UNIVERSITI TEKNOLOGI MARA

RFID FOR STUDENT EXAMINATION ATTENDANCE (R-SEAT)

WEBPAGE AND REPORTING FOR R-SEAT

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ABSTRACT

Nowadays, it is typical for students to fill in the examination's attendance slip. The invigilators need go to each student in order to check the student who attends the exam is the same person with name on student card.The limited number of invigilator assigned for managing the large number of student in the examination hall, will increase the invigilator's workload. Therefore RFID for student examination attendance(R-SEAT) is being developed to ease the process of student examination registration. This project is being developed by using the RFID component and webpage technology which use the VB.net and ASP.Net as tools and SQL server as the application database. The main use of web page in this system is to produce the report and print the student examination's attendance. The webpage will display the number of students who already register for the examination on that day. Only, the student who has touched their RFID tags on the RFID reader is considered attends if their data found in the database. The webpage will help the invigilator to easily print the attendance by scope the detail of the exam into Venue, Session, Group and Course.

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CHAPTER ONE

INTRODUCTION

1.1 Background of Study

Nowadays, web has become one of the important parts in our lives. Varieties of different technologies have been used in order to implement the large number of web applications and let it to interact with each other. Moreover, through the implementation of large number of different technologies, many creative products have been produced in order to ease human work.

The use of the technologies includes the implement of RFID device and combinations of Web system and database. Recently, the used of this type of technology is no longer feels awkward for the developer as it give benefits to others. The combinations of web system in RFID will become the back end for database involve.

1.2 Problem Statement

The problem statement for this project is to ease the hand up of recording student's attendance for benefit of student invigilation. This is because the invigilators do not need to collect all attendance slips manually by going one by one to the student's table. Moreover, the conventional way of collecting attendance slips must be counted one by one, while this system suggests automatically calculates the student's examination attendance according to the course and group in the specific hall.