

Universiti Teknologi MARA

**Development of
Student Report Card System (SRCS)**

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ABSTRACT

The thesis research is about development of Student Report Card System (SRCS) for Sekolah Kebangsaan Seberang Tayor (SKST) Kemaman, Terengganu. This system is to assist the school administrator and class teachers to manage the student report card. The teacher will be able to keep a record of student information and student result twice per year. Student parents also use this system to view and validate their child's report card. This research is as a solution to the problem occurs in handling student report card and other problem faced by SKST. Some problems that have been identified such as SKST currently using manual system that require much time in handling report card and some parents did not receive the report card and validate it. The purposes of this system are to provide the information about student performance to the parents and also to help the parents who are busy working who cannot come to the school to check their child's report card. This research has three objectives that need to be achieved. The first objective is to identify requirements of SRCS for SKST. The second objective is to design SRCS for SKST and the third objective is to develop and demonstrate SRCS for SKST. Several methods have been applied for this research which is interview session with teachers at SKST to gather requirement about student report card handling and review related journals and articles for literature review to understand the process applied in this project. The researcher has chosen Rapid Application Development (RAD) in developing this system. From using SRCS, many advantages can be received from it. The system can help the SKST to improve their school performance and help teachers to manage the student report card. In the future work, this system will be able in mobile application.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

This chapter described the overview of the research which are the project background and problem statement that shows the need of the research. It also includes the objectives, research questions, scope and significance of the research.

1.2 Project Background

The report card provides the information about student's evaluation performance on academic in school to the parents. The report card must include subject and mark with the grade that categorized as A to E that defined on student result (The Association of Independent School of SA, 2006). It is very important for parents to know their child's performance in school. Report cards will contain the profile of the students, result achievement by class teachers and exam mark for each subject by the subject teacher.

Besides, one of the important parts of the report card is comment from class teachers that specify about the students' performance in their academic including marks, grades and position number. These comments must be meaningful explanations about the student performance in order to help parents to know about their child's result and will together with teachers take responsibility and effort to improve student performance. So, the comments must be positive because if the comments are negative, parents will blame their children.