

Universiti Teknologi MARA

**Code Commentation and Code
Documentation Practises for FTMSK's
Web Portal**

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Abstract

Code commentation and code documentation practises developed professionally to support continuous maintenance for a source code of a software system. By applying these practises, hopefully software maintenance becomes easier. This project reports results obtained from the implementation of these practises which are strongly suggest that the activities are convenient. The results show clear advantage of having standard style of comments which could help programmer to understand code faster for future use. The results further show the steps to make coding standardized, by using several approaches and programming techniques. Code documentation generated using auto-documentation generator which reads comments written in the source code with standard style of comment. All steps regarding these practises are provided to help programmer understand the conceptual approach and implementation approach. As an example, a group of codes is commented and documented using these approaches.

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CHAPTER 1

INTRODUCTION

This chapter provides the background and rationale for the project. It also offers details of the scope, objective and significance of the project, the issues and problems that led to this project.

1.0 Background Of The Project

Software maintenance is the cost with modifying a software system or component after delivery to correct faults, improve performance or other attributes, or adapt to a changed environment. Software maintenance also means the activities associated with changes of the software system after it has been delivered. Software maintenance is a crucial step in software engineering (Bennet et al., 2002). Software maintenance can and only be done if the programmer has a documentation. The documentation will help the other members of the organization to understand what the software is about.

To maintain software documentation, it requires skills and knowledge of software development and maintenance in term of management. This is what people called the role of Configuration Management (CM). This role can be done if programmer follows the CM practises. This project will guide programmer with a few practises to maintain software system by doing code documentation, not focusing on the other types of software documentations such as Software Design Document (SDD), Software Requirement Specification (SRS) or Database Design Description (DBDD).