

**CENTRE OF STUDIES FOR BUILDING SURVEYING  
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING  
UNIVERSITI TEKNOLOGI MARA**

**FIRE SAFETY SYSTEM IN OLD FOLK HOME**

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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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## ABSTRACT

Fires are one of cause's people deaths and fire also is important for people doing daily activities in the home. Without fires people can't do their daily activity. For the methodology from the research involved literature review the process of data collection get from of the respondents by questionnaire surveys and interview session at the old folk home case studies in Klang, Selangor

From the research, it can see the mostly old folk home just provide some fire protection equipment like fire extinguisher, fire sprinkler, fire alarm and means escape. the critical problem of a fires, the fire safety management are the fire drill at the old folk home users how to save self; the perform of fire and fire drill procedures; that take time to clear a house because mostly elderly in home can't move quickly and in provide clear signage indicating exit routes and location of fire safety equipment.

The one of the best way to prevent fire in of old folk home with to save that flammable materials in a safe area and To prevent that continuous the people in old folk cook avoid wearing loose fitting clotting with this material can easily catch on fire and also that never leave kitchen while cooking without supervision even for a short time. to give awareness for users this reach will provide some useful insight on the important aspects of fire safety in management and proper methods are fire protection system. and thus, help guide old folk home users to safeguard both their life and property. From management home must provide for uses and to ensure that there are have clear or "glow in the dark "signage indicates exit routes and location of fire safety equipment.

# CHAPTER 1

## INTRODUCTION

### 1.0 INTRODUCTION

Building is very important to human. Almost all of people activities cannot be done without a building. A building is place of people stay, the shelter give a place to protection people from the danger environment, and danger from others thing. Every building has its own function like house accommodates family members, a hospital building accommodates medical staff and patients, and office is used for administration work and accommodates a staff, boss and client to do the work. a factory is used for manufacturing work. Functions of Administrative building as a space where officers and staff manage doing their daily administration work. Function of building is Depending on its size, it accommodates from a few officers to hundreds of officers in a building.

To prevent problem and interruption from unwanted incidents such as theft and fires, the building must have a system security in building and fire protection system. Building security system and fire protection system same important to provide in building. Building security system should be installed for ensures that the assets and corporate secrets are well protected by preventing or discovering employee theft. Access control, for example, is to control the people who enter the building and to monitor when and why they did. This way, the building and the people inside have better protected. Old folk home and orphans home need strong fire protection systems. This is because old folk home be habited with less the ability to care their self.