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**Defects Inspection in Historical Building at Lembaga Getah Malaysia**

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## **ABSTRACT**

Maintenance is an activity performed to properly maintain, and repair is an activity performed to correct defects or damage present in a structure (Patil, 2019). This will discuss about the types of defects, maintenance and repair solution. The aim for this report is to restore the building to their original form of standard and to maintain equipment and construction services and structures. The method that been use in Jasa Sendi (M) SDN BHD is observing the defect such as crack, gap, dampness and etc., the defect will be classified with a unit risk. Jasa Sendi (M) SDN BHD classified the defect risk by using BARIS assessment. Another method is creating a plan for the building. This report is focusing on the defect and maintenance for a building based on the safety guideline. It will create a safety environment for the client and other people.

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## **CHAPTER 1.0**

### **INTRODUCTION**

#### **1.1. Background of Study**

Building inspection survey are a means of assessing the condition of property in detail and include a thorough inspection. While this isn't the only type of survey for homeowners, a building survey is the most common, especially for household customers (Really Moving, 2020).

Surveys are generally conducted to help homeowners understand the condition of a property, identify risks, and potential costs that may be required in order for them to develop appropriate repair or maintenance plans. You can also prepare for individual homeowners, homebuyers, or real estate portfolio investors for guidance on future investments (Really Moving, 2020). Inspection is done after receiving request for quotation, the inspection is done during site visit.

#### **1.2.Objectives**

- I. To identify the method of inspection for defects in historical building.
- II. To determine types of defects in historical building.
- III. To identify the element contribute to defects in historical building.

#### **1.3.Scope of Study**

The study is carried out located at Lembaga Getah Malaysia, Jalan Ampang. The building is a historical building surrounding the building with the rainforest in Malaysia. The main study focus of this case study is the inspection that need to be done to the building. Hence, the studied is about the reason for the defect in the building. Also, the studied conclude the method and tools that need to be