

**PROGRAM OF QUANTITY SURVEYING
DEPARTMENT OF BUILT ENVIRONMENT STUDIES
AND TECHNOLOGY
FACULTY OF ARCHITECTURE, PLANNING AND
SURVEYING
UNIVERSITI TEKNOLOGI MARA PERAK BRANCH**

**THE RELATIONSHIP BETWEEN SITE
MANAGEMENT PRACTICE AND
CONSTRUCTION TIME IN IBS GOVERNMENT
PROJECTS IN PERAK, MALAYSIA**

Dissertation submitted in partial fulfilment of the requirement for
the award of Bachelor of Quantity Surveying (Honours)

**PREPARED BY: I'ZZAH LIYANA BINTI MOHAMAD
ROSLI (2018659804)
SEMESTER: MARCH 2021 - AUGUST 2021**

ABSTRACT

As buildings need to be constructed in a short time with significantly reduced on-site activities, IBS is seen as a sustainable method, resulting in significant savings for the stakeholders. Although the IBS system increases project efficiency, makes it easier to manage and reduces rectification work, the trend towards IBS use is still below the national target in the Malaysian construction projects. Poor IBS project management often contributed to many difficulties, leading to project delays, undesirable performance and higher costs. Thus, this study aims to identify the correlation between site management practice in IBS Government projects and its construction time. 196 sets of questionnaire surveys were distributed to IBS contractors in Perak, who are certified with the CIDB, by email to achieve the aim of this study. 96 respondents returned the questionnaires and the result shows that there is a positive relationship between the factors affecting the construction time and the site management practice in IBS Government projects. This study will be an eye opener to the IBS contractors in Malaysia on the importance of effective site management practices to be applied during construction period as it will directly affect the construction time, thus improving the implementation of IBS in the construction industry.

ACKNOWLEDGEMENT

To Allah S.W.T., who gave me the ideas and physical strength to prepare this dissertation, with profound gratitude. Despite the challenges I have encountered in completing this dissertation, I could successfully complete this paper with His permission and grace. I would like to express my gratitude to the individuals and all the parties who have made invaluable contributions to the completion of this dissertation.

First and foremost, I would like to express my sincere gratitude to my supervisor for the continued support of my study and research, who has provided me with guidance and unfailing support for the preparation of this full report and the contribution of ideas. Also a special thank you for his informative supervision, motivation, thoughtful criticisms and his insightful suggestions during the research.

Finally, I would like to thank my beloved parents and family members who have never stopped giving me their full support and motivation to finish my dissertation. Thank you for all the understanding you gave me when I needed it.

Thank you.

TABLE OF CONTENT	PAGE
ABSTRACT	i
ACKNOWLEDGEMENT	ii
TABLE OF CONTENT	iii
LIST OF FIGURES.....	vii
LIST OF TABLES.....	vii
LIST OF ABBREVIATIONS	viii
CHAPTER 1 - INTRODUCTION.....	1
1.1 INTRODUCTION.....	1
1.2 BACKGROUND OF THE STUDY.....	2
1.3 PROBLEM STATEMENT.....	3
1.4 RESEARCH AIM.....	4
1.5 RESEARCH OBJECTIVES.....	4
1.6 RESEARCH QUESTIONS.....	5
1.7 SCOPE OF STUDY.....	5
1.8 LIMITATIONS OF STUDY	5
1.8.1 Time Constraint.....	5
1.8.2 Limited Access	5
1.9 METHODOLOGY OUTLINE	6
1.9.1 Primary Data	6
1.9.2 Secondary Data	6
1.10 STRUCTURE OF RESEARCH.....	8

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The background of the dissertation will be discussed in chapter one of this dissertation. In general, several sections will be addressed in this chapter:

- i) Background Study
- ii) Problem Statement
- iii) Research Aim, Objectives and Questions
- iv) Scope and Limitations of Research
- v) Methodology Outline
- vi) Data Analysis
- vii) Structure of the Research