

Universiti Teknologi MARA

**Expert Project Management System (e-pms)
Worker Module in Android**

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ABSTRACT

Organizing the task or action is really important in life. Today, there are so many system technologies develop to facilitate people in organizing their activities such as project management system. The existing system had all the function for organizing the task but not for calculation function which is to compare the estimation cost and real cost. Worker sometimes are late informed the finished task to their project manager. The main research is to create cost calculation function in android platform. Other than that, the objective also is to create notification status of completed task to project manager and develop notification project assign to worker by email. For this project, rapid application development (RAD) method has been chosen for developing the system. This type of methodology allows fast implementation of the system in real environment. There are six phases in rapid application development which are analysis and quick design, develop, demonstrate, refine, testing and lastly deployment. At the end of development, the result of the proposed system should be working efficiently.

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CHAPTER ONE

INTRODUCTION

This chapter provides the background and rationale for the study. It also gives details of the significant of project management system, the issues and problems that led to this research.

1.1 Background of Study

Management is very important in people's everyday life. It helps people organizing and planning their work or lifestyle for reaching a better result. Management is a coordination of a task to achieving desired goals. To manage something, a plan is a must. Planning required all the activities or programs to be organize and accomplish for achieving the goal of a project. A failure can happen when doing action without planning. According to Brooks (2011), "*There was a time (fine, whatever, most of my life) when I didn't prepare for things. At all. I didn't see the point*". Realizing the importance of managing, human starting to concern on how to manage their action in proper way for achieved the objectives.

Realizing the importance, technology for managing was being developed to make easier people to handle their action. As a result, software named project management system has been created. According to Rich (2011), "*most people don't realize that project management software is actually 54 years old this year,*