanding given to me when I really needed it.

Thank you.

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CHAPTER ONE

INTRODUCTION

1.0 INTRODUCTION

This section explained regarding the background of the study of this research, a statement of the issue, research objectives, scope of the study and research questions. The research methodology concerned with directing this study is additionally shortly represented. Last but not least, an outline of all the chapters during the study is presented.

1.1 BACKGROUND OF STUDY

A heritage building is a listed building that had a high sentimental value unlikely newly-built buildings, which are required under Uniform Building By Law (UBBL) to undergo certain fire protection system test. Since the heritage building were mostly be built before the formulation of Uniform Building By Laws 1984, hence the structure of the buildings are not the subjected provision of the fire safety requirement provided by the-law.

Nevertheless, the Fire and Rescue Department Malaysia (FRDM) requires heritage buildings to be protected from fire risks Fire Rescue Department Malaysian states. However, the Fire and Rescue Department Malaysia (FRDM) recommended the heritage buildings to be protected from the risks Ibrahim *et al.* (2011) this article also supported by (Roslan. & Said. 2017).

According to Salleh & Ahmad (2009), Malaysian Government gives many efforts to promote conservation and preservation in the country. Fire Rescue Department Malaysia beyond the fire prevention & control system. Indicates that fire prevention,